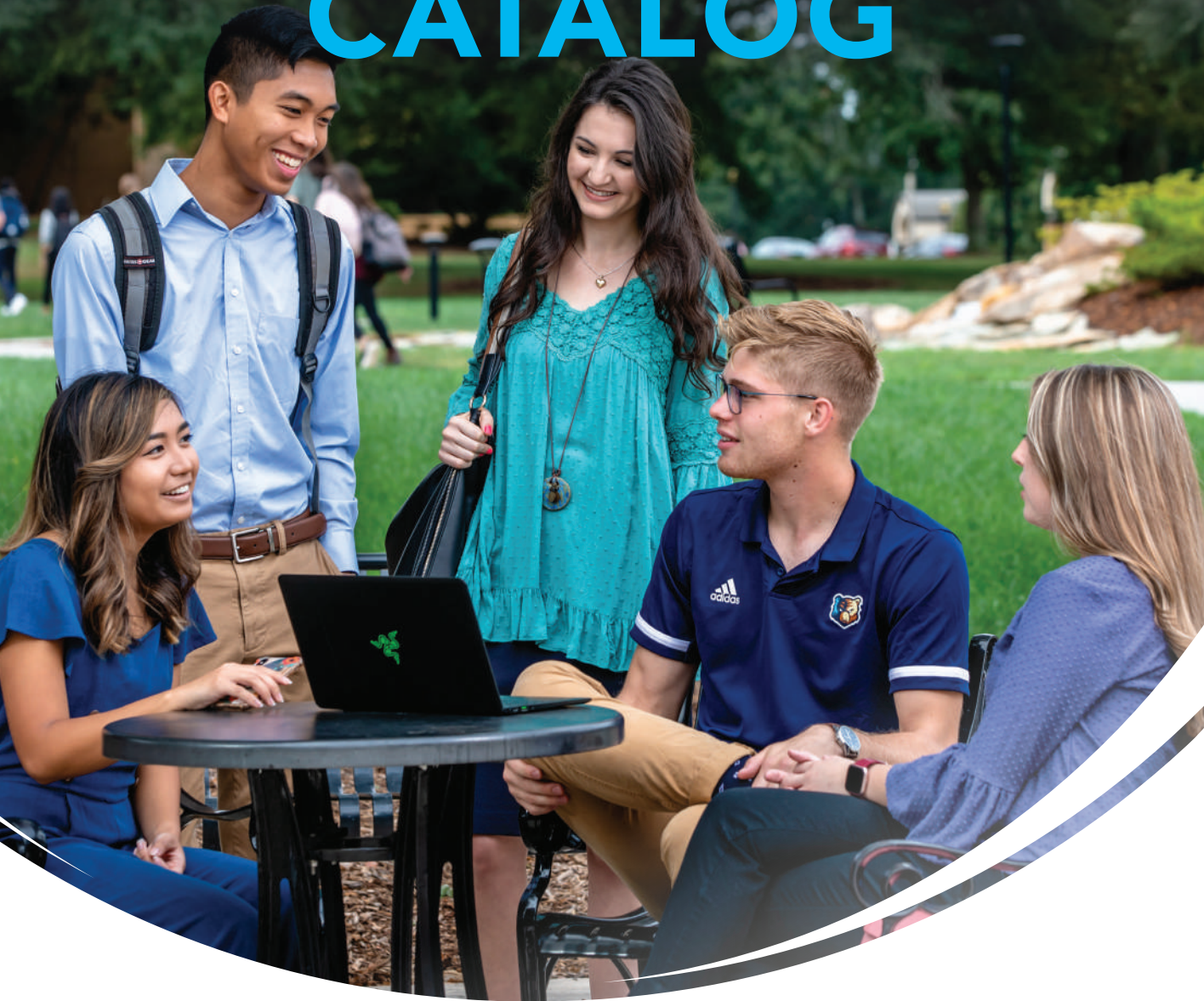


2020-2021

# UNDERGRADUATE CATALOG



**BOB JONES UNIVERSITY**  
LEARN. LOVE. LEAD.

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# Academic PROGRAMS

## CERTIFICATE & DEGREE PROGRAMS

### (CONCENTRATIONS)–UNDERGRADUATE

Accounting, BS . . . . .	402	Interior Architecture & Design, BFA . . . . .	273	Greek . . . . .	237
Actuarial Science, BS . . . . .	134	International Studies, BA . . . . .	148	Health Sciences . . . . .	200
Apologetics & Biblical Worldview, CAB . . . . .	237	Journalism & Mass Communication, BA . . . . .	304	History . . . . .	146
Biblical Counseling, BS . . . . .	244	Keyboard Performance, BMus . . . . .	288	Information Technology . . . . .	143
<i>(Apologetics &amp; Worldview, Cross-Cultural Service, Pastoral Ministry, Women's Ministry Worship Leadership or Youth Ministry concentrations)</i>		Liberal Arts, AA . . . . .	94	Interior Architecture and Design . . . . .	273
Biblical Studies, BA . . . . .	238	Mathematics Education, BS . . . . .	358	Journalism & Mass Communication . . . . .	303
<i>(Apologetics &amp; Worldview, Biblical Counseling, Biblical Languages, Cross-Cultural Service, Pastoral Ministry, Women's Ministry Worship Leadership or Youth Ministry concentrations)</i>		Mathematics, BS . . . . .	136	Kinesiology . . . . .	192
Biochemistry & Molecular Biology, BS . . . . .	120	Media Technology, AS . . . . .	307	Linguistics . . . . .	100
Biology, BS . . . . .	113	Middle School Education, BS . . . . .	360	Mathematics . . . . .	136
<i>(Biomechanics, Biomedical Research, Cell Biology Environmental Technology &amp; Resources or Zoo &amp; Wildlife concentrations)</i>		<i>(Language Arts, Mathematics, Science or Social Studies concentrations)</i>		Music . . . . .	278
Business Administration, BS . . . . .	409	Ministry & Leadership, BS . . . . .	248	Nutrition . . . . .	200
<i>(General, Entrepreneurship, Finance, Human Resources or Marketing concentrations)</i>		<i>(Apologetics &amp; Worldview, Biblical Counseling, Cross-Cultural Service, Pastoral Ministry, Women's Ministry Worship Leadership or Youth Ministry concentrations)</i>		Paralegal Studies . . . . .	405
Business, AS & Business, BS . . . . .	406 & 431	Music, BA & BS . . . . .	279	Photography . . . . .	270
Chemistry, BS . . . . .	122	Music & Church Ministries, BS . . . . .	284	Physics . . . . .	124
Child Development, BS . . . . .	375	Music Education, BME . . . . .	294	Political Science . . . . .	146
Child Growth & Development, AS . . . . .	374	<i>(Choral or Instrumental tracks)</i>		Professional Writing . . . . .	303
<i>(Early Intervention concentration)</i>		Nursing, BSN . . . . .	210	Public Health/Global Health . . . . .	206
Christian Ministries, AS . . . . .	243	Orchestral Instrument Performance, BMus . . . . .	292	Psychology . . . . .	146
Cinema Production, BS . . . . .	308	Paralegal Studies, AS . . . . .	408	Spanish . . . . .	109
Communication Disorders, BS . . . . .	198	Physics, BS . . . . .	124	Teaching English to Speakers of Other Languages . . . . .	100
Communication, BA . . . . .	301	Piano Pedagogy, BMus . . . . .	290	Theatre . . . . .	310
Composite Social Studies Education, BS . . . . .	350	Premed/Preudent, BS . . . . .	208		
Composition, BMus . . . . .	282	Personal Training, AS . . . . .	191		
Computer Science, BS . . . . .	139	Professional Studies, BS . . . . .	430		
Criminal Justice, AS . . . . .	150	Public Health/Global Health, BS . . . . .	206		
Criminal Justice, BS . . . . .	151	RN to BSN Completion, BSN . . . . .	213		
<i>(Homeland Security concentration)</i>		Science Education, BS . . . . .	366		
Cross-Cultural Service, BA . . . . .	246	Spanish Education, BS . . . . .	369		
<i>(Apologetics &amp; Worldview, Biblical Counseling, Biblical Languages, Pastoral Ministry, Women's Ministry Worship Leadership or Youth Ministry concentrations)</i>		Spanish, BA . . . . .	109		
Culinary Arts, AS . . . . .	407	Special Education, BS . . . . .	371		
Cybersecurity, BS . . . . .	141	Sport Management, BS . . . . .	195		
Early Childhood Education, BS . . . . .	352	Studio Art, BFA . . . . .	268		
Educational Studies, BS . . . . .	378	Theatre, BA . . . . .	310		
<i>(Arts Integration, Government/Public Policy, Social Services or TESOL concentrations)</i>		Visual Studies, BS . . . . .	265		
Elementary Education, BS . . . . .	354	<i>(Photography concentration)</i>			
Engineering, BS . . . . .	127	Voice Performance, BMus . . . . .	286		
<i>(Civil, Computer, Electrical or Mechanical concentrations)</i>					
English Education, BS . . . . .	356				
English, BA . . . . .	100				
<i>(Creative Writing or Literature concentrations)</i>					
Kinesiology, BS . . . . .	192				
<i>(Exercise Physiology or Sports Medicine &amp; Rehabilitation concentrations)</i>					
Fashion Design, BS . . . . .	275				
French, BA . . . . .	107				
Graphic Design, BFA . . . . .	271				
Health Sciences, BS . . . . .	200				
<i>(General, Health Care Administration, Nutrition, Pre-Pharmacy or Pre-Physician Assistant concentrations)</i>					
History, BA . . . . .	146				
Humanities, BA . . . . .	95				
Information Technology, BS . . . . .	143				
Interdisciplinary Studies, BA & BS . . . . .	96				

### MINORS

Art . . . . .	267	Greek . . . . .	237
Aviation . . . . .	405	Health Sciences . . . . .	200
Biblical Studies . . . . .	237	History . . . . .	146
Biology . . . . .	113	Information Technology . . . . .	143
Business . . . . .	405	Interior Architecture and Design . . . . .	273
Chemistry . . . . .	122	Journalism & Mass Communication . . . . .	303
Chinese . . . . .	106	Kinesiology . . . . .	192
Cinema . . . . .	308	Linguistics . . . . .	100
Coaching . . . . .	190	Mathematics . . . . .	136
Communication Disorders . . . . .	197	Music . . . . .	278
Communication . . . . .	301	Nutrition . . . . .	200
Computer Science . . . . .	139	Paralegal Studies . . . . .	405
Counseling . . . . .	244	Photography . . . . .	270
Creative Writing . . . . .	99	Physics . . . . .	124
Criminal Justice . . . . .	149	Political Science . . . . .	146
Cross-Cultural Service . . . . .	246	Professional Writing . . . . .	303
Cybersecurity . . . . .	141	Public Health/Global Health . . . . .	206
English . . . . .	100	Psychology . . . . .	146
Fashion Design . . . . .	275	Spanish . . . . .	109
French . . . . .	107	Teaching English to Speakers of Other Languages . . . . .	100
German . . . . .	106	Theatre . . . . .	310

## CERTIFICATE & DEGREE PROGRAMS (CONCENTRATIONS)–GRADUATE

Please refer to the current BJU Seminary and Graduate Studies Catalog for detailed information regarding each of the degree offerings.

Apologetics, MA
Biblical Counseling, CBC
Biblical Counseling, MA
Biblical Language & Literature, MA
Biblical Studies, MA
Chaplaincy, CC
Communication, CC
Communication Studies, MA
Doctor of Ministry <i>(Biblical Counseling, Expository Preaching or Pastoral Ministry concentrations)</i>
Educational Leadership, MS
Intercultural Studies, MA <i>(Bible Translation &amp; Linguistics or Theology &amp; Missions Strategy concentrations)</i>
K-12 Education Leadership, CEL
K-12 Teaching & Learning, CTL
Master of Divinity <i>(Bible Translation &amp; Linguistics, Biblical Counseling, Biblical Languages, Church Planting &amp; Urban Ministry, Church Worship, Global Missions, Military Chaplaincy or Preaching &amp; Pastoral Ministry concentrations or Advanced Track)</i>
Master of Music Education
Ministry Studies, MA <i>(Church Planting &amp; Revitalization or Church Ministry concentrations)</i>
Sport Administration & Coaching, MA
Teaching Bible, CTB
Teaching & Learning, MEd
Theatre, MA
Theological Studies, PhD <i>(Biblical &amp; Systematic Theology, Old Testament Interpretation or New Testament concentrations)</i>

Within the cultural and academic soil of liberal arts higher education,  
BOB JONES UNIVERSITY EXISTS TO GROW

*Christlike*  
**CHARACTER**

THAT IS SCRIPTURALLY DISCIPLINED,  
OTHERS-SERVING, GOD-LOVING,  
CHRIST-PROCLAIMING AND FOCUSED *above*

**AS A CHRISTIAN LIBERAL ARTS HIGHER EDUCATION INSTITUTION WE:**

- Educate regenerate men and women of varying educational backgrounds and proficiencies from across the nation and around the world.
- Educate the whole person through a biblically integrated liberal arts curriculum.
- Equip individuals with a biblical worldview and with the ability to defend that worldview.
- Offer programs leading to undergraduate and graduate degrees in a range of disciplines in a residential environment supplemented by distance learning and professional development opportunities.
- Foster spiritual, intellectual, social and physical development and cultural expansion of the individual.
- Are committed to excellence in teaching by a godly, competent and professional faculty who are dedicated to furthering the University's mission.

successfully the emergencies of life.



## AS A CHRISTIAN HIGHER EDUCATION INSTITUTION COMMITTED TO HELPING CHRISTIAN STUDENTS GROW IN CHRISTLIKENESS WE:

- Emphasize excellence and hold students accountable to pursue it for the purpose of developing character.
- Teach individuals to apply the Scriptures to practical Christian living.
- Seek to develop individuals who are committed to Jesus Christ as Lord, who are engaged in service and leadership in a biblically faithful local church, and who have a compelling concern for reaching the unconverted with the Gospel.
- Are steadfastly committed to remaining faithful to the biblical doctrine and principles in our founding charter.
- Develop a constituency of regenerated students who have adequate preparation to profit from a Christian college education.

# Message

## FROM THE PRESIDENT



DR. STEVE PETTIT

FOR OVER 90 YEARS, BOB JONES UNIVERSITY HAS SERVED AS A THRIVING COMMUNITY OF COMMITTED CHRISTIAN STUDENTS, FACULTY AND STAFF INTENT ON SERVING JESUS CHRIST.

Since our founding in 1927, well over 100,000 young people have benefited from the teaching and discipleship of our knowledgeable, dedicated and caring faculty and staff.

Bob Jones University is well-known for its academic excellence and commitment to a biblical worldview—both in and out of the classroom. It is accredited by the Southern Association of Colleges and Schools Commission on Colleges and the Transnational Association of Christian Colleges and Schools.

Our graduates serve the Lord across all vocations. They are Christian workers, tradesmen, lawyers, doctors, educators, homemakers and business executives. They have what it takes to excel. They are in demand for their vocational skills, spiritual steadfastness and personal character.

BJU presents today's Christian student with incredible opportunities to learn how to making a living and—more importantly—how to live. Through a challenging and rewarding Christian liberal arts education, the University prepares each student to be a competent, Christlike example in whatever life context the Lord places him or her. Courses in each major prepare students to excel in their chosen fields, and a wide variety of electives enable them to develop their personal interests. Some disciplines offer opportunities for students to double major—earning two degrees in four years. In addition,

BJU requires a set of core courses which give graduates a competitive edge and skills employers are looking for in college graduates. Through courses such as English, history, communication, science, math and philosophy, the BJU Core® helps students understand the essential elements of human experience and apply critical thinking and communication skills in writing, listening and speaking. BJU Core courses such as hermeneutics and apologetics educate students to understand, explain and defend essential doctrines of the Christian faith. Whether a course is in a major, an elective or a core course, BJU professors teach each course from a biblical worldview, helping students grow spiritually as they learn.

Bob Jones University has a spirit all its own and offers unparalleled opportunities to its students outside the classroom. From ministering in local churches to exposure to the arts and leadership opportunities in student organizations, as well as a broad variety of intercollegiate and intramural sports, the BJU experience offers students personal growth and Christian fellowship.

As a Christian institution, Bob Jones University stands firmly for the authority of God's Word and opposes all atheistic, agnostic and humanistic attacks upon the Scripture.

Every faculty member in the University signs our orthodox creed each year. We have proved in this institution that it is possible in the present day to be thorough in scholastic work and still hold to the faith of our fathers and mothers.

Bob Jones University commits to provide an outstanding Christian liberal arts education purposely designed to inspire a lifelong pursuit of learning, loving and leading.

Simply put, Bob Jones University stands as a testament to our Lord and Savior Jesus Christ. What is here is His doing—it

is not our own. As faculty and staff, it is our prayer that we consistently point students to Jesus Christ in our classrooms, chapel services and their involvement in ministries at local churches in the Greenville area. Through their service to Jesus Christ as students, we believe they are well prepared to leave our classrooms and serve Him around the world both in their local churches and in whatever vocation God has called them.

I invite you to visit Bob Jones University and see for yourself what God is doing here. Come join us!



Steve Pettit

# *University* **CHARTER**

The general nature and object of the corporation shall be to conduct an institution of learning for the general education of youth in the essentials of culture and the arts and sciences, giving special emphasis to the Christian religion and the ethics revealed in the Holy Scriptures; combating all atheistic, agnostic, pagan and so-called scientific adulterations of the Gospel; unqualifiedly affirming and teaching the inspiration of the Bible (both the Old and the New Testaments); the creation of man by the direct act of God; the incarnation and virgin birth of our Lord and Saviour, Jesus Christ; His identification as the Son of God; His vicarious atonement for the sins of mankind by the shedding of His blood on the cross; the resurrection of His body from the tomb; His power to save men from sin; the new birth through the regeneration by the Holy Spirit; and the gift of eternal life by the grace of God.





# *Our Christian* **PHILOSOPHY OF EDUCATION**

Christian education at BJU is a spiritual ministry that has as its purpose to further the process of spiritual development in the image of God. BJU endeavors to teach students to know God and to imitate Him in His character and in His works. This commitment embraces all that is done in and out of the classroom. Knowledge of the written Word of God, the Bible, remains at the center. The disciplinary studies radiate from this center as studies of God's works. Biblical truth is not confined to the required Bible courses but is diffused throughout the curriculum.

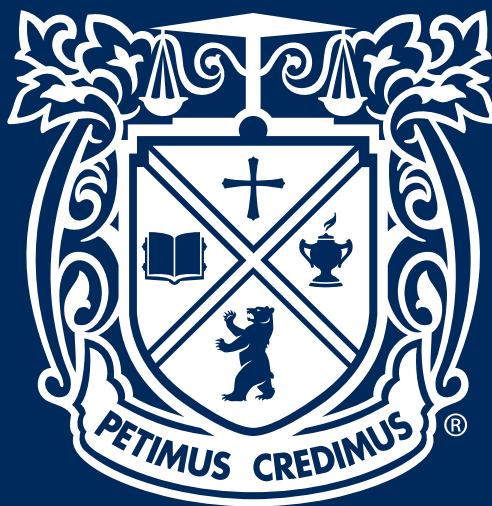
Yet to know God implies more than just knowledge about God. The knowledge of God that is unique to Christian education is a personal knowledge that begins with repentance of sin and faith in Jesus Christ as Savior and develops through obedience to and communion with God. To know God is to be born into the family of God and to live in fellowship with Him. With this knowledge as the starting point, student attention is directed outward to the full range of natural facts and human experience and to formulations of that experience in history and philosophy, literature and art—all as reflective of the work of God intersecting with the work of man. The student develops a worldview coherent with the work of God in his life.

The work of God in a student's life is a process of his imitating God in his character and service. Accordingly, BJU faculty and administration urge students onward in this process and provide an environment structured toward this purpose. As in secular education, the environment of Christian education is artificially selective, including elements favorable to its purpose and suppressing those unfavorable to it. BJU does not apologize for the prescriptiveness of the educational experience here. Its character goals require it.

BJU also provides students with ministry opportunities so it becomes natural to them to live out their beliefs in service to God and to others. Students are requested to have weekend ministries of various sorts both in the immediate area and in surrounding states as well. The University keeps before all its students their responsibility to share the Gospel and minister to others.

# THE CREST

The scales represent the proper balance of life and the fact that man weighed in God's balances is always found wanting; the cross speaks of Christ and our redemption; the book is the Word of God; the lamp is the light of Truth; and the rampant Bruin represents the uniqueness and unity of our university community. The BJU motto, *Petimus Credimus* ("we seek, we trust"), underscores the University's foundation and purpose. We seek to inculcate into our students a desire for knowledge of the arts and sciences, and we seek to satisfy that desire. We trust the Bible as the inspired Word of God, the Lord Jesus Christ as the only hope of the world and His Gospel as the solution to the problems of our day.



# THE PLEDGE

Bob Jones University is determined that no school shall excel it in the thoroughness of its scholastic work and, God helping it, in the thoroughness of its Christian training.

# THE BJU COMMITMENT

We commit to provide an outstanding Christian liberal arts education purposely designed to inspire a

- Lifelong pursuit of learning,
- Lifelong pursuit of loving,
- Lifelong pursuit of leading.

# Academic YEAR OVERVIEW

## First Semester 2020

Summer Orientation . . . . . June 19–20; June 26–27, Friday–Saturday  
 New International Student Orientation . . . . . August 15–22, Saturday–Saturday  
 New & Transfer Student Check-In . . . . . August 14, Friday  
 Returning Student Check-in Deadline . . . . . August 15, Saturday  
 Semester Begins: Opening Exercises . . . . . August 16, Sunday  
 Classes begin . . . . . August 18, Tuesday  
 Final Examinations . . . . . November 21, 23–24, Saturday, Monday–Tuesday  
 Semester Ends . . . . . December 17, Thursday

## Second Semester 2021

New, Transfer & Returning Student Check-In Deadline . . . . . January 11, Monday  
 Semester Begins: Opening Exercises . . . . . January 12, Tuesday  
 Classes begin . . . . . January 13, Wednesday  
 Bible Conference . . . . . February 16–19, Tuesday–Friday  
 Spring Break . . . . . March 22–26, Monday–Friday  
 Final Examinations . . . . . May 3–6, Monday–Thursday  
 Commencement Activities . . . . . May 6–7, Thursday–Friday  
 Semester Ends . . . . . May 7, Friday

## Summer 2021

Summer Session . . . . . May 10–August 13

# Information DIRECTORY

**For information on:**

**Contact:**

General Information, Admission & Catalogs .....	Director of Admission
Transcripts & Records of Incoming Students .....	Director of Admission
Fees, Expenses, Methods of Payment .....	Chief Financial Officer
Academic Reports, Course Offerings & Other Scholastic Matters .....	Registrar
Undergraduate Programs .....	Dean of Arts & Science, Health Professions, Religion, Fine Arts & Communication, Education or Business
Graduate Programs .....	Dean of BJU Seminary, Health Professions, Fine Arts & Communication or Education (see the BJU Seminary & Graduate Studies Catalog for more information)
Online Learning .....	Associate Dean of School for Continuing, Online & Professional Education
Alumni Information .....	Vice President for Advancement & Alumni Relations
Employment	
Faculty .....	Office of the Provost
Staff .....	Chief Human Resources Officer
Graduate Assistantships .....	Chief Human Resources Officer
Student .....	Chief Human Resources Officer
Gifts, Bequests & Scholarship Donations .....	Chief Financial Officer
Outreach Ministries .....	Director of Center for Leadership Development
Visiting Students Activities & Residence Hall Reservations .....	Welcome Center

It is understood that attendance at Bob Jones University is a privilege and not a right, which may be forfeited by any student who does not conform to the standards and regulations of the institution. BJU may request withdrawal of any student at any time, who, in the opinion of the University, does not fit the spirit of the institution, regardless of whether or not he or she conforms to specific policies and regulations of BJU.

# Admission

## TO UNDERGRADUATE EDUCATIONAL PROGRAMS

### GENERAL REQUIREMENTS

This catalog has been written and designed to answer most of the questions that might be asked about the University's academic programs and services, as well as its academic, admission, registration, curriculum development and research policies. The volume is intended to be used as a guideline and does not create an expressed or implied contract.

Bob Jones University (BJU) reserves the right to expand, delete or otherwise modify its degree programs or courses of study and associated policies; to change its rules and policies affecting the admission and retention of students or the granting of credit or degrees; to change the academic calendar, course offerings, course content or academic programs; or to alter its fees and other charges whenever such changes are judged by it to be desirable or necessary. In any such case, BJU will give appropriate notice as reasonably practicable under the circumstances.

Candidates for admission to any of the schools of BJU must give evidence of good character. Students transferring from other institutions may be asked to present statements of honorable dismissal.

Any applicants whose admission falls outside of those criteria described in the paragraphs below will go to the Admission Committee for a decision. The director of Admission will inform the applicants of the admission decision.

### NOTIFICATION OF NONDISCRIMINATION

BJU admits students of any race, color, national and ethnic origin to all the rights, privileges, programs and activities generally accorded or made available to students at the institution. It does not discriminate on the basis of race, color, national and ethnic origin, age, sex, protected disability or veteran status in administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other institution-administered programs.

### COLLEGE ENTRANCE EXAMINATION (ACT, SAT OR CLT)

College entrance examination scores, American College Test (ACT), SAT by College Board or Classic Learning Test (CLT), are requested of all undergraduate applicants. These scores are helpful in assessing an applicant's college-level academic readiness, predicting future academic success, deciding placement, advising him or her during his or her college career, and determining merit-based financial aid.

Each applicant is urged to apply for and take a required examination well in advance of the semester for which he or she seeks admission. An applicant who does not take a test prior to enrollment must register for and take a test during his or her initial semester in residence. If a student fails to take a test during his or her initial semester in residence, BJU will place an admission hold, preventing the student from registering for future classes.

The examinations are administered nationally on established schedules with a closing date for each administration. Information, dates of administration, registration, etc., are available online for ACT ([www.actstudent.org](http://www.actstudent.org)), SAT ([www.collegereadiness.collegeboard.org](http://www.collegereadiness.collegeboard.org)) and CLT ([cltexam.com](http://cltexam.com)). High school students may also secure information about these tests from their principal or academic counselor or by contacting Admission at Bob Jones University. In completing a test application form, applicants are requested to indicate that a copy of their scores be sent directly to Bob Jones University.

Bob Jones University's code number is 3836 for the ACT and 5065 for the SAT (CLT, no code).

## ADMISSION PROCEDURES

### Students Attending College for the First Time

1. Apply online at [www.bju.edu/apply](http://www.bju.edu/apply) or call Admission at Bob Jones University.
2. Fill in the application form completely and submit it.
3. Request that an official high school transcript be sent to the Bob Jones University Admission Office.
4. Arrange to take college entrance examinations, American College Test (ACT) or SAT by College Board. Applicants who have already taken the ACT or SAT are requested to have a copy of their scores sent to the University.
  - Register for the American College Test (ACT) by going to [www.actstudent.org](http://www.actstudent.org). The ACT code number for Bob Jones University is 3836.
  - Register for the SAT by College Board by going to [www.collegereadiness.collegeboard.org](http://www.collegereadiness.collegeboard.org). The SAT code number for Bob Jones University is 5065.
5. Upon receipt of these materials and the references noted on the application, Admission at Bob Jones University will process the application, notify the applicant of his or her admission status and send further information.

### Students Transferring Coursework from Other Institutions

1. Follow steps 1 to 5 under Students Attending College for the First Time.
2. Request each college or university where coursework has been previously taken to send a complete transcript to Bob Jones University.
3. Upon receipt of these materials and the references noted on the application, Admission at Bob Jones University will process the application, notify the applicant of his or her admission status and send further information.

### Students Who Previously Attended Bob Jones University

1. Apply online at [www.bju.edu/apply](http://www.bju.edu/apply) or call Admission at Bob Jones University to request a paper application for re-enrollment.
2. Fill in the application form completely.
3. Upon receipt of these materials, Admission at Bob Jones University will process the application, notify the applicant of his or her admission status and send further information.

### Former Students Who Have Been Suspended or Denied Re-enrollment

A student who is suspended from or denied re-enrollment in Bob Jones University may be considered for readmission for a term that begins at least one complete semester following the date of his or her suspension or enrollment denial.

In addition to following the procedures for Students Who Previously Attended Bob Jones University, the student will be asked for additional information by an admission counselor.

## TIME REQUIRED FOR PROCESSING OF APPLICATION

Ordinarily, an application can be processed in no less than three weeks, and it is not unusual for an application to require six weeks or longer for processing. It is necessary to secure the high school record, character recommendations, college transcripts of any coursework and to coordinate all these records in Admission before the admittance decision can be made. Following an applicant's acceptance, a nonrefundable reservation fee must be paid to confirm the applicant's reservation (due first semester, May 1; second semester, November 1). Upon enrollment, the reservation fee will be applied toward the semester's tuition and fees. No reservation is final until all these records are in order and the reservation fee is received. Consequently, an applicant should allow as much time as possible for the processing of the application.

## FRESHMAN ADMISSION BY HIGH SCHOOL CERTIFICATE

### Freshman Standing

An applicant must request that his or her high school forward a copy of his or her official high school transcript directly to the director of Admission.

Applicants from approved high schools will be admitted to the freshman class upon certification that the applicant is a high school graduate and recommended for college work, and provided that the applicant has met all other requirements for admission.

### Required Units

Applicants should have achieved high school graduation and have at least 16–18 acceptable units of secondary school work. (A unit is defined as five 45-minute periods each week for 36 weeks.)

Ten of these units must be in academic subjects. The following distribution of units is recommended: English (three units), mathematics (two units), natural science (one unit), social studies or history (two units), and foreign language (two units).

Students who BJU is willing to accept but are deficient in entrance requirements must make up deficiencies by taking additional credits on the university level. These credits are added to the total of 120 required for degree conferral. Since one semester of college work is usually construed to be the equivalent of a year's high school course, a student deficient one-half unit of academic electives is required 121 credits for degree conferral; a student deficient one unit, 122 credits for degree conferral, etc. These additional credits must be taken in the areas of study in which the student is deficient.

### Early Admission Program for High School Students

Early admission for high school students is offered as a means of enriching the education of outstanding high school students. Students still enrolled in high school are not eligible for Title IV federal financial aid.

The student will be admitted upon recommendation of his or her high school principal or homeschool parent. The student should have above average scores and should consistently be doing A and B work in all high school courses.

There are two ways a high school student may be admitted to Bob Jones University:

1. Resident Courses. A qualified high school student may enroll in resident courses at BJU upon completion of his or her sophomore year of high school. The courses offered will be regular



college courses, and those high school students admitted will attend courses with regular college students. For information about enrolling in resident courses, contact Admission at BJU.

2. Online Courses. A high school student may choose from several online courses after the completion of his or her sophomore year. These courses give the student the quality, structure and interaction of an on-campus class with the flexibility to fit the student's schedule. For more information, go to [www.bjuonline.com](http://www.bjuonline.com) or contact Admission at Bob Jones University.

## FRESHMAN ADMISSION BY EXAMINATION

Students who Bob Jones University is willing to accept but whose educational backgrounds have been irregular may be admitted on any of the following bases:

### Equivalency Diploma

The High School Equivalency Diploma or Certificate is now issued by the state department of education of nearly all the states as part of their services in the field of adult education. In many states this service is available on the same basis to veterans and non-veterans alike, in others on a differentiated basis, and in still others to veterans only. In all cases, however, it is awarded to persons of post high school age on the basis of achievement shown by examination rather than achievement shown by accumulation of high school credits—though in some states examination results must be supported by a partial high school record. Specific requirements vary from state to state, especially as to the minimum age at which one is eligible to take these examinations. An inquiry addressed to any state department of education will reveal current practices for that particular state. Other things being equal, an equivalency diploma is construed as sufficient for college admission and meets all the specific entrance requirements.

### General Education Development (GED) Tests

The General Education Development test also serves as a basis for admission for the veteran or other adult applicant when satisfactory scores have been achieved at an approved examination center prior to the enrollment of the student in BJU. Satisfactory scores achieved on these examinations, whether or not they have resulted in the issuance of a diploma, are construed as meeting all entrance requirements. In some circumstances, advanced standing is given on the basis of the college-level GED tests.

## Undergraduate Placement & Academic Restrictions

### *High School Graduate*

The primary consideration is based on the student's high school "adjusted GPA." The adjusted GPA is calculated using the grades from core academic courses only: math, science, history, language arts (English, speech, etc.) and foreign language.

Limited Load—A student with an adjusted high school GPA of 1.7–1.9 (C-)

Academic Probation—A student with an adjusted high school GPA of 1.3–1.6 (D+) or previous poor academic performance at another institution

Associate Placement—A student with an adjusted high school GPA of 1.0–1.2 (D)

In addition, after the primary consideration (adjusted GPA) is determined, other factors are taken into consideration that may affect a "borderline" student's status:

- ACT/SAT scores
- Achievement test scores
- Comments from the school official recommendation

These factors may result in a student being placed in a "lower level" restriction.

For instance, if a student has a borderline GPA such as 1.7, his or her college entrance examination composite score for ACT is below 16 or for SAT is below 890, or his or her achievement test complete battery percentile is 50 percent or below, and there is a comment from a school official that the student has academic struggles, he or she may be placed on Academic Probation instead of Limited Load.

### *Examination Results*

A student who is accepted for admission on the basis of satisfactory examination results will be placed on academic probation. These exam results include the GED, an Equivalency Diploma or Certificate (adult education), etc. The minimum GED scores are as follows: individual subject scores–40; composite score–45.

There are occasions when a student submits a GED with scores that barely meet the minimum allowable scores and his or her high school transcript reflects poor academic achievement (GPA of 1.6 or below) or he or she has low ACT scores (16 or below) or SAT scores (890 or below). That student may be placed on Associate Placement initially instead of Academic Probation in order for the student to prove that he or she can handle university-level academic work.

## OTHER ADMISSION CATEGORIES

### Admission as a Provisional Student

The Office of Admission will grant a student Provisional Admittance when not all of the requirements of the student's application file have been submitted, but it is to the student's benefit to grant admittance. Upon submission of the missing requirement(s), the Provisional Admittance is changed to Full Admittance. A student who is granted a Provisional Admittance has the rights and privileges of a student with Full Admittance (financial aid, advising, course registration, etc.). Provisional Admittances are issued infrequently.

In cases where an official high school transcript is the missing requirement, financial aid will only be disbursed for the initial term of enrollment. If an official transcript is not received by the start of the subsequent term, then all federal and state aid will be returned from the initial term and the student will remain ineligible for additional aid until an official transcript is received.

### Admission as a Special Student

Bob Jones University accepts a limited number of special students who fall into one of the following categories: (1) Students who have completed a bachelor's degree and who wish to take additional work in some area without working for a degree; (2) Mature students, past normal college age, who qualify for regular admission and who wish to take only a few courses on a part-time basis but are not interested in a degree.

A special student is not required to remove entrance deficiencies and may take any course for which he or she has met the prerequisites. Bob Jones University, however, does not permit any student to take all his or her courses in one or two fields but recommends even for special students a program of general education. No student has the academic classification of "special" unless the student has applied and been admitted as a special student or unless, after being admitted as a regular student, the student has been given permission by the registrar to become a special student. The fact that a residence hall student may be classified as "special" academically does not mean that the student will be granted special privileges by the dean of men or dean of women.

A special student seeks admission in the same manner as a regular student. Work taken as a special student may be applied toward a degree program later if the student qualified for admission to a degree program at the time the work was taken.

## Admission as a Part-Time Student

Since 12 semester credits constitute the minimum full-time load at Bob Jones University and since all residence hall students are full-time students, a part-time student by definition is any student carrying less than 12 semester credits. All residence hall students are required to carry a minimum of 12 credits. Many part-time students are spouses of full-time university students who wish to take certain special courses; others are residents of the local community who wish to enroll for a partial load only. By nature of their programs of study, many part-time students are special students—although some part-time students follow a regular program of study.

To secure a permit to register, a part-time student must follow the regular procedure in filing application for admission. A student carrying six to 11 semester credits may be eligible to receive part-time Title IV federal financial aid. In order to receive full federal financial aid, a student must carry a minimum of 12 credits.

## Admission of International Students

One of the unique features of Bob Jones University is that as a private liberal arts university it attracts its student body each year from virtually all the states plus the District of Columbia, the outlying possessions of the United States, and more than 40 countries. In addition to those who are foreigners by citizenship, BJU attracts a number of students who have American citizenship, but were born and raised in a foreign country.

Bob Jones University is proud of its international students and works diligently to facilitate the admission of its qualified international applicants. The international student, however, who desires admission to Bob Jones University will do well to read carefully the following paragraphs.

An international student makes application for admission to Bob Jones University in the same manner as any other student—with the additional need to meet certain requirements of the student's own country plus the requirements of the United States for approval to study in this country. Before a letter can be sent from Bob Jones University to the student to assist him or her in securing the necessary credentials to leave the student's own country to enter the United States for study, the international student must:

1. Submit the electronic application with the reservation fee for the semester for which the reservation is requested (must be in U.S. funds). In the event the application should be denied, the reservation fee will be refunded.
2. Furnish satisfactory evidence as to the student's character, ability to meet financial obligations in this country and academic preparation for study in an American university. The student must also provide proof of proficiency in the English language.

Students for whom English is not their native language must take the Test of English as a Foreign Language (TOEFL) exam upon making application to Bob Jones University. The exam is offered only at selected times and places. Information, dates of administration, online registration, etc., are available at [www.ets.org/toefl](http://www.ets.org/toefl). It normally takes four to six weeks for the exam results to be reported to BJU. The TOEFL code number of our institution is 5065. These test scores are useful in processing a student's application for evaluating his or her mastery of the English language.

<i>Minimum TOEFL Regular Admission</i>	<i>Internet TOEFL (iBT)</i>	<i>Paper TOEFL (PBT)</i>
Undergraduate Level	61 (section scores of 15)	500
Graduate Level: Master's	79 (section scores of 19)	550
Graduate Level: Doctorate	100 (section scores of 20)	600

In establishing academic preparation for study at Bob Jones University, students educated outside the United States will have their secondary education records evaluated at Bob Jones University.

Students with post-secondary study outside of the United States must submit a credential evaluation report from World Education Services ([www.wes.org/application](http://www.wes.org/application)). Those with prior university work should request a course-by-course evaluation. Bob Jones University must be identified as the recipient of the completed World Education Services report.

Because of the time involved, every international applicant is expected to submit their application with all the necessary credentials at least six months to a year in advance of the semester in which he or she expects to enroll. Canadian students must allow no less than three months for the processing of their applications.

A letter of tentative acceptance granted to an international student on the basis of satisfactory preliminary information is subject to final confirmation by the completion of all records pertaining to the student, including the evaluation of academic credentials, which is final and binding in all cases. It is understood that the international student, in claiming the reservation, accepts this provision as part of the student's contract with Bob Jones University.

### Bridge to College English

The Bridge to College English (BCE) exists to prepare international students to succeed in English-medium courses at Bob Jones University for admission as degree candidates. The BCE includes non-credit courses in various aspects of English, as well as two college-level courses: Composition & Grammar (3 credits) and Pathways (3 credits). It supports the following goals of the Division of English: Students will be able to communicate well and will be able to apply knowledge of language structure. Students have the advantage of being immersed in English in a warm Christian atmosphere where Christlike character is nurtured.

The BCE is offered during the fall semester. Near the end of the semester, students will take the Test of English as a Foreign Language (TOEFL). Students who achieve the necessary TOEFL score will be admitted in a degree program for the spring semester.

<i>Minimum TOEFL Entry Requirements</i>	<i>Internet TOEFL (iBT)</i>	<i>Paper TOEFL (PBT)</i>
Undergraduate Level	48 (section scores of 10)	460
Graduate Level: Master's	62 (section scores of 15)	510
Graduate Level: Doctorate	100 (section scores of 15)	600

The core of the BCE is daily instruction in English as a second language, including all four language skills: listening, speaking, reading and writing. The student will be in a small class where he or she will receive generous amounts of friendly, individual attention. The student will receive help in listening to lectures and taking notes, as well as other skills needed by students.

### Admission of Service Personnel

A limited amount of credit may be allowed for training programs followed in military service, provided this work is in line with baccalaureate requirements. Any veteran desiring an evaluation of such work must have his or her official transcript forwarded directly from the proper authorities to the registrar of Bob Jones University. Credit is allowed on the basis of the recommendation in the manual, "A Guide to the Evaluation of Educational Experiences in the Armed Services."

### Veterans Readmission

Bob Jones University fully supports and complies with the veteran readmission requirements in the Higher Education Opportunity Act of 2008. In general, any student whose departure and absence from Bob Jones University is necessitated by reason of service in the uniformed services shall be entitled to readmission to the University (exceptions include individuals receiving dishonorable or bad conduct discharges or those who are sentenced in a court-martial). In most cases, the student

must apply for readmission within five years of completion of military service. For full details in regard to notification of Student Life and re-enrollment, see Policy Volume V on the university intranet.

## Admission to Advanced Standing

Transfer students seek admission to Bob Jones University in the same manner as entering freshmen. It will be helpful, therefore, for every prospective transfer student to read the general requirements for admission and the requirements for freshman admission. The transfer student is individually responsible to see that transcripts of all previous high school and college-level work are sent directly to Bob Jones University from each institution attended. All such transcripts must be requested at the time the application is submitted to Bob Jones University, since the application cannot be processed until all records are in order. Transcripts are not accepted from students.

All transfer credits are accepted on a provisional basis, which means that they do not become a part of the student's permanent record until the student has successfully completed one semester of resident study leading toward a degree from Bob Jones University. To validate the credit on any transcript, a student is expected to earn the same grades or better in residence at Bob Jones University.

The transfer student should note that the academic year at Bob Jones University is divided into two semesters and that the unit is the semester credit. Quarter hours are converted into semester credits at the ratio of 3:2—that is, three quarter hours equal two semester credits. While every effort is made within the regulations to give the transfer student the full value of his or her previous work, no fractional credits are recorded and course credits of a fragmentary nature are disallowed.

## Validation Examinations

Students desiring advanced standing on the basis of academic work which BJU is unable to accept without examination may validate such work by examination during their initial semester of enrollment. All validation examinations must be completed by the end of the first half-semester after a student enrolls. A fee is charged for each exam to validate credit for acceptance and/or placement. This procedure also applies to academic work taken in Bible schools which do not have an approved college department.

## Admission as a Postgraduate Special Student

A student holding a bachelor's degree who wishes to secure additional training but who does not wish to follow a program of study leading to an advanced degree may enroll as a postgraduate special student. Such a student may take courses only on the undergraduate level, choosing those courses based upon his or her objective for taking such special work. To register for a graduate course, however, the student must meet all prerequisites in the same manner as a student who takes the course to apply toward a graduate degree program.

## Admission as a Graduate Student

For details concerning specific requirements, consult the BJU Seminary and Graduate Studies Catalog.

# TRANSFER CREDIT

## Undergraduate Transfer Credit Practices

### *High School Record*

A transfer student's high school record is evaluated in terms of Bob Jones University's entrance requirements. Occasionally a student who was admitted to another institution without deficiency

will be deficient in entrance requirements when transferring. Such deficiencies, if any, will be indicated on the registration materials given to the transfer student when he or she enrolls.

### *Transfer Credit Regulations*

The regulations governing the transfer of credits earned in other institutions are as follows:

1. It is the policy of Bob Jones University to consider for transfer credits earned in a regular college or university or other institution of collegiate level. The accreditation status of the other institution(s) will be a factor in transfer credit decisions, but it will not be the sole or primary factor.
  - a. **Coursework Earned at Non-Regionally or Nationally Accredited Institutions:** In cases where a student submits coursework from an institution that is not regionally accredited or that is nationally accredited, a course-by-course evaluation is conducted by the registrar based on recommendations of the faculty in the relevant academic program to ascertain if the coursework is at the collegiate level and is comparable to courses offered at Bob Jones University.
  - b. **International Coursework:** International students with post-secondary study outside of the United States must submit a credential evaluation report from World Education Services ([www.wes.org/application](http://www.wes.org/application)). Those with prior university work must request a course-by-course evaluation and identify Bob Jones University as the recipient of the completed report. See the BJU Admission of International Students Policy for additional information.
  - c. **Military Institutional Coursework:** Coursework from the Air University, the Defense Language Institute, the United States Naval Academy, the United States Military Academy, the United States Air Force Academy and the United States Coast Guard Academy will be considered for transfer if a comparable course is offered at Bob Jones University.
2. Only those credits which carry a grade of at least C or its equivalent at the undergraduate level or at least B at the graduate level may be transferred (no grade of D, F or P).
3. Credit for courses such as music theory and language is transferable only by placement test validation. Art and design courses are validated by presenting a portfolio to the art and design faculty to be evaluated. This validation must be secured at the time of the student's initial semester registration in Bob Jones University. Moreover, the student must place in the course at the next level for the transfer credit to be recognized.
4. Courses acceptable for transfer must be substantially in line with the course of study offered by Bob Jones University and must serve a useful purpose in the particular curriculum which the student proposes to follow. To be accepted, a course need not be identical with a course offered at Bob Jones University; but it must be a course, even as a general elective, which is in line with the degree requirements defined in the Undergraduate Catalog. For example, a student who has heretofore pursued for any length of time a curriculum in any field in which courses are not offered at Bob Jones University may not expect to receive full transfer value for his or her previous work. A limited number of such credits is transferable as general electives.
5. In transferring credits, all evaluations are made in terms of courses as they appear in the University's Undergraduate Catalog. Though the original course titles are retained, the student's transfer record will show the course number as it appears in the Bob Jones University Undergraduate Catalog. Transfer courses for which there exist no parallel courses in this institution but which are acceptable for transfer will be assigned the proper departmental classification.
6. Transfer credit may be given by Bob Jones University in any one field of study not to exceed 30 semester credits. For example, a student who has had extensive training in religion elsewhere may not expect to transfer more than 30 semester credits in religion. If the student expects

to major in the field in which he or she presents the maximum number of transfer credits, the student must complete a minimum of 12 semester credits in the major field at Bob Jones University.

7. Transfer students may fall into any classification from freshman to senior, though rarely is a student able to transfer and complete degree requirements in one year.
8. Though certain adjustments may be made to the program of study for a student who transfers to this institution late in the college program, it should be noted that the “in residence” regulation requires a candidate for a baccalaureate degree to complete a minimum of 30 semester credits in at least two semesters in residence at Bob Jones University. Candidates for an associate degree must complete a minimum of 16 semester credits in at least one semester in residence at Bob Jones University. This stipulation means that in the minimum of two semesters the student must carry a full load of work and must meet the minimum academic standards required by Bob Jones University for degree conferral.
9. Bob Jones University does not accept in transfer any college-level work taken prior to the completion of the sophomore year of high school. College-level work completed after the sophomore year of high school will be evaluated on an individual basis.
10. A unit of credit at Bob Jones University is a semester hour. Quarter hours are transposed into semester hours at the ratio of 3:2; that is, three quarter hours equals two semester hours. No fractional credits are recorded, and course credits of a fragmentary nature are disallowed.
11. AP, CLEP and IB Credit: BJU does recognize Advance Placement (AP), College-Level Examination Program (CLEP) and International Baccalaureate (IB) credits subject to the following limitations. To be recognized, credits must have been earned prior to enrollment at Bob Jones University and after the sophomore year of high school. Credit for AP is based solely upon AP tests and not on AP courses. AP test scores must be 4 or above for recognition. General CLEP scores are not recognized. Subject area CLEP credits are acceptable so long as the scores are 50 or above. IB credit is based solely upon the Higher Level Examination results. IB test scores must be 5 or above for recognition.

A total of six English credits may be earned by IB, excluding AP and CLEP programs. The total credit earned through AP, CLEP and IB programs is limited to 30 semester credits, which includes any credit in transfer presented from approved distance or online learning institutions. There is no charge for recognition of AP, CLEP and IB credits. Prospective students desiring information concerning the AP and CLEP programs should contact The College Board, P.O. Box 977, Princeton, NJ 08540.

12. All work taken at other institutions for transfer into a degree program at Bob Jones University once the student has been accepted into a program must be approved by the registrar in advance. In such circumstances, the amount of credit to be taken elsewhere will be limited. Moreover, the student is expected to complete his or her final semester of coursework in residence at Bob Jones University.
13. Military Training and Experience: Academic credit for military service or training will be considered in accordance with the recommendations set forth in the manual, “A Guide to the Evaluation of Educational Experiences in the Armed Services.” See Policy Volume V on the university intranet for additional information.
14. Credit Appeals Process: Upon completion of the credit review processes, students will be notified of the decision by the Registrar’s Office. A student wishing to challenge course credits deemed ineligible for credit must file a written appeal with the registrar, who will bring the matter to the attention of the Deans Council. Within 10 business days of receipt of the appeal, the chair of the Deans Council will notify the student of the Deans Council’s decision.
15. Transfer work is calculated into a student’s cumulative undergraduate grade point average (GPA) at the time the degree is conferred. For associate degree students, transfer work is not calculated

into the final GPA. The student is required to earn a cumulative GPA of 2.0 or higher in courses taken at Bob Jones University in order to earn an associate or bachelor's degree from BJU.

16. Current students will not receive approval to take any core course at another institution if that course is offered online through Bob Jones University. See Policy Volume V on the university intranet for additional information.

### Undergraduate Transfer Credit from Bible Schools

In addition to the regulations just enumerated, the following regulations clarify the basis of transfer for work completed in a standard Bible college:

1. Credits earned in the field of religion in a standard Bible school of college level are considered for transfer purposes on the same basis as credits earned in other fields in a regular college or university.
2. Credits earned in a Bible school of approved collegiate standing are accepted on the same basis as credits earned in any other institution of college level.
3. Credits in the academic fields earned in a Bible school which does not have a recognized college department may be transferred only by validation. This validation may be secured by examination, as in English, or by the completion of the next course in sequence with a minimum grade of C, as in Greek. The procedure used is that recommended by the department. All validation examinations must be completed within the first half-semester of a student's registration in BJU. A fee is charged for each validation examination.
4. Evaluation of credits completed in Bible schools is made according to the regulations governing all transfer work, including the quality of work required, the maximum number of credits which may be transferred, etc.
5. Because of the wide variety of religion courses offered in Bible schools and because of the variations existing in course titles and course contents from school to school, Bob Jones University allows all transfer credits in religion on an equivalence basis in terms of courses and credits listed in the Undergraduate Catalog under the School of Religion. This assignment of credits is made on the basis of the contents of the courses pursued elsewhere as compared with parallel courses offered in this institution.
6. Upon completion of the credit review processes, students will be notified of the decision by the Registrar's Office. A student wishing to challenge course credits deemed ineligible for credit must file a written appeal with the registrar, who will bring the matter to the attention of the Deans Council. Within 10 business days of receipt of the appeal, the chair of the Deans Council will notify the student of the Deans Council's decision.

### Transfer Work Procedures

**Approved Work:** Accepted courses are recorded with a Bob Jones University catalog number and the title of the course transferred from the other institution. Approved transfer work is available on one's checksheet under the Academics menu option in StudentCentral. Any apparent contradiction, omission or error should immediately be brought to the attention of the credentials analyst in the Registrar's Office.

**Validation Approval:** Courses subject to validation by placement test, portfolio or division approval. Validation ensures the level of instruction for continued study in the subject area.

1. If continuing in a subject area at Bob Jones University, all validations must be secured at the time of the student's initial semester registration at Bob Jones University.
2. If not continuing in a subject area, validation is not necessary and the courses may be approved as elective credit. By the end of the student's initial semester of enrollment at Bob Jones University, the student must notify the Registrar's Office of his or her intent to discontinue study in that area at Bob Jones University.



**Conditionally Approved:** Courses currently in progress at another institution and conditionally approved based upon final grades with receipt of an official transcript. Only grades of A, B or C will transfer.

**Pending Approval:** Courses where additional information is needed (e.g., course description, syllabus, etc.) before a decision can be made.

Transfer work is not calculated into an undergraduate student's grade point average (GPA) until the degree has been conferred. Transfer work of an associate degree student or a graduate student is not calculated into his or her GPA.

## Transfer Work Waiver

Students may waive receiving transfer credit for courses from a previously attended institution by completing a Transfer Work Waiver. Any coursework waived can never be counted toward any undergraduate degree at Bob Jones University. The student may have to retake the courses at Bob Jones University to fulfill degree requirements. The Transfer Work Waivers should be completed at the Registrar's Office by the end of the student's initial semester of enrollment.

## Transfer Work Validation Waiver

Students who do not pass or do not pursue validation for transfer work (e.g., art, music theory, world languages, etc.) and who will not be continuing in the subject area, including as a major or minor, may have such courses count as general electives. By the end of the student's initial semester of enrollment at Bob Jones University, the student must complete a Transfer Work Validation Waiver at the Registrar's Office to have transfer work count toward elective credit. If the student decides to continue in the subject area, all prerequisites must be met. If later the student changes to a major or minor in the subject area, a Transfer Work Waiver form must be completed at the Registrar's Office. The transfer work will then be removed from the student record.

## HOUSING AT BJU

All single students under 23 years of age, except those residing with their parents or close relatives in the local community, are expected to live in the university residence halls. Students must supply their own textbooks and school supplies, as well as their own twin bed mattress cover and linens, blankets, pillows and towels. The University suggests that students wait until they arrive before purchasing room furnishings such as small refrigerators.

Two housing options are available according to classification. Freshmen live on freshman floors in order to maximize their first-year experience in a community of freshmen and upperclassman peer leaders where freshmen are challenged to grow personally, academically, socially, and spiritually. There are freshman floors in men's and women's residence halls. In addition, seniors can select to live in seniors rooms with one other senior and have fewer everyday living requirements. These rooms are sprinkled throughout the regular halls.

BJU, through Human Resources, lends assistance to married couples in locating housing in the area.

*Note:* BJU is not legally liable for injuries or damages to property, or for failure or interruption of utilities, or for interruption of services due to weather or acts of nature occurring in the residence halls. Students are strongly encouraged to provide their own personal insurance.

## STUDENT IMMUNIZATIONS

All reservations for residence programs are contingent upon the applicant's submitting the BJU Student Immunization form. First-time students who do not complete this requirement prior to matriculation must obtain the required immunizations at area medical providers in the first few weeks after their arrival on campus.

# Financial INFORMATION

<i>Full-Time Students</i>	
Tuition per semester (12–18 credits)	\$9,550
Room & Board per semester	\$3,950
Program Fee per semester (typical - varies by program)	\$800
Additional credits above 18, per credit	\$410
<i>Part-Time Students</i>	
Tuition per credit (1–11 credits)	\$820
Program Fee (1–5 credits)	\$275
Program Fee (6–11 credits)	\$400
Audit (per credit)	\$225
<i>Online Learning</i>	
Online Course Tuition (per credit)	\$450
Online Course Fee (per credit, resident students)	\$100
<i>Summer</i>	
Internships - Tuition per credit	\$150
Directed Studies, Capstone, Linguistics Courses - Tuition per credit	\$450
Mission Team Courses - Tuition per credit	\$225

*(Rates subject to change if necessary.)*

## TUITION

The full-time tuition rate for undergraduate students includes a load of 12–18 credits.

There will be an additional per credit charge for any load over 18 credits.

1. All residence hall students are required to carry a minimum of 12 credits. If a student receives special permission to live in the residence hall while taking fewer than 12 credits, that student is still considered as full time, both financially and academically. However, a student must be enrolled in 12 credits to be eligible for most state and federal financial aid.
2. Part-time students who repeat a course will be required to pay the regular per credit charge for that course. Part-time students who audit a course, will pay a reduced per credit charge for that course.
3. Online Learning: Tuition for online learning courses will be charged separately from in residence courses unless the student is also a full-time resident student.
4. Summer: Tuition for summer resident courses, mission teams, study abroad and internships is due at the time of registration. No refund of tuition will be given if the course is not completed.

## FEES

<i>Admission</i>	
Application	\$25
Reservation deposit (new student)*	\$250
Reservation deposit (returning student)*	\$50
*Credited against the first month's billing per semester.	
<i>Courses</i>	
Drop/Add per course	\$5
Course/Lab Fee	Varies
Introduction to College English (En 095)	\$100
Liberal Arts Math (Ma 080) and Math Preparatory (Ma 090)	\$450
• Additional attempts	\$200
• Optional Math Modules	\$40
Applied Music Lessons (non-music majors or minors)	
• Private Applied Lessons per semester	\$250
• Group Applied Lessons per semester	\$100
<i>Examinations</i>	
TOEFL examination	\$25
Validation Examinations, per exam	\$100
<i>Certificate Completion</i>	
Certificate order	\$25
Certificate reorder	\$35
<i>Graduation</i>	
Associate and Bachelor's degrees	\$100
Diploma reorder	\$50
Nurses Pinning Ceremony	\$170
<i>Miscellaneous</i>	
Instrument rental	\$100
Summer Orientation	\$100
International Student Orientation	\$200
Residence Hall Security per semester	\$70
Automobile Registration per semester	\$100
<i>Vintage</i> (Yearbook) per semester	\$25

(Rates subject to change if necessary.)

## EXPLANATION OF FEES

### Program Fee

A program fee will be charged to every student at the beginning of each semester. The program fee covers various aspects of the student experience including the use of the library, athletic facilities and events, computer network access, and other technology services, mail services, registration

expenses, and supply fees associated with courses. The program fee will vary according to the student's major as expenses for each major may differ greatly. The fee also covers Concert, Opera & Drama Series tickets for students who are enrolled with at least six credits. All privileges covered by the program fee are forfeited for the remainder of the year if a student withdraws during a term for any reason.

### Online Course Fee

Undergraduate BJU resident students may register for one online course per semester. Students are responsible for any applicable online course fees. Online courses are available to students not on an academic restriction.

### Application Fee

An administrative fee required for processing one's application to Bob Jones University.

### Reservation Fee

Once a student has been notified of his or her admittance, a reservation fee will be due by May 1 for first semester and November 1 for second semester. This is a nonrefundable fee but is credited to the first bill.

### Course/Lab Fee

A fee will be charged to students in courses which note such a fee in the course description. This fee is beyond tuition and program fees.

### Introduction to College English

A fee will be charged to students with an English ACT score 14 or below or Writing SAT score 20 or below who register for En 095 Introduction to College English. En 095 must be successfully completed before the student can register for En 101. If a student challenges his or her English placement by successfully passing the English Placement Test to drop En 095 and register for En 101 prior to the end of the drop/add period, the fee will be waived.

### Math Modules Fee (Liberal Arts Math & Math Preparatory)

A math module fee will be charged to students with math ACT score 17 or below or math SAT score 510 or below who register for the Liberal Arts Math Modules (Ma 080) and to students with math ACT score 19 or below or math SAT score 530 or below who are in programs that require a math course and who register for both the Liberal Arts Math Modules (Ma 080) and Math Preparatory Modules (Ma 090). The math module fee is charged at the beginning of the semester the student registers for math modules. If a student successfully passes all pretests for required modules prior to the end of the drop/add period, the student may drop the math modules and the fee will be waived. Additional charges are incurred for students who must register for the math modules (Ma 080) more than once.

Access to math modules is available for a fee to students with math ACT or SAT scores above the minimum requirements but whose computational skills need to be further developed or refreshed to be successful and competitive in their chosen program. The fee for optional math modules is charged once the student completes the appropriate pretest(s). Students interested in the optional math modules should visit the Academic Resource Center for more information.

### Applied Music Lessons (non-music majors or minors)

The Division of Music is pleased to offer all University students, regardless of major, the opportunity to take applied music lessons for academic credit, subject to audition and faculty availability. Studio fees cover the additional cost of specialized instruction from our artist-teacher faculty, instrument and equipment maintenance and repair, and access to practice facilities.

- Private applied music lessons: Students receive individualized instruction in piano, organ, voice and orchestral instruments in 12 weekly lessons and earn one (1) academic credit per semester.
- Group applied music lessons: Students developing beginning- to intermediate-level skills may receive group instruction in piano, voice, violin or cello and earn one (1) academic credit per semester.

Students may audition for applied music lessons during Summer Orientation and during any University pre-registration/registration period.

The private applied lesson studio fee applies to any non-music major or non-music minor enrolled in a private lesson.

The group applied lesson studio fee applies to any non-music major enrolled in a group class (e.g., Pi 101, Vi 101, Vo 101, etc.). *Music minors must audition into private applied lessons, so the group studio fee policy does not apply to them.*

Music majors pay a program fee that includes studio fees for private lessons and group classes; they are not charged additional studio fees.

Studio fees are billed after Drop/Add.

## Certificate Completion

All students who are completing a certificate will be charged a certificate completion fee. This fee covers the cost of the certificate. Certificates are ordered from the engraver for December in October, for May in February and for August in June. If a student's plans for certificate completion change after the certificate has been ordered, the student will be charged a certificate reorder fee.

## Graduation

All students who are candidates for graduation will be charged the graduation fee. This fee covers the cost of the diploma, the rental of academic regalia and administrative costs, and is payable in full whether the candidate receives the degree in person or in absentia. Diplomas for May graduation are ordered from the engraver in February, and August diplomas are ordered in June. If graduation plans are canceled or changed after the diploma has been ordered, the student is charged for the unused diploma.

## Residence Hall Security Fee

As part of the residence hall security, BJU charges a fee to residence hall students at the beginning of each semester to cover the access to residence hall rooms.

## Vehicle Registration

A student who brings an automobile or motorcycle to campus must register the vehicle with the Office of Public Safety. A vehicle registration fee will be charged per semester for all residence hall and day student vehicles. Day students who have more than one vehicle to register may register the additional vehicle, provided only one of the vehicles will be parked on campus at any given time. A separate, smaller fee will be charged for each additional vehicle.

## Vinatage (Yearbook) Fee

Full time students pay a yearbook fee (required) of \$25 in both the fall and spring semesters. A student attending only one semester of an academic year, may purchase a yearbook by paying the second semester fee of \$25.

## Aviation

See USAeroFlight LLC of Greenville for a current list of class and flight expenses. Students pay USAeroFlight directly.

## TERMS OF PAYMENT

Semester charges (including tuition, room, board and program fee) will be posted to a student's account prior to the start of each new semester with payment due by August 5 for the first semester and January 5 for the second semester. The balance may be paid in full or a minimum payment may be made based on the schedule below. The first minimum payment must be made before a student can complete registration and attend class. If a student fails to pay a student account bill or any monies due and owing BJU by the scheduled due date, BJU will place a financial hold on the student's account, preventing the student from registering for future classes, requesting transcripts or receiving a diploma.

Any student whose past-due balance from a previous semester has not been paid by July 1 for the Fall semester or by January 2 for the Spring semester may not enroll for the upcoming semester until payment in full of past due balance AND the first minimum payment of the upcoming semester have been paid.

Any student using U.S. Department of Veteran Affairs (VA) Post 9/11 G.I. Bill® or Vocational Rehabilitation and Employment benefits, while payment to the institution is pending from the VA and who has on file with the financial aid office an Intent to Use Military Benefits form, will not be prevented enrollment, assessed a late fee, required to secure alternative or additional funding, or be denied access to any resources available to other students who have satisfied their tuition and fee bills to the University.

<i>Amount Owed</i>	<i>First Semester</i>	<i>Second Semester</i>
25% of the total balance	August 5	January 5
33⅓% of the total balance	September 5	February 5
50% of the total balance	October 5	March 5
100% of the total balance	November 5	April 5

### Billing Statements

Bob Jones University has paperless billing statements. The guarantor of a student's account will be notified by email on approximately the 16th of each month that the statement is available online.

A student may view his or her account and statements online at any time through StudentCentral. A student may also grant his or her parents or guarantor rights to view the account and statements online.

### Methods of Payment

Payments may be made online by students or parents/guarantors who have been given rights to view the online statements. Those with rights to view statements online may also enroll in an automatic payment program.

Payments may be made by mailing a check or money order to Financial Services. Payments may be made in person at the Student Services Hub with cash or check or with American Express, Discover, MasterCard or Visa (a fee will be added for credit and debit card payment). Payments may also be made by phone.

Payments received in the Financial Services office after 4 p.m. will be credited to the student's account the next business day.

### Late Fees

A \$25 late fee will be added to any unpaid portion of the minimum payment due if not paid by the due date.

## Return Check/ACH Policy

A return check fee will be charged on any payment returned by a bank unpaid.

## FINANCIAL TERMS

### Early Withdrawal

Any student who withdraws after completing the check-in process for any term will owe tuition, program fee, and room and board charges for the semester pro-rated through the date of withdrawal. This applies to a student who leaves for any reason—either voluntary withdrawal or suspension. Bruins Bucks are non-refundable.

### Course Withdrawal Adjustment Policy

No adjustment will be made in tuition or program fees for courses which are dropped after five weeks.

### Nonacademic Term Room & Board

Students arriving before the opening of the residence halls for an academic term or who remain on campus after the residence halls close following an academic term will be charged a per day fee for room (and board when BJU Dining Services is available). The room and board costs for student intercollegiate athletes who are on campus at the direction of their head coaches during any nonacademic term will be charged to the athletic department.

### Collection Fees

If it becomes necessary to refer unpaid charges to a collection agency, the cost of collection will be added to the balance due. This amount (in addition to the outstanding balance) must be paid before the account is considered satisfied.

### Release of Transcript

A student's account must be cleared with Financial Services before a transcript can be released.

## RETURN OF TITLE IV FUNDS POLICY

Students earn federal financial aid by attending classes, and federal regulations state that students who withdraw during a term may keep only the Title IV financial aid funds they have earned up to the date of withdrawal.

If a student withdraws prior to completing 60 percent of the period or term, the Office of Financial Aid will calculate the earned portion of federal financial aid by determining the percentage of the payment period or term that has been completed. The date of withdrawal used to calculate the return of Title IV aid is based on the last date of the student's attendance in class. The funds to be returned will be calculated by the Office of Financial Aid based on a formula provided by the U.S. Department of Education.

If a student earned less aid than was disbursed, the institution is required to return a portion of the funds and the student may be required to return a portion of the funds. Once the Title IV funds are returned, the student may have a balance due on his or her account.

If a student received a disbursement of federal aid for educational expenses over and above the charges for tuition, program fee, and room and board (when applicable), the student may be required to repay a portion of those funds to the federal aid programs. Failure to return federal aid money may result in loss of eligibility for federal aid in the future.

If a student earned more aid than was disbursed to him, the institution would owe the student a post-withdrawal disbursement which must be paid within 120 days of the student's withdrawal.

Title IV funds will be returned to the U.S. Department of Education in the following order:

1. Unsubsidized Federal Stafford Loan
2. Subsidized Federal Stafford Loan
3. Federal Parent (PLUS) Loan
4. Federal Pell Grant
5. Federal Supplemental Opportunity Grant
6. Other Title IV assistance
7. Other state aid
8. Private and institutional aid
9. The student

*Note:* Students who never began attendance in any classes at Bob Jones University are not eligible for Title IV funds. If a disbursement was made prior to determining that the student never began attendance, funds must be returned to the U.S. Department of Education. Any funds disbursed to a student must be returned to the Department of Education by the student.

## RETURN OF DEPARTMENT OF DEFENSE TUITION ASSISTANCE FUNDS POLICY

If a student withdraws prior to completing 60 percent of the period of the term, the Office of Financial Aid will calculate the earned portion of Tuition Assistance Funds by determining the percentage of the payment period or term that has been completed. The date of withdrawal used to calculate the return of Tuition Assistance Funds is based on the last date of the student's attendance in class. The funds to be returned will be calculated by the Office of Financial Aid using the below formula.

<i>16-week Course withdraw timeline:</i>	
Before or during weeks 1–2	100% return
During weeks 3–4	75% return
During weeks 5–8	50% return
During weeks 9–10	40% return (60% of course is completed)
During weeks 11–16	0% return

<i>8-week withdraw timeline:</i>	
Before or during weeks 1	100% return
During weeks 2	75% return
During weeks 3-4	50% return
During weeks 5	40% return (60% of course is completed)
During weeks 6-8	0% return

Unearned Tuition Assistance funds will be returned to the government within 30 days of a student's withdrawal. In instances when a Service member stops attending due to a military service obligation, the Office of Financial Aid will work with the affected Service member to identify solutions that will not result in student debt for the returned portion.



# Application

## FOR FINANCIAL AID

### STEP 1: APPLY TO BJU

In order to qualify for financial aid, the recipient must be admitted as a student. A student may begin this process as early as the fall of the junior year of high school or the summer before the senior year.

### STEP 2: BEGIN TO SEARCH FOR SCHOLARSHIPS

Many non-government and non-BJU scholarships and grants have application deadlines between January and May.

### STEP 3: COMPLETE THE FAFSA (FREE APPLICATION FOR FEDERAL STUDENT AID)

The FAFSA will open October 1 each year for the next academic year at [www.fafsa.gov](http://www.fafsa.gov). The Bob Jones University institution code is 003421. The FAFSA application process will identify the student's EFC (Expected Family Contribution)—the amount of money the federal government calculates a family should be able to contribute to the student's college expenses. The EFC is used not only to determine federal aid, but also to establish eligibility for BJU financial aid.

### STEP 4: COMPLETE ANY REQUIRED PAPERWORK

The BJU Financial Aid office may request additional paperwork if needed. Any necessary documents must be submitted for review before July 1 to ensure that any available aid will appear on the first statement of the year as expected aid.

### STEP 5: RECEIVE AN AID OFFER

Once the financial aid process has been completed, the Office of Financial Aid will send an aid offer. This offer will list all federal, state and BJU-related aid the student is eligible to receive.

In order to take advantage of all possible financial aid opportunities, the student should complete the FAFSA and all nongovernment and non-BJU scholarship, grant and loan applications by March 1 of each year.

## GRANTS & SCHOLARSHIPS

### Federal

Because Bob Jones University is an accredited university with Title IV status, students are eligible to receive federal grants, including the following: To apply, complete a FAFSA.

Source	Award basis	Amount per year	Eligibility for renewal
Pell Grant	Financial need	Up to \$6,345	<ul style="list-style-type: none"> <li>Financial need based on FAFSA</li> <li>Must maintain satisfactory academic progress</li> </ul>
Federal Supplemental Educational Opportunity Grant (FSEOG)	Financial need	\$550 (EFC must be 100 or less)	

### South Carolina Grant Opportunities

The following grants are available for qualifying South Carolina residents:

Source	Award basis	Amount per year	Eligibility for renewal
South Carolina LIFE Scholarship	<ul style="list-style-type: none"> <li>Academic merit</li> <li>Must be a South Carolina high school graduate</li> <li>Requires proof of SC residency</li> </ul>	<ul style="list-style-type: none"> <li>Up to \$5,000</li> <li>\$7,500 available for math and science majors (sophomore and above)</li> </ul>	<ul style="list-style-type: none"> <li>Maintain 3.0 cumulative GPA</li> <li>Complete average of 30 credits per academic year</li> </ul>
South Carolina HOPE Scholarship	<ul style="list-style-type: none"> <li>Freshman students only</li> <li>Academic merit</li> <li>Must be a South Carolina high school graduate</li> <li>Requires proof of SC residency</li> </ul>	\$2,800	<ul style="list-style-type: none"> <li>Maintain 3.0 cumulative GPA</li> <li>Complete 30 credits per academic year</li> </ul> (If renewal criteria are met, receive LIFE scholarship beginning with sophomore year.)
South Carolina Palmetto Fellows Scholarship Program	<ul style="list-style-type: none"> <li>Academic merit</li> <li>Must be a South Carolina high school graduate</li> <li>Requires proof of SC residency</li> </ul>	<ul style="list-style-type: none"> <li>\$6,700 for freshmen</li> <li>\$7,500 for sophomores and above</li> <li>\$10,000 for math and science majors (sophomore and above)</li> </ul>	<ul style="list-style-type: none"> <li>Maintain 3.0 cumulative GPA</li> <li>Complete 30 credits per academic year</li> </ul>
South Carolina Tuition Grant (Requires FAFSA by June 30)	<ul style="list-style-type: none"> <li>Based primarily on financial need</li> <li>Requires proof of SC residency</li> </ul>	<ul style="list-style-type: none"> <li>Up to \$3,600</li> </ul>	<ul style="list-style-type: none"> <li>Complete 24 credits per academic year</li> </ul>

## BJU Grants & Scholarships

Source	Award basis	Amount per year	Eligibility for renewal
Academic Excellence Award	<ul style="list-style-type: none"> <li>Based on ACT, SAT or CLT scores received before July 1</li> <li>Must be full-time student</li> </ul>	<ul style="list-style-type: none"> <li>Up to \$10,000 ACT: 32+ / SAT: 1450+ / CLT 97+</li> <li>\$6,500— ACT: 29+ / SAT: 1350+ / CLT: 89+</li> <li>\$4,500— ACT: 24+ / SAT: 1160+ / CLT 76+</li> </ul>	<ul style="list-style-type: none"> <li>Maintain 3.0 GPA</li> <li>Full-time student</li> </ul>
Legacy Scholarship	Parent(s) received degree or certificate from BJU	• \$500 per alumni parent	<ul style="list-style-type: none"> <li>Must maintain satisfactory academic progress guidelines</li> <li>Full-time student</li> </ul>
Ministry Scholarship	<ul style="list-style-type: none"> <li>Residence hall student</li> <li>At least one parent employed full-time in a Christian ministry</li> </ul>	Up to \$2,000	<ul style="list-style-type: none"> <li>Must maintain satisfactory academic progress guidelines</li> <li>Full-time student</li> </ul>

## Need-based Aid

Source	Award basis	Amount per year	Eligibility for renewal
School of Religion Scholarship	School of Religion Majors	Up to \$12,500 for residence hall students Up to \$6,250 for day students)	Maximum amount will include all BJU awards
Founder's Grant	Non-School of Religion Majors	Up to \$8,500 for residence hall students	
Financial Assistance Scholarship		Up to \$4,250 for day students	

## Additional Resource for Scholarships

BJU ScholarshipUniverse, a scholarship matching tool, is the university's resource for providing information concerning additional sources of aid. Access is granted following a student's acceptance as a student to BJU.

## Military Tuition Assistance

Bob Jones University is a proud supporter of members of the U.S. military. Active service members may take advantage of the Tuition Assistance Benefits. Our Military Educational Benefits Coordinator collects the required documentation and informs the respective military branch that a beneficiary has begun enrollment in order for benefits to begin. Below are the steps for applying for Tuition Assistance benefits.

### How to Apply for Tuition Assistance Benefits

1. Speak with your Educational Services Officer prior to enrollment.
2. Apply to BJU.
3. After being admitted to BJU, request Tuition Assistance for the course(s) you wish to take following your military branch's instructions. Note: each branch has its own deadlines.
4. Complete the Office of Financial Aid's Intent to Use Military Benefits form which must be submitted each semester the student wishes to use the benefit.
5. Upon receipt of all required documents and after Drop/Add period, enrollment certification will be submitted to the appropriate branch by the Military Educational Benefits Coordinator.

## Veterans Benefits

Eligible veterans, their spouses, and their children can use Veterans Administration (VA) education benefits to help cover their tuition and fees at BJU. Our VA Educational Benefits Coordinators collect the required documentation and informs the VA that a beneficiary has begun enrollment in order for benefits to begin. Below are the steps for applying for VA benefits.

### *How to Apply for VA Benefits*

1. Apply to BJU.
2. After being admitted to BJU, apply for Veterans Educational Benefits. Information about eligibility, applications and certification from the Veterans Administration can be found at (888) GI-BILL-1 or from BJU's military educational benefits coordinator.
3. Post 9/11 and Dependent Assistance: Send a copy of your Certificate of Eligibility and complete the Intent to Use Military Benefits form which must be submitted each semester the student wished to use the benefit.
4. Chapter 1606: Send monthly amount letter. If eligible for the Kicker, send Kicker verification.
5. Upon receipt of all required documents and after the Drop/Add period, enrollment certification will be submitted to the VA Regional Office.

## FEDERAL LOANS

### Federal Direct Student Loan Programs

Undergraduate students enrolled at least half time (6 credits) may be eligible for both the Federal Direct Subsidized and Unsubsidized loans. Graduate students are only eligible for the Federal Direct Unsubsidized loans. The Direct Subsidized and Unsubsidized loans are fixed interest rate loans. Limits on how much students can borrow per loan are established based on financial need, dependency status and academic classification.

- Subsidized—a need-based loan only awarded to those eligible students who show financial need on the FAFSA. No interest accrues on this loan as long as a student is enrolled at least half time.
- Unsubsidized—available to any eligible student who is enrolled at least half time whose financial aid does not meet the maximum Cost of Attendance. Interest begins accruing immediately.
- Borrowers may receive Direct Subsidized Loans for no more than 150% of the length of the student's current academic program (e.g., six years for a four-year program)
- If a student reaches the 150% time limit and continues to enroll, he or she will lose the interest subsidy on the subsidized loans borrowed in the past.
- Student who have reached the 150% limit will remain eligible for Direct Unsubsidized Loans.
- Federal Direct Student Loans are requested through BJU's Office of Financial Aid. To receive the loans, the student must also complete the Entrance Counseling and Master Promissory Note (MPN) at [www.studentloans.gov](http://www.studentloans.gov).

### Parent PLUS Loan

The Parent PLUS loan is available to parents of a dependent, undergraduate student to help fund his or her college education. Eligibility is based on credit history, not financial need, and parents may borrow up to the maximum cost of attendance (COA). Application for this loan can be made at [www.studentloans.gov](http://www.studentloans.gov).

## PRIVATE LOANS

The private student loan market includes a multitude of lenders. While BJU does not recommend, promote or endorse one lender above another, it does provide a comparison tool from ELMSelect (www.ELMSelect.com) of a variety of lenders in order to aid its students in their initial search process.

The lenders used are neither exhaustive of all private lenders available nor a limitation of a student's choice of lending institution; it serves only as a historical list. A student may also want to pursue private loans offered through his/her home state and/or personal financial institution. BJU will work to certify any student's choice of lender.

## OTHER TYPES OF FINANCIAL AID

A few other types of aid are also available to families with college-bound students:

- 529 college savings plan\*  
A tax-deferred long term savings account established by a parent to pay for a child's education  
\*Bob Jones University does not participate in the prepaid tuition 529 state plans.
- Tax credits\*\*
- **American Opportunity Tax Credit:** Provides up to \$2,500 in tax credits on the first \$4000 of qualifying educational expenses for those who are eligible.
- **Lifetime Learning Tax Credit:** Provides a tax credit of 20 percent of qualifying tuition expenses for those who are eligible.
- **Student Loan Interest Deduction:** Interest on qualified student loans may be deductible  
\*\*For more information about tax credits for postsecondary students, please see a qualified tax professional.

## SATISFACTORY ACADEMIC PROGRESS POLICY FOR FEDERAL FINANCIAL AID AND MILITARY BENEFITS FOR UNDERGRADUATE STUDENTS

Federal and state regulations require that all students who receive financial aid must maintain Satisfactory Academic Progress (SAP) while working toward an eligible degree. Bob Jones University's SAP standards are as strict as or stricter than the academic performance standards of the University and are measured in three areas: completion rate, cumulative grade point average (GPA), and maximum time frame (Pace). The Standards of SAP apply to federal, state, institutional aid and all military benefits including tuition assistance and veteran benefits. Progress is measured at the end of each payment period (fall, spring or summer) that a student is taking classes.

Students must meet all of the following requirements in order to receive financial aid:

### Completion Rate (applies to all students)

Completion rate is measured by dividing the number of attempted credits into the earned credits. A student MUST earn 67 percent of credits attempted to maintain SAP. Completion rate is rounded to the nearest percentage point. The following are considered when evaluating a student's completion rate:

1. All courses in which a student remains enrolled past the Drop/Add period.
2. All transfer credits accepted by Bob Jones University toward the current degree (transfer credits come from two sources: other institutions and/or when a student changes from a bachelor's degree to an associate degree).
3. Withdrawals (W, WF), incompletes and failures (grade F), and courses where academic forgiveness has been received are considered attempted but not earned credits.
4. For pass/fail courses:
  - a. *Pass is considered attempted and earned credits.*
  - b. *Fail is considered attempted and not earned.*

5. Repeated courses are included in the completion rate as follows:
  - a. *A previously passed course may be repeated only once in order to improve the grade.*
  - b. *A failed course may be repeated as often as necessary in order to pass.*
  - c. *A course is considered passed even if the grade is not considered acceptable for a specific program, (e.g., receiving a D in a major course).*
6. Remedial courses are included in the calculation of both attempted and earned credits.
7. Audited courses do not count toward the completion rate.
8. All coursework for students enrolled in a double major/dual degree program. NOTE: If all degree requirements are met for the first major/degree program prior to graduation, a student becomes ineligible for federal grant aid for any additional semester(s) where the student enrolls in coursework for the second major/degree.

### Cumulative GPA

Students are required to earn a cumulative GPA of 2.0 or higher from courses taken at Bob Jones University in order to earn an associate or bachelor's degree from BJU. The GPA calculation includes all courses taken through BJU, campus or online, and any approved transfer courses including any BJU coursework that has received academic forgiveness. Withdrawals (W and WF) are not included in the GPA calculation. In order to retain financial aid eligibility, a student must maintain a cumulative GPA as listed below:

Student's cumulative GPA based on the number of credits attempted must meet the criteria below. :

- 1.6 for 24 or fewer credits attempted
- 1.75 for 25–48 credits attempted
- 1.85 for 49–72 credits attempted
- 1.9 for 73–96 credits attempted
- 2.0 for 97 credits attempted

### Maximum Time Frame for all majors

Students must complete their degree within a maximum time frame. This maximum time frame is met when the attempted credits equal 150 percent of the credits required for a degree program. For example, a student whose degree program requires 120 credits for graduation will be eligible for financial aid during the first 180 attempted credits as an undergraduate. All attempted credits are counted, including transfer credits accepted toward the degree, whether or not financial aid was received or the course work was successfully completed.

Students who are working on a double major/dual degree program are allowed up to 150 percent of the total number of credits required for both major/degree programs. If a student has completed all of his or her requirements for one major/degree, then he or she ceases to be eligible for federal grant aid for the completion of the second major and/or degree.

### Satisfactory Academic Progress (SAP) Status

Academic progress will be reviewed at the end of each payment period: fall, spring and summer. Students not meeting the SAP standards will be notified of their standing for the subsequent payment period.

### FINANCIAL AID WARNING

1. A student is placed on Financial Aid Warning for the payment period following the payment period in which he did not meet the SAP standards.
2. A student is eligible to receive financial aid funds during this payment period, but must meet the SAP standards by the end of the payment period.

3. At the end of the Warning period, if the student has not met the SAP standards, he or she will be notified that he or she is ineligible to receive financial aid for the next payment period.
4. A student may be placed on Financial Aid Warning more than once during his or her college enrollment but may not be placed on Warning for two consecutive pay periods.

### Financial Aid Ineligible

A student will be considered ineligible IF

- At the end of the Warning period the student does not meet the SAP standards and does not appeal the ineligible status.
- The appeal for probation is denied.

### Financial Aid Probation

A student is placed on Financial Aid Probation and will be eligible to receive financial aid for the next payment period IF

1. The student appeals the determination that he is ineligible and the appeal is approved (see Appeals Process).

AND

2. It is determined that he or she should be able to meet the SAP standards by the end of the probation period.

OR

3. An Academic Plan is established that establishes a specific point in time when the SAP standards will be met (see Academic Plans).

### Appeal Process

A student may appeal to the SAP Committee no later than five days after the start of the classes.

1. Student must submit to the Office of Financial Aid:

*a. The Appeal form including:*

- i. Reason for an appeal may include, but is not limited to the following: health, family, catastrophe or other special circumstances as determined by the institution.*

- ii. An explanation of what has changed that will ensure future success.*

*b. Documentation as required by the institution to support the reason for the appeal.*

2. The appeal will be reviewed by the SAP Committee.

*a. A determination will be made to approve or deny appeal.*

*b. A determination will be made if an Academic Plan is required.*

3. If the appeal is approved, the student will be notified that he or she will be on probation for the next payment period and must meet the SAP standards by the end of that period, or an academic plan must be signed by his or her advisor or an Academic Resource Center coach and submitted to the Office of Financial Aid.

*CAUTION: If the appeal has not been approved prior to registration, the student is responsible to pay the amount required to begin classes.*

### Academic Plans

If it is determined that a student cannot meet the SAP standards in one payment period, the student may submit an academic plan which establishes the required number of credits and required GPA

for each payment period during which the student will continue to work toward the goal. The Academic Plan must be approved by the student's advisor or a staff member from the Academic Resource Center. This staff member must be familiar with the student's abilities and determine that the goal can be met in the time allowed.

### Reinstatement

A student's eligible status will be reinstated once he or she has met SAP standards OR the individual has successfully appealed an ineligible standing. An undergraduate student in a bachelor's program may change to an associate degree which will reset their financial aid status to eligible. The student must meet SAP requirements at the next evaluation period. If SAP requirements are not met, the student will then be placed on Financial Aid Warning.

### Student Work Program

Through BJU's Student Work Program, students earn money working on campus during the academic year. Qualifying students work 5 to 25 hours a week (depending on jobs available). Earnings are paid biweekly and are applied to a student's tuition account or paid in cash.

Campus job opportunities are available in many departments. Students in the program work for managers who are concerned for the students' academic well-being and are flexible in accommodating class schedules. The University cannot guarantee work for all students and cannot guarantee that each student will earn the approved amount each week.

An application for a job may be made through [www.bju.edu](http://www.bju.edu).

The Student Work Program gives priority to undergraduate students living in the residence hall. International students are limited to a maximum of 19 hours per week, inclusive of all jobs combined during the entire academic year (including holidays and breaks).

A limited number of work students may also qualify for the Federal Work-Study Program, which is a federally funded aid program available to eligible students. See Policy Volume VI on the university intranet for additional information.

<i>Weekly Hours</i>	<i>Net (2 weeks)</i>	<i>Weeks</i>	<i>Amount</i>
5	\$71.27	32	\$1,140
10	\$136.07		\$2,177
12	\$161.21		\$2,579
15	\$198.62		\$3,178
20	\$260.54		\$4,169
25	\$321.83		\$5,149



# Academic INFORMATION

Bob Jones University is composed of eight schools: the College of Arts and Science, the School of Health Professions, the School of Religion, the BJU Seminary, the School of Fine Arts and Communication, the School of Education, the School of Business and the School for Continuing, Online and Professional Education.

Please refer to the current BJU Seminary and Graduate Studies Catalog for detailed information regarding certificates and graduate degree offerings, including information regarding learning objectives, goals, course offerings and sequencing, and degree conferral requirements.

## ACCREDITATION

### Regional

*Southern Association of Colleges and Schools Commission on Colleges*

Bob Jones University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, master's, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Bob Jones University.

### National

*Transnational Association of Christian Colleges and Schools*

Bob Jones University is accredited by the Transnational Association of Christian Colleges and Schools. Inquiries regarding compliance with accreditation policies and standards may be directed to the Transnational Association of Christian Colleges and Schools, 15935 Forest Road, Virginia 24551; phone (434) 525-9539; fax (434) 525-9538; email: [info@tracs.org](mailto:info@tracs.org).

## CURRICULA & RESIDENCY REQUIREMENTS

### BJU Core

As Jesus matured in his humanity, He “grew in wisdom and in stature, and in favor with God and man” (Luke 2:52). Combined with your academic major, the BJU Core is designed to inspire you toward the same Christlike maturity. The BJU Core equips you to know and imitate our Creator. It enables you to communicate truth, appreciate beauty, and understand and engage diverse cultures so that you can be “salt and light” in a fallen world.

The BJU Core also develops the essential professional and ministry skills of critical thinking, problem solving, effective oral and written communication, and ethical decision making—marketable skills that employers seek. In addition, the BJU Core inspires lifelong learning so that you can continue to grow vocationally after college and solve problems that do not yet exist. As a well-balanced professional, you will have the flexibility to navigate the changing employment landscape and become a leader in an increasingly complex global marketplace.

## Goals

- Interpret the Scriptures and defend and apply the essential doctrines of the Christian faith.
- Communicate effectively by various means in a variety of contexts.
- Understand the human experience within the framework of the humanities and fine arts, social sciences, natural sciences, and mathematics.
- Analyze, evaluate, and synthesize information and ideas.
- Solve problems through critical and creative thinking, working independently or collaboratively.
- Embrace a biblical worldview that frames all knowledge and human activity in the light of the Scriptures.

BJU Core Categories	Degree Level and/or Type		
	Associate Degree Programs (27 total credits)	Bachelor Degree Programs (51–63 total credits)	Degree Completion Programs (45 total credits)
Bible <sup>2</sup>	Bi 205 Old Testament Literature & Interpretation (3) Bi 209 New Testament Literature & Interpretation (3)	Bi 205 Old Testament Literature & Interpretation (3) Bi 209 New Testament Literature & Interpretation (3) Th 350 Bible Doctrine I (3) Th 360 Bible Doctrines II (3) Th 499 Apologetics & Worldview (3)	Th 490 Themes in Theology & Apologetics (3) Bible elective (3)
Communication	En 102 Composition & Rhetoric (3) English Composition Course (3) <ul style="list-style-type: none"> <li>• En 101 Composition &amp; Grammar<sup>1</sup></li> <li>• En 103 Composition &amp; Literature</li> </ul> Com 101 Fundamentals of Speech (3)	En 102 Composition & Rhetoric (3) <sup>1</sup> En 103 Composition & Literature (3) English or Writing Elective (3) <ul style="list-style-type: none"> <li>• En 101 Composition &amp; Grammar<sup>1</sup></li> <li>• En 202 British Literature to 1688</li> <li>• En 203 British Literature since 1604</li> <li>• En 204 American Literature since 1607</li> <li>• En 205 American Literature 1607–1865</li> <li>• En 206 American Literature since 1865</li> <li>• Com 211 Expository Writing</li> <li>• Com 222 Fundamentals of Technical Writing</li> <li>• Com 323 Critical Writing</li> <li>• Com 324 Business Writing</li> </ul> Com 101 Fundamentals of Speech (3) Communication course (3) <ul style="list-style-type: none"> <li>• Com 201 Public Speaking)</li> <li>• Com 330 Classroom Communication</li> <li>• Com 410 Oral Communication for the Professions</li> </ul> World Language (12; BA)	Communication Elective (3)

Human Experience	Uni 101 Pathways (3) <sup>1</sup> SSE 200 Foundations of Economics (3) Mathematics or Science elective (3) FA 125 Christianity & the Arts (3)	Uni 101 Pathways (3) <sup>1</sup> Hi 101 The Making of the Modern World (3) SSE 200 Foundations of Economics (3) Sc 200 Essential Science (3) Math/Computer or Science elective (3) Ph 200 Themes in Western Thought (3) FA 125 Christianity & the Arts (3)	Humanities / Fine Arts elective (3) Social / Behavioral Sciences elective (3) Math or Natural Science elective (3) General Education electives (27)
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<sup>1</sup> English placement is according to ACT or SAT scores or placement testing. A grade of C or above is required in En 101 Composition & Grammar. For bachelor programs a grade of C or above is required in En 102 Composition & Rhetoric.

<sup>2</sup> A passing grade is required for 100- and 200-level Bible courses. A grade of C or above is required for 300- and 400-level Bible courses. A bachelor student (except degree completion) must have credit for Th 350 Bible Doctrines, Th 360 Bible Doctrines and Th 499 Apologetics & Worldview. A degree completion student must have credit for Th 490 Themes in Theology & Apologetics. Bachelor students (except degree completion) accelerating in their academic programs and completing all requirements in fewer than eight semesters are accountable for five Bible courses. All transfer students must take at least one Bible course at BJU regardless of the number of Bible courses transferred.

<sup>3</sup> All bachelor students with math ACT score 17 or below or math SAT score 510 or below must register for Ma 080 Liberal Arts Math Modules until they are successfully completed.

<sup>4</sup> Uni 101 is waived for transfer students enrolled at least one semester full time at another college after high school.

### *Baccalaureate Mathematics Proficiency*

Because BJU is a liberal arts institution, a minimum proficiency in mathematics is expected on the baccalaureate level to enable students to reason quantitatively, solve problems analytically and apply critical thinking skills in the various disciplines throughout the BJU Core and in their degree programs, as well as in their future careers.

To aid toward this proficiency, math modules are available for students whose computational skills need to be further developed or refreshed to be successful and competitive in their chosen program. These modules are self-paced under the supervision of an instructor. Once registered for the modules, students will take proficiency pretests, administered by the math department, to determine actual module placement. Students are expected to complete the modules prior to their third semester of enrollment.

There are two branches of math modules, targeting students with different needs:

- **Liberal Arts Math Modules (Ma 080)** are designed to prepare students for quantitative and logical problems. Students with math ACT score 17 or below or math SAT score 510 or below will be required to register for the Liberal Arts Math Modules their first year. Students who do not successfully complete the modules in one semester must register for the modules until they are successfully completed. These modules are also prerequisites for other courses.
- **Math Preparatory Modules (Ma 090)** are designed to prepare students whose program requires advanced math or science courses and who could benefit from a review of the foundational math skills necessary for success in these courses. Students in programs that require a math course and who have math ACT score 19 or below or math SAT score 530 or below must pass both the Liberal Arts Math and Math Preparatory Modules prior to registering for the required math course (recommended completion during their initial semester to stay on track with the program requirements).

All math modules are zero credit and available for a fee during the term completed.

### Semester Credits & Grade Point Average

**Associate Degree:** At least 60 credits and a 2.0 cumulative grade point average must be earned for the associate degree. Students will declare a major in one of the academic schools offering an associate degree.

**Baccalaureate Degree:** At least 120 credits and a 2.0 cumulative grade point average must be earned for the baccalaureate degree. Students will declare a major of at least 36 credits in one of the academic schools and may declare a minor of at least 18 credits. A grade of C or better is required for major, minor and concentration courses.

## General Residency & Enrollment Requirements

At least one year in residence is required at BJU (in either an associate or a baccalaureate program), including the last semester for those who lack more than 11 credits in a baccalaureate degree program or for those who lack more than six credits in an associate degree program. Approval must be secured in advance from the registrar for final work to be transferred from another recognized college in fulfillment of one's degree requirements. If a baccalaureate student is in residence only one year, a full load of work must be carried and a GPA of 2.0 must be earned. For a baccalaureate student who is in residence only two semesters, the year's work will be construed as a minimum of 30 semester credits. If an associate student is in residence only one semester, a full load of work must be carried and a GPA of 2.0 must be earned. For an associate student who is in residence only one semester, a semester's work will be construed as a minimum of 15 semester credits. For residency purposes, as well as for all other academic uses, the summer session is construed as a part of the regular academic year; i.e., one summer of full-time study is considered to be equivalent to one semester of resident study. If all requirements toward a baccalaureate degree are not completed within six years after entrance or if all work toward an associate degree is not completed within four years after entrance, the students may be required to take additional courses. Any student who leaves BJU before completing all requirements for degree conferral is responsible to meet the catalog requirements which are in effect at the time of the student's re-enrollment.

A candidate for a baccalaureate degree must complete a minimum of 30 semester credits in at least two semesters in residence at BJU. A candidate for an associate degree must complete a minimum of 15 credits in at least one semester in residence at BJU.

A candidate for a baccalaureate degree completion program must complete a minimum of 30 semester credits either online or in residence through BJU. A candidate for an associate degree completion program must complete a minimum of 15 credits either online or in residence through BJU.

## Graduate Approval for Seniors

Seniors in their last semester of enrollment who will be completing their bachelor's degree requirements and have a 2.5 cumulative GPA may register for one graduate course for graduate credit.

Seniors who will be pursuing a graduate program at BJU the next semester following the completion of their degree requirements must receive graduate approval from the Deans Council. Application is to be made through StudentCentral under the Academics menu option.

Note: Students desiring to enter a graduate program at BJU the next semester need to have all undergraduate degree course requirements completed by the Wednesday prior to the beginning of classes for the next semester.

## Program Options

### *Associate Degree Candidates*

Students have the option to complete a major, a double major or a second degree.

*Double Major:* Two majors within the same degree level and area (AS). The second major must contain a minimum of 30 unique, non-overlapping credits beyond the first major. All requirements for both majors must be completed. The degree for double majors is conferred on the same person in the same academic year.

*Second Degree:* After a degree has been conferred, one academic year of coursework is necessary before another degree from BJU can be conferred on the same person. Students desiring to pursue a second associate degree or a baccalaureate degree must complete a minimum of 24 credits through BJU following the completion of the associate degree.

## Baccalaureate Degree Candidates

Students have the option to complete a major, a major/minor combination, a major/double minor, a double major, a dual degree or a second degree. Select programs provide for concentrations in which selected coursework related to the major is prescribed that expands the students' knowledge, skills, compliances and values. Some programs provide advising tracks where a selection of course residing within the programs requirements and electives are recommended by a faculty advisor to prepare the student for a specific emphasis to achieve a goal or to prepare for graduate school.

*Major/Minor Combination:* For a minor, coursework is selected in a different field than the major's which expands the students' knowledge, skills, competencies and values.

*Major/Double Minor Combination:* Two minors selected in different field than the major which expands the students, knowledge, skills, competencies and values. The second minor must contain a minimum of 18 credits unique non-overlapping credits beyond the first minor. All requirements for both minors must be completed.

*Double Major:* Two majors within the same degree level and area (BA, BS/BSN, BFA, BMus, BME). The second major must contain a minimum of 30 unique, non-overlapping credits beyond the first major. All requirements for both majors must be completed. The degree for double majors is conferred on the same person in the same academic year.

*Dual Degree:* Two majors in same degree level but different degree areas (BA, BS/BSN, BFA, BMus, BME). The second major must contain a minimum of 30 unique, non-overlapping credits beyond the first major. All requirements for both majors and degrees must be completed. Two degrees are conferred on the same person in the same academic year.

*Second Degree:* After a degree has been conferred, one academic year of coursework is necessary before another degree from BJU can be conferred on the same person. Students desiring to pursue a second baccalaureate degree must complete a minimum of 30 credits through BJU following the completion of the first bachelor's degree.

*Note:* Students desiring to enter a graduate program at BJU the next semester must have all undergraduate degree course requirements completed by the Wednesday prior to the beginning of classes for the next semester.

## Certificates

A Certificate is a unit of curriculum that enables a student to develop specific skills that have proven value to employers. The unit of curriculum may draw upon courses in a major, a minor or the BJU Core and/or include additional courses. Additional certificate requirements may include experiential learning activities, capstone course(s) and/or minimum course grade. Students will be able to see available certificates through StudentCentral, which will also allow the student to enroll in a certificate and see certificates that have been awarded. Awarded certificates will be noted on the student's transcript. Certificates may be earned while completing bachelor's degree requirements. The courses taken for a certificate do not constitute a minor or degree program or lead to any licensure.

## RESERVE OFFICER TRAINING CORPS (ROTC)

### Aerospace Studies–Air Force ROTC

Through an agreement with the Air Force Reserve Officer Training Corps (AFROTC) at Clemson University, Bob Jones University students can concurrently enroll in the AFROTC program at Clemson University. Students can complete Aerospace Studies courses organized for registration under BJU's School of Business, Division of Management, but taught at Clemson University. Students will pursue a commission as Second Lieutenants while completing their bachelor's degree.

In addition to courses, students participate in physical training and a weekly leadership laboratory providing students a training environment to practice leadership principles in a cadet-led Air Force wing. Throughout the program, cadets hone their communication skills through various leadership positions, briefings and papers. Course sequence includes:

- First Year:* Heritage & Values of the United States Air Force
- Second Year:* Team & Leadership Fundamentals
- Third Year:* Leading People & Effective Communication
- Fourth Year:* National Security Affairs/Preparation for Active Duty

There are limited scholarships and incentive programs available to provide funding for tuition, fees and books. In addition, AFROTC students may also be eligible for a monthly tax-free stipend to help offset expenses. Students who complete this program and commissioning requirements may be appointed as Second Lieutenants. Opportunities also exist for graduate or professional study once on active duty, and temporary deferments to active duty may be possible. Interested students should contact the Air Force ROTC office (864-656-3254) at Clemson University.

### Military Science Leadership–Army ROTC

Through an agreement with the Army Reserve Officer Training Corps (AROTC) at Furman University, Bob Jones University students can concurrently enroll in the AROTC program at Furman University. Students can complete Military Science Leadership courses outlined under BJU's College of Arts and Science, Division of History, Government and Social Science and earn a commission as Lieutenants while pursuing a bachelor's degree. The first two years of the program are open to all students. In addition to courses, students participate in physical training and a weekly leadership laboratory. Course sequence includes:

- First Year:* Introduction to the Army  
Foundations of Agile & Adaptive Leadership  
American Military History
- Second Year:* Leadership & Decision Making  
Army Doctrine & Team Development
- Third Year:* Training Management & the Warfighting Functions  
Applied Leadership in Small Unit Operations
- Fourth Year:* The Army Offices  
Company Grade Leadership

Students can complete the program in one to four years. There are limited scholarships and incentive programs available to provide funding for tuition, fees and books. In addition, AROTC students may also be eligible for a monthly tax-free stipend to help offset expenses. Students who complete this program and commissioning requirements may be appointed as Lieutenant in the Army Reserve, National Guard or Active Army. Opportunities also exist for graduate or professional study once on active duty, and temporary deferments to active duty may be possible. Interested students should contact the Army ROTC office (864-656-3107) at Furman University.

## REGISTRATION & ENROLLMENT POLICIES

### Getting Started

#### *Academic Year*

The BJU academic year is divided into two semesters plus summer sessions. The semester hour is the unit of credit.

The most current version of the academic calendar may be found on the BJU website as well as in the current catalogs.

#### *Summer Sessions*

BJU offers undergraduate and graduate courses during the summer as well as via online learning. A student is able to earn a maximum of 18 credits over the summer. Appointed members of the faculty will serve during the summer sessions. The schedule of courses with complete information for the summer sessions is available online.

Prospective students interested in attending the summer session should apply through [www.bju.edu](http://www.bju.edu).

#### *Initial Check-in*

Upon arrival at the start of Welcome Week, all students must check in. At check-in students claim their reservation for enrollment and receive materials as a student at BJU (e.g., Admission Certificate, ID card, information packet).

Students continuing residence enrollment from first to second semester do not receive a certificate but must check in to claim their reservation during posted check-in hours.

### Admission Certificate

For the initial term of an academic year in which a new student enrolls in residence, he or she receives this certificate upon claiming their reservation at check-in. The certificate provides each new student with their campus contact information (including residence hall room assignment), reservation status and academic information. Returning students' campus contact information is available on StudentCentral. For new and transfer students who did not attend summer orientation, the certificate lists placement tests and music auditions to be completed prior to seeing their advisor, based upon the declared major's first-year, first-semester requirements and whether or not they have had ACT or SAT scores reported to BJU. Admission Certificate replacements may be obtained at the Welcome Center (Student Center).

### Preparing to Register

#### *Course Offerings & Descriptions*

The curricula of the catalogs and the suggested class schedules are made up primarily with the degree student in mind. Although the schedules of courses presented in the catalogs are meant to be as nearly as possible an accurate account of the courses to be offered, BJU reserves the right to make any necessary changes at any time in the courses to be offered, amount of credit to be given or any other details.

Indicated after the description of each course in the respective catalogs is the semester in which it is normally offered and the amount of semester credit hours that it carries.

Credit is given in semester hours, each semester hour representing one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for the standard 16-week semester or a minimum of 32 hours of laboratory work with one hour of outside preparation work conducted by the student. Therefore, a class which meets for class work three hours a week for a semester will ordinarily give three semester hours of credit. A class which meets

for classwork three hours a week and for laboratory work a minimum of two hours a week will give four semester hours of credit.

For online learning courses, credit is similarly given in semester hours, each semester hour representing three hours of a combination of instruction, discussion, group work and individual student work.

### *Numbering of Courses*

Courses numbered from **100** to **199** are primarily for freshmen.

Courses numbered from **200** to **299** are primarily for sophomores.

Courses numbered from **300** to **399** are primarily for juniors.

Courses numbered from **400** to **499** are primarily for seniors.

Courses numbered from **500** to **599** are advanced courses primarily for juniors, seniors and graduate students. Whether undergraduate or graduate credit is awarded will be determined by the student's classification or the student's intent at the time he or she registers for the course. Students taking 500-level courses for graduate credit will demonstrate an advanced level of rigor in their outcomes, reading of the literature in the field, and research projects.

Courses numbered from **600** to **799** are primarily for graduate students pursuing master's degrees.

Courses numbered from **800** to **999** are primarily for advanced graduate and doctoral students.

### *Student Loads & Course Repeats*

A normal full-time undergraduate student load is 15 credits a semester; the maximum load is 20 credits (including online learning work). The minimum full-time load for students is 12 credits. Any student who is permitted to enroll for additional credits above 18 will be charged for the additional credits at one-half the per semester hour rate. The basis on which overload permission is granted is the cumulative Grade Point Average (GPA) earned in work completed through the University. For a load greater than 15 credits, a student must have a cumulative GPA of 2.0 or above. BJU recommends that a student with a cumulative GPA less than 3.0 not take more than 18 credits. All loads are controlled strictly by the student's academic average. By restricting a student's load according to the foregoing regulations, BJU aims to enable the student to improve the quality of his or her work rather than to accumulate credits above the 120 required for degree conferral.

No student may register for or receive credit in transfer for more than 18 credits in one semester. The maximum amount of credit which a student may receive for work completed during the summer at BJU and/or elsewhere is 18 semester credits.

No course which has been completed with a grade of C or above at BJU may be repeated except as an audit. Permission to audit requires the approval of the registrar or the dean of the school involved. Any course repeated without this permission will be considered an audit, for which no grade will be given—although the course will count on the student's load.

The original course grade, as well as grades for repeat courses, is included on the student's transcript, and all course grades will be included in the student's cumulative GPA.

### *Internship Credit*

Students may obtain academic credit by participating in an internship program as provided by applicable academic divisions. By providing opportunities for internships on and off campus, BJU encourages students to broaden their learning experience and to explore career options in business, government, the arts and private agencies. All experiences are related to an academic area, and a faculty sponsor must approve the internship proposal in accordance with the procedures outlined below.

**General Eligibility:** To be considered for participation, a student must normally have completed 60 academic credits (including a minimum of 15 credits taken at BJU) and have a GPA of 2.3 or above. Interested students must submit an application and resume by appropriate deadlines.



**Credit Approval:** Internships earn variable academic credit; credit is awarded in accordance with the BJU Course Credit Hour Approval and Review Policy.

**Evaluation and Grading:** The supervising faculty member is responsible for the evaluation of the intern and the internship experience. All internships receive a letter grade in accordance with the BJU grading policy.

For additional information regarding the approval of internship sites, academic credit for internships and student compensation, see Policy Volume V on the university intranet.

## Criminal & Drug Screen Notice

Bob Jones University is committed to ensuring that students have the ability to benefit from the education received at BJU. Students and applicants should therefore be aware that certain affiliates associated with BJU might require that students placed in their facility for internships, clinical or educational experiences clear a criminal background check and/or drug screening prior to placement. A student whose background check is unsatisfactory may be prevented access to the internship or to the educational or clinical site; and as a result, the student may not have sufficient experience to successfully complete his or her program. Similarly, students whose drug screening reveals evidence of illegal drug use may be prevented access to the internship or to the educational or clinical site; and as a result, the student may not have sufficient experience to successfully complete his or her program. Additionally, state licensing boards may deny the individual the opportunity to sit for an examination if an applicant has a criminal history or a positive drug screen. BJU and its staff and faculty are not responsible for finding internship, educational or clinical placements for students who are rejected from potential opportunities because of criminal histories or drug use.

## Coursework Taken Elsewhere

Any currently enrolled student in good standing who plans to take work elsewhere during the summer with the intention of counting the work toward degree requirements in Bob Jones University must have the permission of the registrar before enrolling in such courses. Due to academic department requirements, the transfer of major courses may have a defined limit of transferrable courses. When this work is completed, the student should request a transcript to be mailed immediately to BJU. Students who fail to observe the regulations of BJU concerning work completed elsewhere may forfeit credit for the work. No grades of D, P or CR are accepted in summer transfer credit. A grade of B or better must be earned in any graduate class transferred. Once enrolled at BJU, Bible courses and specific core courses must be completed through BJU. Students will not receive approval to take the following courses at another institution: Bible, Philosophy, Abnormal Psychology or the following specific core courses: En 101, En 102, En 103, Hi 101, Sc 200, SSE 200, FA 125, Com 101 and Ph 200.

A student may not be enrolled for any courses at any other institution while enrolled in classes at Bob Jones University, with the exception of approved online learning work.

## Online Education Limits

Undergraduate students must complete at least one full year in residency at Bob Jones University (see Policy Volume V on the university intranet for additional information). Unless taken through BJU, courses offered by online learning must be approved by the registrar before they are taken. Any work of this nature taken during the time that the student is in residence must be counted as part of the student's load for that semester. Online learning work does not fulfill residency requirements.

## Registering for Class

### *Registration & Advisory System*

One to two days are set aside at the beginning of each semester for registration. During this time each student is supplied with complete information regarding the class schedule and his or her

own previous academic record. Each student is assigned to an advisor who assists him or her in making out a program of study. During the academic year a student may consult his or her advisor, dean, division chair, program coordinator, transition advisor or the Registrar's Office at any time concerning his or her course of study and future academic plans. Every degree candidate is furnished with a checklist showing his or her exact standing in relation to degree conferral requirements. While everything possible is done to help the student plan his or her program correctly, the final responsibility for taking the courses which will fulfill the degree conferral requirements rests upon the student.

### *Registration Holds*

A student will not be permitted to register if there is a "hold" on his or her account. Obligations that can result in holds are most often financial (e.g., past-due accounts, including unpaid tuition and fees). Other holds may be related to academic standing (probation or suspension) or incomplete admission files (missing transcripts). To clear a hold, the student must contact the office that has issued the hold to find out what must be done to fulfill the obligation(s).

## Music Auditions, Placement Tests, Examinations & Evaluations

**Music Lesson Auditions:** Students taking music lessons for the first time at BJU or changing to a different music area must audition before registering for classes. An accompanist and other audition materials will be provided as needed. See the university website for specific audition requirements.

**Music Group Auditions** (choirs, bands, orchestras, instrumental groups): All students may audition for a music group. Auditions will take place at the same times and locations as the auditions for music lessons. Students desiring to join a music group may block hours during registration for rehearsal times. See the university website for specific audition requirements.

**Placement Tests:** Placement tests are given to determine the level of instruction for which a student should register. Students should take all placement tests that apply to them before registering for classes. Following each test, students will be informed which course(s) they should register for and/or waive.

1. **English Test:** Required of students who have no ACT or SAT scores.
2. **Mathematics Test:** Required for students who have no ACT or SAT scores and whose programs require a math course the initial semester of enrollment (e.g., engineering, science, math, etc.). Students who do not need a math course their first semester should wait until their ACT or SAT scores are available.
3. **Mathematics Proof Techniques Test:** Required of any student taking a 300-level or above math class. If the test is passed, MA 150 Introduction to Mathematical Reasoning will be waived. If the test is not passed, MA 150 is required before any 300-level or higher math class can be taken.
4. **World Language Tests:** Chinese, French, German and Spanish: Students taking a world language course for the first time at BJU must take the appropriate placement test.
5. **Additional Music Tests:**
  - a. **Rudiments of Music Test:** Required of all incoming music majors or minors and any other students registering for MT 105 Theory I. If not passed, MT 099 Introduction to Music Theory (0 credit) must be taken during the same semester as MT 105.
  - b. **Music Theory Test:** Required of all transfer music majors. This test, along with an aural skills test, is also given to new undergraduate music majors who wish (on the basis of previous training in music theory) to exempt any part of music theory. Undergraduate students must also complete and pass the Rudiments of Music Test before taking the Music Theory Test.

## Examinations

Examinations are given as listed below:

1. **Final Examinations:** With the exception of music lesson examinations, written final exams for all undergraduate courses are administered on the last class day for courses taught on a block schedule or according to the final exam week schedule at the end of each semester.
2. **The Praxis Series:**
  - a. **Praxis Core Academic Skills for Educators:** Required of all students seeking teacher candidacy as a teacher education major and whose ACT composite score is 21 or below or SAT composite score is 1090 or below. The Praxis Core measures basic skills in reading, writing and mathematics and includes multiple-choice questions and an essay question on the writing tests. The tests are designed to evaluate the academic skills needed to prepare for a career in education. All three tests (writing, reading and mathematics) must be taken and passed. A student who fails one or more tests is required to retake only the test that was not passed. Expenses associated with the Praxis Series are the responsibility of the student. For more information visit [www.ets.org/praxis](http://www.ets.org/praxis).
  - b. **Praxis II Subject Assessments:** Required of all students completing a degree in teacher education. The Praxis II Subject Assessments measure knowledge of specific subjects that K–12 educators will teach, as well as general and subject-specific teaching skills and knowledge. Praxis II scores are used by the State Department of Education to determine a student's eligibility for licensure in South Carolina. Both the Subject Assessments and the Principles of Learning and Teaching Test must be taken and passed for licensure recommendation. Expenses associated with the Praxis Series are the responsibility of the student. For more information visit [www.ets.org/praxis](http://www.ets.org/praxis).

**Validation Examinations & Placement:** Students desiring advanced standing on the basis of academic work which BJU is unable to accept without examination may validate such work by examination during their initial semester of enrollment. A fee is charged for each exam to validate credit for acceptance and/or placement. This procedure also applies to academic work taken in Bible schools which do not have an approved college department.

**Evaluations:** Various programs may require individual evaluations of a student's performance at certain milestones in his or her program to determine formal acceptance as a candidate for the degree.

## Auditing Courses

Students may, with the permission of the registrar, audit courses without credit. Audited courses will count toward a student's course load. Degree-seeking students may audit only one course per term.

Auditors of courses are required to follow the same registration procedures as students taking the courses for credit. Auditors do not receive grades or credits. Participation in class discussion and written work is permitted at the discretion of the course instructor. An audit course is included in a full-time student's tuition charge. Part-time students pay a reduced per credit charge for an audit course. The status of an auditor cannot be changed after the course has begun. BJU reserves the right to cancel an audit registration if class size exceeds space available.

Please note that a student may not take a course for credit after he or she has audited it; so if a student signs up for a course that is a required course in the student's degree program, the student cannot audit it. Also, if a student has been denied enrollment as a graduate student, the student may not audit a graduate course.

## Change of Course: Drop, Add & Withdrawal

After registration the student is given time to make any necessary adjustments in his or her schedule. See the Calendar of Events for the official drop/add period. All schedule changes are subject to a change fee. After the drop/add period students may drop courses when necessary, but

no new courses may be added. Courses dropped during the first five weeks will receive a grade of “W.” From then until the final three weeks of the semester any course withdrawn will carry a grade of WF (withdrawn failure). Courses may not be dropped during the final two weeks of regular classes or during final exams. Course withdrawals during the final two weeks of classes will be processed as a grade of F. A student who makes any changes in his or her schedule without following the correct university procedure will receive a grade of F for the course involved.

While withdrawing from a course in accordance with established procedures and timelines will have no impact on a student’s GPA, a student’s eligibility to continue receiving financial aid may be adversely impacted. Withdrawal can also potentially adversely impact a student’s VA benefits, and for foreign students their immigration status. A student is therefore encouraged to consult with his or her academic advisor, the Registrar’s Office and the Office of Financial Aid before withdrawing. Students are considered the responsible parties for any/all transactions processed against their academic records.

**Course Withdrawal for Medical Reasons:** Students who seek to withdraw from a course for medical reasons must submit medical documentation to the registrar. Students who are granted a medical withdrawal by the registrar after the last day to withdraw will receive a “W” grade for the enrolled courses.

### Prerequisite Overrides

In certain circumstances, the appropriate dean may approve a student’s entering a course without having satisfied the prerequisite requirements. The dean’s decision is final.

### Closed Class Permission

To register for a closed course that has reached its enrollment capacity, a student must request permission from the dean.

### Course Substitution & Waiver

Students are expected to satisfy all degree requirements. Only under unavoidable and exceptional circumstances will BJU permit a student to deviate from an academic program’s requirements via a course substitution or waiver. When it becomes necessary to request a deviation from the prescribed course of study, the student must consult his or her dean. In preparing the request, the student is requested to be mindful of the following:

1. The course to be substituted must be in the same area as the required course or in a closely related area.
2. Substitution of a course for a previously failed required course is seldom granted.
3. Failure on the part of the student to schedule a required course is not sufficient reason for granting permission for a course substitution or waiver.

A student wishing to challenge the dean’s decision must file a written appeal with the registrar within five business days of receiving the decision. Upon receipt of the appeal, the registrar will immediately bring the matter to the attention of the Deans Council. Within 10 business days of receipt of the appeal, the chair of the Deans Council will notify the student of the Deans Council’s decision.

### Course Enrollments

Excluding private lessons, internships and independent study courses, no course will be offered in any of the undergraduate schools unless there is an enrollment of at least 10 students—unless an exception is made by the dean.

## Textbooks

In compliance with the Higher Education Opportunity Act, a listing of required and/or optional textbooks for courses is made available through the Bruins Shop and Textbook Store website (accessible through StudentCentral). Included on the website is the International Standard Book Number (ISBN) and retail price of every recommended or required book or supplemental material for all courses offered by BJU. If the ISBN is unavailable, the website provides the author, title, publisher and copyright date. If textbooks are not listed on StudentCentral two weeks prior to the start of classes, students should contact the instructor directly.

Students are free to choose where they purchase course materials. There is no obligation to purchase a textbook through the Bruins Shop website. The same textbook may also be available from independent retailers.

## MAKING ACADEMIC CHANGES

### Change of Major/Minor or Academic Program

Consult the BJU Catalog for major, minor and degree program options.

#### *Associate Programs:*

A student who wants to change his or her major to a different associate degree should go to StudentCentral and under the Academics menu option choose Major/Minor Change Request. After selecting a new major, the student should then see the transition advisor.

*Transferring to Baccalaureate Programs:* An associate student wishing to change his or her major to a baccalaureate degree program should see the transition advisor.

1. **Associate Placement:** Students admitted to an associate degree based upon high school performance must meet the following qualifications:
  - a. *Be a high school graduate or have passed the GED.*
  - b. *Have at least a 2.0 cumulative GPA toward an associate degree and be carrying at least 15 credits the semester application is made for transfer.*
2. **Previous Baccalaureate Students:** Students who have been in a baccalaureate program previously and who changed or were admitted to an associate degree must meet the following qualifications:
 

Have earned enough additional quality points with grades of B or A in appropriate courses to compensate for any previous baccalaureate quality point deficiency and be carrying at least 15 credits during the semester that application is made for transfer.

#### *Baccalaureate Programs*

A student who wants to change his or her major or minor should go to StudentCentral and under the Academics menu option choose Major/Minor Change Request. After selecting his or her new major, the student should then see the transition advisor.

### Transition Advisor

Students who are contemplating a major change should meet with the transition advisor in the Academic Resources Center. The transition advisor can:

1. Review current academic progress and course completion in connection with a proposed intended program.
2. Discuss the major requested and/or provide other major available options.
3. Obtain additional resources and/or schedule meetings with select faculty, alumni or deans.

The transition advisor seeks to ensure that the student is selecting an appropriate major for completion of a degree in a timely manner.

**Advisory Checksheet:** Students who are contemplating a major change and desire to know how to the change impacts the completion of a degree in a timely manner may request an advisory checksheet from the transition advisor, at the Registrar's Office or through an academic dean. An advisory checksheet will show:

1. How completed and/or currently enrolled courses satisfy the contemplated program requirements.
2. All outstanding course and/or checkpoint requirements, including credit hours needed.

An advisory checksheet should be reviewed by both the student and the academic dean or registrar to facilitate the decision-making process by identifying possible checksheet substitutions based on completed/outstanding courses and by understanding the impact of completing the new degree in a timely manner.

## Withdrawal from the University

All students who wish to withdraw from the University must notify the office of Student Development & Discipleship for completion of the requisite form and dissemination of the information to the appropriate offices. Students must understand that unlike a temporary leave of absence, a withdrawal is a permanent decision. Students who withdraw from BJU will need to reapply to the University should they wish to return, and readmission is not guaranteed.

Students who are granted a withdrawal after the last day to withdraw will receive "W" grades for all enrolled courses.

## Leave of Absence

An undergraduate student may request a Leave of Absence (LOA) from the University which, when granted, permits the student to maintain matriculated status although not in attendance and to resume study without applying for readmission. A student granted LOA is not considered to have withdrawn, and if the student is a Title IV recipient, no return calculation will be required. Upon the student's return from the leave, the student will continue to earn the federal student aid previously awarded for the period. Students who wish to leave and do not intend to finish their studies at BJU must go through the University's official withdrawal process. For complete details in regard to requesting and returning from a Leave of Absence, see Policy Volume V on the university intranet.

# KEEPING UP WITH YOUR STUDENT RECORDS

## Classification of Undergraduate Students

Academic classification is granted to all university students according to the following standards:

**Freshman:** Admission to BJU with freshman standing.

**Sophomore:** At least 30 credits.

**Junior:** At least 60 credits.

**Senior:** At least 90 credits.

**Postgraduate Special:** Possession of a baccalaureate degree from an approved college or university but admitted as a special student not taking a program of study leading to an advanced degree. Students in this classification are limited to undergraduate courses. PGS students who are not graduates of BJU are to take Bible classes.

## Grading System

The following grading system is used by all schools of BJU:

A	Excellent
B	Good
C	Passing
D	Unsatisfactory
F	Failure
I	Incomplete
W	Withdrawn from course
WF	Withdrawn Failure
AU	Audit
NR	Not Reported
P	Passed
Cr	Credit - passed
CrD	Credit - Unsatisfactory
NC	No Credit

Official standards of achievement for the various BJU courses are assigned by each of the divisions and departments of BJU and are announced to the students at the beginning of each semester.

## Quality Points

Quality points will be computed as follows, in all schools of BJU:

A	4 quality points per credit attempted
B	3 quality points per credit attempted
C	2 quality points per credit attempted
D	1 quality point per credit attempted
F	0 quality points per credit attempted
P	0 quality points per credit attempted

Students who enter with advanced standing are required to earn twice as many quality points as semester credits while they are in residence at Bob Jones University. Since an average of C is the minimum requirement for university degree conferral, no student who has less than a cumulative 2.0 GPA may consider himself or herself a candidate for a degree if his or her record fails to meet this minimum standard.

## Grade Reports

New and transfer students receive a four-week grade assessment of their initial semester at Bob Jones University.

All students are given an opportunity to evaluate their progress at approximately the midpoint of the semester.

Final grade reports are issued once each academic period (i.e., at the end of each semester). Any questions concerning the accuracy of a grade report must be submitted to the respective course instructor within 20 business days of the report issued. The course instructor will confer with the student within two business weeks thereafter and will review the records and evidence to determine whether any error or omission has occurred.

If an error has been made, the procedure described in the BJU Grade Change policy is followed. If the issue is not resolved between the student and the course instructor, the student must follow the procedures set forth in the BJU Academic Grievance and Complaint Policy.

Evaluation of student performance is the prerogative and responsibility of the course instructor. Students must be aware that in questions relating to the quality of that performance, the professional

judgment of the faculty member is commonly accepted as authoritative by the University. An academic grievance is most likely to result in a change of grade for a course if it includes evidence that there was an error in computing the grade or that the grade was determined by standards improperly different from those applied to other students in the course.

Students who made an Incomplete (“I”) during first semester are required to make up or complete their work by the following March 1; the winter mini-session deadline is the following May 1. Students who make an I during second semester or summer are required to make up or complete their work by the following November 1. If the work is not completed by the required deadline, the I will be changed to an F. A student who makes up his or her work within the required time will receive a grade determined by the instructor.

### Missed Final Exams

Students who do not take the final exam must be given a zero when the faculty member computes the final grade. Students who miss an exam for legitimate reasons must secure permission from the registrar and make arrangements with the instructor to take the exam prior to the deadline to turn in grades. If the Registrar’s Office has been notified that the reason for missing the exam prohibits the student from taking the exam prior to the deadline, the instructor will be notified by the Registrar’s Office and an incomplete grade may be awarded.

### Transcripts

To order a transcript, a student/former student must make a request in writing to the Registrar’s Office. Please include full legal name, date of birth, year of last attendance and signature.

An official transcript must be mailed directly from Bob Jones University to the entity designated. Please include the name and address of the organization to which you wish the official transcript to be sent. An unofficial transcript may be sent directly to the student.

There is no charge for transcripts unless more than nine are requested at one time. Then the University will charge a fee per transcript, including the first nine.

The transcript is the University’s certified statement of a student’s academic record. It contains a student’s major and lists all the courses and grades earned in the terms attempted; the grade point average; and if applicable, a minor, transfer work, and notations of distinctions and degrees received. A transcript may be authorized for release on security paper as either official or unofficial at the written request of a student. The student’s account with Financial Services must be cleared before a transcript can be released. An official transcript is issued to a designated organization and bears the multicolored seal of BJU and the signature of the registrar. An unofficial transcript is stamped “Issued to Student.”

The usual processing time for a transcript request is 48 hours. (At the beginning or end of a semester, please allow one week.) Transcripts are sent by regular U.S. Postal Service. Any type of special handling will necessitate an additional charge that must be paid in advance.

Requests for transcripts must be submitted online through [bju.edu](http://bju.edu) or to:  
Registrar’s Office  
Bob Jones University  
Greenville, SC 29614

### Experience That Counts (ETC)

Bob Jones University maintains an official university document that records the co-curricular and extra-curricular activities of undergraduate students. It is called the ETC—“Experience That Counts.” The purpose of the ETC is twofold. First, it helps students remember and reflect on aspects of their BJU education that they may easily forget or fail to properly value. The ETC provides a tool to help each student better market himself or herself to prospective employers by highlighting



aspects of his or her education outside the classroom. In the second place, this document is intended for future employers. Together with the transcript, the ETC gives a more complete picture of the skills, abilities, leadership and experiences that a student brings to the workplace. The student may access the ETC via the Student Life menu in StudentCentral.

The ETC lists the following types of experiences that have been verified by the faculty and staff of BJU:

- Choirs, instrumental, groups, etc.
- Community Service events by number of hours
- Intercollegiate athletic and academic teams
- Internships
- Major offices in societies, student organizations, etc.
- Ministry Team membership
- Mission teams
- Peer Leaders in Pathways classes
- Residence hall positions
- Service Learning participation
- Society intramural team participation
- Study abroad
- Study group leaders for classes

## Academic Honors

### *Dean's/President's Lists*

Undergraduate students are eligible for honors during semester terms when carrying 12 or more credits.

- Dean's List for a grade point average 3.0–3.74
- President's List for a grade point average 3.75–4.0

Honors indication is noted on a student's grade report.

### *Graduation with Honors*

A candidate for the baccalaureate degree will be graduated with honors as follows:

- *cum laude* for a grade point average 3.50–3.74
- *magna cum laude* for a grade point average 3.75–3.90
- *summa cum laude* for a grade point average 3.91–4.0

The grade point average is based on the student's entire college program, and in computing the average, work taken elsewhere which has been accepted in transfer is considered at the same grade value as the institution where it was earned.

Honors indication is noted on a student's diploma and transcript.

## Revocation of Academic Credit or Degree

Bob Jones University certifies the academic achievement of its students through the awarding of course credits and, ultimately, formal degrees. Employers, graduate schools and other entities outside of BJU rely upon academic degrees to verify the knowledge and qualifications possessed by university graduates. As such, BJU maintains procedures to ensure that only those students who have completed their academic requirements in accordance with all university policies receive course credits or degrees. Despite these efforts, it is possible that some students who are ineligible to receive course credit or a degree may—because of administrative error, fraud or other misconduct—be erroneously awarded credit or a degree before the violation is discovered. In such cases, BJU

reserves the right to revoke the credit or degree in question, regardless of the amount of time that has passed since the certification was issued. For the guidelines by which BJU processes credit or degree revocation for fraudulent application, academic dishonesty, disciplinary misconduct and administrative error, see Policy Volume V on the university intranet.

## ACADEMIC POLICIES

### Academic Integrity

A key aspect of Christlike character is integrity. In their academic lives, students exhibit integrity by being truthful about their own academic work and properly acknowledging sources of ideas and information.

### Cheating

Cheating in any form is not tolerated. Cheating includes:

- Copying from another student's test or assignment or allowing another person to copy one's own academic, research or creative work—whether intentionally or recklessly.
- Unauthorized provision or use of notes, textbooks or other unauthorized helps on a test or assignment—such as requesting or accepting answers on a quiz or test from another student who has already taken it, discussing test information to any extent with other students, transmitting quizzes or tests, or answers to quizzes or tests electronically to other students via cellphone, email, etc.
- The unauthorized use of electronic instruments such as cellphones, pagers or other mobile devices to access or share information.
- Changing answers after a test or assignment has been completed.
- Reporting false information about the completion of an assignment, including turning in someone's work as one's own (another student's, a purchased paper from an online source, etc.).
- The unauthorized completion of academic work for another person.
- The unauthorized collaboration with any other person on an academic exercise, including collaboration on a take-home or makeup academic exercise.
- Bypassing or attempting to bypass security measures or electronic assessments (e.g., passwords).
- Unauthorized use of a proctor who does not meet assigned criteria.

### Plagiarism

Another form of cheating is plagiarism, the intentional or unintentional use, to any degree, of the ideas or words of one's source material without proper acknowledgement. Plagiarism typically takes two forms:

**Substantial:** Failure to acknowledge the use of an author's ideas or organization by footnote or identification of the source in the text of the paper. Incomplete paraphrase (mere rearrangement of syntax and substitution of synonyms for the author's words) is plagiarism.

**Verbal:** Failure to acknowledge the use of an author's words by quotation marks as well as by footnote or identification in the text.

Plagiarism is theft, and the Scriptures are clear that we are to respect the property of others and to be honest and above reproach in all things (Exod. 20:15; Rom. 12:17; Heb. 13:18). Regardless of the source being used (internet site, book, database, magazine, newspaper, computer program, speech, class notes, handouts, etc.), *all* words and information from those sources must be presented accurately and acknowledged properly so that a student's integrity is not called into question and his or her testimony harmed.

**Examples of appropriate and inappropriate handling of source material:**

**Original text:** "As Rome became involved in wars fought on many fronts and with many soldiers, supplying military provisions became a lucrative business. Usually the contractors were paid as soon as their work was completed. In a military emergency, however, they might be asked to accept a promise of deferred payment (probably with interest)." (Shelton, JoAnn. *As the Romans Did: A Source Book in Roman Social History*. New York: Oxford UP, 1988. 146–47. Print.)

**Unacceptable Paraphrase:** As Rome fought wars on many fronts and with many soldiers, supplying provisions to the military became a money-making business. Usually contractors were paid right away, but in an emergency they were asked to accept deferred payment (Shelton 146–47). [This paraphrase is inappropriate because it follows the same syntax (sentence structure) and uses many of the same words as the original.]

**Acceptable Paraphrase:** Dealing in military supplies was a profitable industry when Rome's armies grew and became entangled on multiple fronts. Although suppliers in times of crisis were willing to be paid on a delayed schedule, in most cases the Roman government was able to pay them immediately (Shelton 146–47). [Note different words and different syntax.]

**Plagiarism Checking:** Students should be aware that faculty members have access to software programs that allow them to check student writing for plagiarism.

Students may refer to *College Writing* (Chapter 5) and *Companion to College English* (Chapter 23) for more information regarding plagiarism and how to avoid it.

### **Sanctions for Plagiarism**

- Any student whose paper clearly exhibits plagiarism of substance or expression will receive an F on the assignment and may be required to submit a replacement assignment for no credit.
- If the course is one in which the preparation of an acceptable research paper is the main requirement, the student whose research paper exhibits plagiarism will receive an F in the course.

## Copyrighted Material

All original works in any media format (including, but not limited to print, video or audio) as well as images or materials on the internet are protected by copyright law, regardless of whether a specific copyright statement is attached to the media. Any duplication that does not fall within the guidelines of fair use requires permission from the publishing agent or copyright owner. Please see the BJU copyright guidelines for information regarding fair use (on the intranet under Academics).

## Other Types of Academic Integrity Violations

Other issues of academic integrity include collusion—cooperating with or assisting other students for the purpose of cheating; recycling—submitting work for which you have already received credit; sabotage—destruction or deliberate inhibition of progress of another student's work; and falsification of data, information or records.

## Violations/Resolutions

Penalties for violations of academic integrity are usually academic but may also be disciplinary. Cheating on a final exam brings denial of re-enrollment. For additional information regarding penalties, resolutions and sanctions, as well as the appeals process for issues of academic integrity, see Policy Volume V on the university intranet.

## Class Attendance

The University's mission includes instilling professionalism, dependability and punctuality in students. Training students in these virtues is accomplished in part through holding students accountable for their class attendance. The Class Attendance Policy makes clear to students expectations in regard to class attendance and the consequences of failure to fulfill these academic responsibilities. This policy also gives direction to the administration and faculty in formulating and implementing a reasonable structure for such accountability. Student success is largely dependent on frequent and positive interactions with faculty; therefore, this policy is also designed to strengthen this essential relationship.

The University recognizes that there are valuable learning experiences outside of the classroom that may require a student to miss regularly scheduled classes. Therefore this policy makes provision for Excused Absences.

## Undergraduate Student Responsibilities

Undergraduate students are expected to attend and arrive on time for all scheduled class sessions for each resident course in which they are enrolled, including final exams. Students are to use effective time management in order to meet their class attendance responsibilities.

### *Unexcused Absences*

Based on the number of times that a course meets each week during a semester, students are permitted a defined number of Unexcused Absences. The chart below defines the number of permitted Unexcused Absences.

Students apply Unexcused Absences for funerals, for sickness, for doctor's or dentist's appointments, for visits and interviews at graduate schools or for interviews for future employment. Unexcused Absences are not "skips." Unexcused Absences are not provided so that students can prepare for other classes or extend official university breaks or simply because they do not feel well. Students should use Unexcused Absences only for genuine emergencies or contagious or debilitating illness. In order to conserve Unexcused Absences, students should work with doctor's or dentist's offices to intentionally schedule appointments during times when they do not have classes or chapel.

<i>Class meetings per week</i>	1 2 3 4 5	<i>[Block]</i>
Unexcused Absences allowed	1 2 3 4 5	0

Students who are withdrawn from courses due to excess class absences may lose student financial aid; also, in such circumstances, the visa status of international students may be jeopardized.

### *Excused Absences*

Based on the number of times that a course meets each week during a semester, students are also permitted a defined number of Excused Absences. Students may use these absences to attend approved academic functions or conferences, approved Christian service projects, required military duty or as part of an intercollegiate athletic team. However, students who exceed the Unexcused Absence limit due to a chronic illness are not eligible to participate in events that require Excused Absences. Also, students who are on any type of academic restriction (including probation) or who have a current grade report with a cumulative GPA below 2.0 are not eligible to participate in events that require Excused Absences. The chart below defines the number of permitted Excused Absences.

<i>Class meetings per week</i>	1 2 3 4 5	<i>[Block]</i>
Excused Absences allowed	1 3 4 5 7	0

Students should understand that they may not have enough Excused Absences to participate in all the events that are offered in the courses and activities in which they are participating in a particular semester. Such a circumstance offers students the opportunity to learn that life at times will force them to make a choice between more than one desirable options. In such a situation, students are not permitted to exceed the number of permitted Excused Absences for the course and so they must choose which events they wish to participate in.

Students who participate in an event requiring an Excused Absence are required to notify their instructors at least one week in advance of the day of the absence that they intend to take an Excused Absence. This notification will give time for the student and instructor to plan make-up work ahead of the absence. Such students will be allowed to take any quiz or test either in advance of the absence or while traveling (with proper supervision by the faculty sponsor/coach). Such students are responsible to schedule presentations or speeches on days that they know they will not be traveling. Whether to allow students participating in these events to submit work after the due date without penalty is left to the instructor's discretion.

## Partial Attendance

Students who arrive up to 15 minutes after the start of class, or who leave class up to 15 minutes early, will receive a mark for Partial Attendance. Three Partial Attendance marks will count as a Unexcused Absence. Students who miss more than 15 minutes of a class period will be counted as absent.

## Tracking Absences

Students can view absences and the number of Partial Attendance marks that they have for a course in the student information system. The student information system also automatically sends emails to students to inform them when faculty have marked them absent or late for a class and to warn them when they have exhausted their Unexcused Absences, Excused Absences or both. It is the responsibility of all students to monitor the record of their class attendance available in the student information system and to read the automated emails that inform them when instructors have marked them absent or late.

## Chronic Illness

Students who have a chronic illness (e.g., diabetes, asthma, migraines, etc.) and are absent from classes because of prolonged or recurring symptoms:

- are to secure a doctor's note stating that they have a chronic illness;
- are to present the note to the Student Services Hub in advance or within two business days of returning to classes after an illness-related absence;
- are to inform instructors in their courses that they have a chronic condition

For future absences because of the same chronic illness, the student is to notify his or her instructor and to email the Student Services Hub (hub@bjv.edu) the following information within 24 hours of a missed class:

- Name and ID #
- A statement indicating that the reason for the absence is a chronic condition with a doctor's note already on file
- Date and class(es) missed

Students with a chronic illness are to keep their class absences to a minimum. Students with chronic illnesses may use the total of both Unexcused Absences and Excused Absences. However, students who exceed the Unexcused Absence limit due to a chronic illness are not eligible to participate in events that require Excused Absences. Students who exceed the total of both Unexcused Absences and Excused Absences will be withdrawn from course(s) and/or the University.

Doctor's notes for chronic illness are valid for the current academic year. For continuing illness, a new note is required each academic year.

## Accountability and Appeal Policy and Procedures

### Withdrawal

Students who exceed the permitted number of Unexcused and/or Excused Absences in a course will be withdrawn from that course:

- *Withdrawal Due to Exceeding Unexcused Absences:* Students who exceed the number of Unexcused Absences in a course will be withdrawn from that course. The student information system and email will inform students and their instructors that they have exceeded the number of permitted Unexcused Absences and that they have therefore been withdrawn from that course.

There are only two exceptions to this policy:

- *The student is absent from a class due to chronic illness verified by a note from a doctor. In this case, the student will be permitted to use one or more remaining Excused Absences. See above for additional policy and procedures in regarding to chronic illness.*

- *The student is absent from a class due to tragedy such as the funeral of a close family member. In this case, the student will be permitted to use one or more remaining Excused Absences.*
- **Withdrawal Due to Exceeding Excused Absences:** When students exceed the number of permitted Excused Absences for a course, one of their remaining Unexcused Absences will automatically be used to cover the absence. However, students who are absent from class after they have exhausted both the Unexcused Absences and Excused Absences available for that course will be withdrawn from the course.

### Appeals

1. **Absences:** Because absences are a serious issue and may result in withdrawal, students should carefully monitor their absences and immediately clear up inaccuracies in their attendance records. Students may request a review of the accuracy of absences or Partial Attendance marks directly with the instructor for the course within two business days of being notified of the absence or Partial Attendance in the student information system.
2. **Course Withdrawal:** When a student is notified of withdrawal from a course, the student may seek to be reinstated in the course by talking with the registrar. The procedure in this case includes the following steps:
  - *Within two business days of being notified of the withdrawal, the student should complete the Appeal of Course Withdrawal form that is available on the intranet and email it to the instructor. During this type of appeal, the student should continue to attend class.*
  - *The instructor will respond to the appeal by email within 24 hours and will copy the registrar on his response. If the instructor denies the appeal, the registrar will withdraw the student from the course. If the instructor grants the appeal, the registrar will rescind the withdrawal, permitting one more absence.*
3. **Registrar Appeal:** Students who wish to appeal the decision of the instructor of a course in upholding their withdrawal may set up an appointment with the registrar within two business days of their withdrawal. During this type of appeal, the student should continue to attend class. The registrar will weigh extenuating circumstances but will also weigh the rationale of the instructor regarding the withdrawal.

### Class Deportment

Appropriate class deportment is a matter of self-control. Students are expected to be attentive in class. Talking, reading, studying other materials, text messaging, writing letters and sleeping are inappropriate. Students using a laptop or handheld device may use it only for functions the instructor deems pertinent to the class they are in—not for answering email, playing games, browsing the internet, participating in social media sites or working on assignments for other classes. Water and other beverages in covered containers may be brought into the classroom at the discretion of the instructor.

### Relationships in the Classroom

BJU students are brothers and sisters in Christ and should treat one another with respect, both inside and outside the classroom.

While instructors are in a position of authority in the classroom, students and instructors are also brothers and sisters in Christ ... and in the event of some form of disagreement should approach one another respectfully and in accordance with biblical principles. Appropriate discourse in a reasoned fashion is part of the education process; and strong opinions informed by fact, logic, spiritual maturity and biblical insight are valued. At the same time, disagreement over ideas and other academic issues can occur. Students are not just welcome but invited to discuss any matter with their instructors. In particular, if a student wishes to discuss an area of disagreement with an instructor, he or she should go directly to that instructor outside of class and respectfully present

his or her concerns without fear of academic penalty. Airing complaints publicly in venues such as social media is not an appropriate means of resolving an issue.

## Class Cancellations

On rare occasions, it may be necessary to cancel a scheduled class due to inclement weather or an instructor's inability to meet a class.

***Inclement Weather Cancellations:*** Unless announced via email; television stations WYFF Channel 4, WHNS Fox Carolina 21 or WSPA Channel 7; or radio stations WORD 106.3 FM or WYRD 1330 AM, classes will continue as usual on days of inclement weather.

***Faculty Member Decision to Cancel Class:*** When an instructor is unable to meet a class because of illness and unable to arrange for a substitute, an official notice with this information will be posted outside the assigned classroom.

## Classroom Courtesy

Professional responsibility requires prompt and regular attendance of course instructors at their classes and other assigned duties. Classes are to begin and end promptly. Students are free to assume that a class has been canceled and may leave if the instructor is not present within 20 minutes of the usual starting time unless the instructor has established an alternate procedure.

# DEGREE CONFERRAL

## Prospective Graduates

***Juniors and Seniors:*** Students within 50 credits of completing their degrees by May or August of the current academic year or by the following December should also plan their extended schedules (next semester and/or the summer) to ensure that all degree requirements can be completed without conflicts. *Advisors are asked to discuss with juniors and seniors their goals for completing degree requirements so that these students can plan accordingly.*

***Anticipated Conferral:*** The month and year is listed on the Profile page and Checksheet if the student declared his or her intent to graduate.

***Graduate Approval for Seniors:*** Seniors in their last semester of enrollment in a bachelor's degree program who wish to take one graduate course for graduate credit or enter a graduate program at BJU the next semester must receive graduate approval from the Deans Council. Application must be made at the Registrar's Office.

***Diploma Orders and Graduation:*** Students completing degree requirements in December, May or August must complete a diploma order. Under certain circumstances a candidate for a degree may be permitted to participate in the commencement procession prior to completion of all coursework or requirements.

The student must use his or her *full legal name—absolutely no initials.*

A woman who is married prior to the conferral of her degree may opt to use either her maiden or married last name. Example: first, middle, maiden OR first, middle and/or/both maiden, married.

***Note:*** October 1 is the last day to cancel a December diploma order without being charged the graduation fee. February 1 is the last day to cancel a May diploma order without being charged the graduation fee. Diploma changes must be made with the Registrar's Office. Students whose conferral date is changed after October 1, February 1 or July 1 will be charged a reorder fee.

***Deficiencies:*** Any deficiencies listed on a student's checksheet must be made up before he or she may receive a degree from BJU.

## Commencement Information for Graduating Students

Bob Jones University confers degrees in December, May and August with one commencement ceremony (in May) each year. Commencement activities are scheduled for Thursday and Friday.

All students finishing degree requirements in December are encouraged to return to the campus to participate in commencement. December degrees will be conferred on the Friday after first semester final exams. Prospective graduates not in residence second semester will receive information about commencement around mid-March. This information will include a commencement participation questionnaire that is to be returned to the Registrar's Office by April 15.

Eligible prospective graduates who are in residence second semester and are receiving their degrees in May are to participate.

Students completing degree requirements during the summer for an August degree conferral may be eligible to participate in our annual May commencement procession and should review the Procession Concession requirements for eligibility. August degrees will be conferred on the Friday prior to the official opening of the academic year for the fall term.

*Coursework Away Second Semester* (either by online learning or in residence): In order for a student to participate in commencement, the following course completion and grade reporting deadlines to the Registrar's Office must be observed:

All coursework taken in residence or by online learning at another institution must be approved in advance based on submission of a Transfer Work Request form to the Registrar's Office. Grades for any coursework taken from another institution must be reported to the Registrar's Office by 5 p.m. on the Monday prior to commencement in order for the student to participate in the commencement procession. BJU will accept a phone call from the institution indicating satisfactory completion of the course for the purpose of marching; however, an official transcript must be received before the diploma can be released.

*Note:* Some institutions take three to four weeks to process and report grades.

Students who have an outstanding Incomplete in any course, including online learning courses in progress but not completed, will not be eligible to participate in the commencement procession.

## Procession Concession Eligibility Requirements

BJU wants all students finishing degree requirements to have the opportunity to participate in commencement. Because the University conducts only one commencement each year (in May), some students may have completed applicable residency requirements or will complete them in BJU's summer session, but may not have completed all of their course or checkpoint requirements by the deadline for participation in the commencement program. Many students finishing requirements for their degree during the summer will qualify to participate. To be considered for a Procession Concession, the student must meet the following academic criteria and be planning to complete all outstanding degree requirements prior to the August degree conferral date. (Summer degrees are conferred the Friday prior to the official opening of academic year for the fall term.)

### *Associate Degree Candidates:*

- Have a minimum 2.0 cumulative GPA.
- Have completed applicable residency requirements or will complete in BJU's summer session.
- Lack six or fewer credits scheduled through BJU or another approved institution.

### *Baccalaureate Degree Candidates:*

- Have a minimum 2.0 cumulative GPA.
- Have completed applicable residency requirements or will complete in BJU's summer session.
- Lack 11 or fewer credits scheduled through BJU or another approved institution.
- May lack recital or show if check has been successfully passed.



**Master's Degree Candidates:**

- Have a minimum 3.0 cumulative GPA (2.6 GPA for MDiv).
- Have completed applicable residency requirements.
- Lack credits scheduled through BJU or another approved institution.
- May lack MA Religion Comprehension Exam or Portfolio.

The following do not fulfill Procession Concession qualifications: language proficiencies or thesis/dissertation.

## ACADEMIC FORGIVENESS

A student who desires academic forgiveness must submit an Academic Forgiveness Request form to the registrar's office at the Student Services Hub. All requests must be made prior to the conferral of the student's degree. Both the original course and the repeat course must be taken at BJU.

Academic forgiveness does not apply to a student's Satisfactory Academic Progress eligibility required to receive financial aid. According to Federal Student Aid program regulations, all credits attempted and all grades earned must be used to calculate a student's cumulative GPA and completion rate to confirm eligibility for financial aid.

**Undergraduate Academic Forgiveness Policy:** An undergraduate student is permitted to repeat up to six credits of courses in which the student earned a grade of D or F and up to three credits of courses in which the student earned a grade of C- or above to improve his or her cumulative grade point average. A student may repeat each of these courses once under this policy. The grades for each course attempt will remain on the student's academic record; however, only the grade achieved in the second attempt will count toward the student's grade point average. Use of the forgiveness policy for a prior semester will not affect the academic restriction for that semester.

The Academic Forgiveness Policy does not apply to:

- Repeating a course that is a prerequisite for a course that the student has completed with a grade of D or higher
- Repeating or replacing a course requirement by a course substitution or transfer work
- Courses designated as repeatable (e.g., ensembles, music lessons, etc.)
- Program capstone courses
- Any course in which the student was previously found in violation of the academic integrity policy.

## UNDERGRADUATE ACADEMIC RESTRICTIONS

### Academic Record Review & Academic Restriction for Associate & Bachelor's Degree Programs

The academic record of every undergraduate student will be reviewed at the end of each semester to ensure that each student is meeting the minimum cumulative 2.0 grade point average (GPA) degree requirement. For complete information regarding students who do not meet minimum degree requirements, see Policy Volume V on the university intranet.

Records of students in programs with higher GPA requirements will be reviewed by the appropriate school, division or department for students to continue in their programs.

### Academic Warning

When the term (semester/summer) grade point average (GPA) of an undergraduate degree-seeking student drops below 2.0, regardless of his or her cumulative GPA, the student will be sent

an academic warning. This notice will be copied to the student's academic advisor. The warning is intended to alert the student so that the appropriate measures necessary for academic success can be taken for and during the next term.

## Academic Probation

Academic Probation is not a status, but a pathway back to success. Therefore, undergraduate degree-seeking students with less than a 2.0 cumulative GPA at the end of any term will be placed on academic probation for the next term. While on academic probation,

- Resident students are limited to a maximum 13-credit load. Students in an online degree program are limited to taking only one online course at a time.
  - Resident students are required to enroll in and attend UNI 093 Academic Management Seminar every semester they are on academic probation.
  - Students are not eligible for planned or excused absences from classes.
  - Students are not eligible to hold a major office in any university organization.
  - Students are not eligible to be student ambassadors or resident assistant.
  - If students are regularly meeting with their Academic Management Seminar coach, they may participate in only one of the following:
    - Participation on one intramural sports team, either as a player or a coach.
    - Practicing (but not playing) on one intercollegiate sports team.
    - Participation in one university-sponsored choral or music ensemble.
- Note:** *Students on academic probation may not participate in a university-sponsored cultural or fine arts event unless required by their major or minor. However, a student who began participating in rehearsals for a university-sponsored cultural or fine arts event the semester before the student was placed on academic restriction may appeal to the Office of the Provost to continue his or her participation through the final performances of the event.*
- Students are not eligible to take online classes unless they are enrolled in an online degree program. Students enrolled in an online degree program are limited to taking only one online course at a time.

Students may appeal any of these restrictions to the Office of the Provost. Students should not assume that making an appeal will guarantee the easing of any of these restrictions.

## Academic Dismissal

Students on academic probation will be academically dismissed from Bob Jones University if they drop below a semester GPA of 2.0 for two consecutive semesters (or two consecutive terms for students in online programs). Any student academically dismissed may petition Deans Council for readmission. The case will be carefully reviewed to determine if there is a basis for the student's resuming the undergraduate program at Bob Jones University. Readmission is not guaranteed and should not be assumed. A student academically dismissed and then readmitted by Deans Council is placed on an academic probation and must maintain a GPA of 2.0 or higher for each semester thereafter.

## Bachelor's to Associate

At the end of each semester, the academic records of students on academic probation are reviewed. Students who fail to earn additional quality points with grades of B or A to raise their cumulative GPA are academically dismissed. Students academically dismissed from a bachelor's program may continue in an associate program. These students receive "academic forgiveness" and are given a fresh start—with no quality point deficiency toward determining their GPA in an associate program.

For the first semester in an associate program, these students are identified on their checksheets and in the probation status as Bachelor's to Associate. Although this status has no academic or extracurricular limitations, these students will need assistance concerning time management and study skills to meet the academic challenges they face so that they can successfully complete an associate degree.

*Note:* Bachelor's to Associate students must take Uni 092 Academic Coaching during their initial semester of enrollment in an associate program unless the course has been previously taken and passed.

## FAMILY EDUCATIONAL RIGHTS & PRIVACY ACT (FERPA)

Bob Jones University complies with the Family Educational Rights and Privacy Act (FERPA) of 1974 (Public Law 93-380), which affords students certain rights with respect to their education records.

They are the right to:

- Inspect and review the student's education records.
- Request the amendment of the student's education records.
- Consent to disclosures of personally identifiable information.
- File a complaint with the U.S. Department of Education.

Students are notified of their rights annually through StudentCentral, BJU's student academic portal. Students accept or waive their rights under FERPA once a year and have the opportunity to update that choice at any time. Additional information and university policies regarding the protection of student records are published online in StudentCentral. Also see Policy Volume II on the university intranet for information on the procedures for inspecting student records or requesting amendment of student records.

## STUDENT INTELLECTUAL PROPERTY

The term "intellectual property" refers to creative works, such as works of an artistic nature (literature, art, music, performances, broadcasts, etc.), software, inventions, trademarks, etc. For the most part, students own the intellectual property they generate in the course of their studies at Bob Jones University. There are a few exceptions to this, such as:

1. If the student was paid by BJU to produce the work in question as part of BJU employment or through grant or contract funding secured through BJU, then that intellectual property would be owned by BJU; or
2. If the student and BJU entered in an agreement defining ownership of student intellectual property as not the student's. Such an agreement would need to have been entered into before any work started. This is done in certain cases where there is a corporate sponsor of student class projects. For such cases the student needs to be aware of what rights he or she has to use the intellectual property he or she generates as part of the sponsored project.

### Use of Student Intellectual Property

BJU cannot use student-owned intellectual property without first obtaining permission from the student, other than for reviewing, providing feedback and marking assignments the student submits as part of course and other project work, and the use of such student work for the purpose of assessing courses and programs.

### Students as Creators of BJU Intellectual Property

There are situations where intellectual property developed by a student would be owned by BJU. This would occur if the student was paid by BJU to perform certain work and was the inventor or author of a creative work that came or resulted from that paid work. The student, as the inventor or author of BJU-owned intellectual property, would be covered by the BJU Intellectual Property Rights and Ownership Policy in such cases.

## STUDENT GRIEVANCES & COMPLAINTS

### Academic Grievances & Complaints

Students are free to speak with instructors to express concerns about final grades. If a student does not feel that his or her instructor has resolved the issue satisfactorily, he or she may express in writing a grievance or complaint to the dean of his or her college/school. If the complaint is against the dean or involves any other academic matter, the student may appeal directly to the office of the provost, as described below.

If the student does not feel that such a course resolves the issue, he or she may submit a letter of Inquiry/Complaint to the office of the provost. When the office of the provost receives a formal letter of Inquiry/Complaint, the provost will convene the Administrative Hearing Committee to consider the inquiry/complaint. The Administrative Hearing Committee will conduct an appropriate investigation and will render a written explanation/decision within 30 days of the filing of the inquiry/complaint to both the student who made the complaint and the vice provost. The office of the vice provost will keep a record of all student complaints and documentation of how they were handled.

If the student making the inquiry/complaint is not satisfied with the outcome of the process, he or she may appeal to the president of the University. The decision of the president is final.

### Disability Grievances & Complaints

Any student currently enrolled at BJU who believes he or she has been discriminated against or harassed on the basis of disability by a university employee (e.g., administrator, faculty, staff, adjunct faculty or other agent of BJU), university student, or, in certain circumstances, by a visitor to the University, may use the BJU Disability Grievances and Complaints Policy (see Policy Volume II on the university intranet) and/or file a formal discrimination complaint pursuant to the BJU Discrimination and Harassment Policy (see Policy Volume II on the university intranet).

### Program Integrity Complaints

U.S. Department of Education Regulation 34 CFR 600.9, the “Program Integrity Rule,” was adopted to ensure that students have the opportunity to voice concerns relating to programs offered by postsecondary educational institutions authorized under Title IV of the Higher Education Act, as amended. The regulations require states to provide the opportunity for students to lodge the following types of complaints:

1. Allegations of state consumer protection violations including, but not limited to, fraud and false advertising.
2. Allegations that state laws or rules addressing the licensure of postsecondary institutions have been violated.
3. Allegations regarding the quality of education or other accreditation requirements.

In compliance with the Federal Program Integrity Rule, BJU has listed multiple alternatives for individuals who wish to submit complaints regarding the above. BJU expects that any student complaint will be filed in accordance with any procedures currently in place at the institution before resolution is sought from a state agency or the University’s accreditation body. In the absence of a procedure, the complaint should be filed with the office of the president for appropriate referral.

### Filing a Complaint with BJU

BJU has adopted a general student grievance and complaint procedure to address and resolve questions and concerns students may have relating to the Program Integrity Rule. Please see Policy Volume VI on the university intranet for additional information.

## For Complaints Alleging Consumer Fraud

### *South Carolina Department of Consumer Affairs*

The South Carolina Department of Consumer Affairs (SCDCA) is the state consumer protection agency and has the role of receiving and mediating consumer complaints. SCDCA encourages consumers to contact the business first to try and resolve a complaint. If you have a consumer question or would like to file a complaint, please contact the SCDCA.

[www.consumer.sc.gov/consumer/ComplaintInstructions/Pages/default.aspx](http://www.consumer.sc.gov/consumer/ComplaintInstructions/Pages/default.aspx)

### *For Complaints Regarding State Licensing of Postsecondary Institutions*

#### **South Carolina Commission on Higher Education**

1122 Lady St., Suite 300  
Columbia, SC 29201

Phone: (803) 737-2260

Fax: (803) 737-2297

[www.che.sc.gov/CHE\\_Docs/AcademicAffairs/License/Complaint\\_procedures\\_and\\_form.pdf](http://www.che.sc.gov/CHE_Docs/AcademicAffairs/License/Complaint_procedures_and_form.pdf)

### *Filing a Complaint with BJU's Accreditation Associations*

Bob Jones University is accredited by the [Southern Association of Colleges and Schools Commission on Colleges](#). Inquiries regarding compliance with accreditation policies and standards may be directed to the

Commission on Colleges  
1866 Southern Lane  
Decatur, Georgia 30033

Phone: (404) 679-4500

Fax: (404)679-4558

Email: [questions@sacscoc.org](mailto:questions@sacscoc.org)

Bob Jones University is accredited by the Transnational Association of Christian Colleges and Schools. Inquiries regarding compliance with accreditation policies and standards may be directed to the

Transnational Association of Christian Colleges and Schools  
15935 Forest Road  
Forest, VA 24551

Phone: (434) 525-9539

Fax: (434) 525-9538

Email: [info@tracs.org](mailto:info@tracs.org)

### *Complaints Arising Outside of South Carolina*

Students participating in a BJU educational program outside the State of South Carolina, such as through online learning, may choose to avail themselves of state processes for complaints related to institutional licensure and consumer protection in that state. The following website provides contact information for various states: [www.sheeo.org/node/434](http://www.sheeo.org/node/434).

Please note, however, that many states require a showing that an attempt was made to resolve the complaint with the institution directly.

*Filing a Complaint Concerning Discrimination*

Bob Jones University does not discriminate on the basis of race, color, sex (including pregnancy), national origin, age, disability, veteran status or genetic information. The following person has been designated to handle inquiries regarding the non-discrimination policies:

Title IX Coordinator  
1700 Wade Hampton Blvd.  
Greenville, SC 29614

Phone: (864) 770-1374

Email: [titleix@bju.edu](mailto:titleix@bju.edu)



# Student LIFE

## STUDENT CONDUCT

Within the context of a liberal arts education, the mission of Bob Jones University is to help students develop Christlike character that is manifested in a scripturally disciplined life, service to others, love for God, sharing of the Gospel, and biblical discernment about what God values for eternity. Accomplishing healthy discipleship requires an edifying campus atmosphere and an environment that promotes spiritual growth.

In order to maintain such an environment, BJU bases its system of accountability and correction on the functions of Scripture taught in 2 Timothy 3:16: teaching, reproof, correction and training in righteousness. The goal is to develop “complete” Christians fully equipped for every good work (2 Tim. 3:17).

In executing correction BJU is interested in the student’s long-term spiritual success. The University recognizes that while the total campus community—students, faculty and staff—continually battles the flesh on an individual basis, when the Holy Spirit is at work in the believer’s heart, spiritual growth and sanctification take place.

## STUDENT ACTIVITIES & ORGANIZATIONS

### Student Activities

#### *Art Exhibits*

Art connoisseurs, industry professionals and art-lovers of all kinds enjoy the many art exhibits throughout the academic year. Scheduled each year are regionally and nationally recognized guest artists, exhibitions of work by BJU Art and Design alumni, juried competitions, and exhibitions of student work. Highlights of the year’s exhibition schedule include the group exhibitions by seniors in the Studio Art; Fashion Design; Interior Architecture and Design; Graphic Design; and Photography programs. In addition, two overall student competitions are displayed each year: the Midyear Classwork Show in December and the Art and Design and Photography Contests in April. Student work is often for sale at these exhibitions. Art exhibits are held in the Sargent Art Building, which is part of the Gustafson Fine Arts Center.

#### *Bible Conference*

The annual Bible Conference is one of the outstanding features of the academic year. Extending for three days, the Conference brings to the campus America’s outstanding fundamental Bible teachers, pastors and evangelists. All regular academic work is suspended for the Bible Conference.

#### *BJU Heritage Day*

One day is set aside each year in October to remember the rich heritage of Bob Jones University. The blessing of God upon BJU is evident in the lives of the many godly men and women who have



served as the faculty and staff since the school's founding. The day features a special chapel service that includes personal memories of Dr. Bob Jones Sr., Dr. Bob Jones Jr. and the many others who have been vital to the history of this ministry. These programs often include video and audio clips from the early days of BJU.

### *Bruins Spirit Week/Day*

In a show of unity and pride during specifically defined days of the academic year, Bruins gear is worn and special activities are planned. The week or day culminates with home Bruins intercollegiate games. Go Bruins!

### *Center for Global Opportunities*

The Center for Global Opportunities exists to promote a vision for and participation in 21st century gospel expansion. Bob Jones University is a community of over 3,500 believers, with students pursuing over 70 different degree programs, representing six academic schools—but we all have one Great Commission. Enlisting the University family in Gospel-centered activity locally and around the world, the Center for Global Opportunities is a hub which synergizes all the creativity, passion and skills nurtured in a liberal arts environment and engages it to impact the world by making disciples of Jesus Christ

### *Chapel Services*

One of the highlights of the day at Bob Jones University is the 35-minute chapel service held three to four times each week. These services are a source of great inspiration to students, faculty and staff. During chapel, messages are brought by the president, administrators, faculty members or guest speakers. Each semester features a semester Christian living theme chapel series on Mondays as well as a doctrinal theme series each Wednesday. On Tuesday, the chapel period is devoted to Life Groups by society in which students discuss and practically apply Monday's chapel message. Each Friday the time consists of student-led chapels, society or student body meetings.

Ministry Chapel is also held one day each week during the regular chapel time for students majoring in the School of Religion and those interested in ministry. These students meet together to receive instruction and inspiration from the director of Ministry Training and other experienced men of God.

### *Christmas Celebration*

Thousands of students, faculty and staff, visitors and friends from the community gather around the front campus fountains for the annual carol sing and lighting ceremony each December. The evening starts with activities for elementary age children and culminates in the illumination of nearly 100,000 Christmas lights followed by an evening of family activities.

### *Concert, Opera & Drama Series*

Each year the University's Concert, Opera & Drama Series presents programs by the world's leading solo artists and ensembles, as well as a Shakespearean production. The student program fee provides each full-time student with a season ticket. In addition, the Divisions of Music and Communication present recitals and concerts by students, members of the faculty and BJU music organizations.

### *CoRE Conference*

The annual CoRE (Connect.Renew.Equip) conference is a highlight for the Seminary faculty and student body each year. The Seminary hosts a conference addressing theological or ministry issues facing church leaders today. Seminary classes are suspended during the two-day conference, and Seminary students attend the conference as full participants.

### *Contests & Awards*

Music, art and literary contests are held each spring. At the annual Awards Ceremony, medallions are awarded to contest winners in art, brass, composition, extemporaneous essay, photography, piano, strings, voice and woodwinds. Individual awards for excellence are also given in the various academic disciplines. In addition to these competitions, other awards include society awards; the Chancellor's Award, given to the outstanding senior ministry student; the Founder's Awards, presented to a young man and a young lady discipleship group leader whose influence and leadership have been most akin to the efforts of the Founder; the Ernest I. Reveal Soulwinning Awards, given to a young man and a young lady for soulwinning zeal and activity; American Legion Awards, presented to two seniors for outstanding citizenship; and scholastic awards to the student with the highest academic average for the academic year and to the graduating senior with the highest academic average.

### *Evangelism Conference*

A guest chapel speaker brings a series of messages to inspire and instruct students and faculty to improve their witness for Christ to the lost. The BJU community leaves motivated to use their opportunities to win souls for Christ.

### *Global Opportunities Week*

One week in the academic year is set aside for a special missions conference called Global Opportunities Week. For this event BJU brings outstanding missionary speakers to its chapel platform. Representatives of many well-known fundamental mission boards come to the conference to promote missions and to confer with potential missionary candidates.

### *Homecoming & Family Weekend*

The weekend is planned to provide many opportunities for guests to build friendships and enjoy time with their families. Events include, Throwback Society Day, Parent and Alumni Chapel, class and affinity reunions, Bruins intercollegiate games, the Bruin Family Game show and Fine Arts events.

### *Intercollegiate Athletics*

BJU participates in NCCAA Division II in men's and women's basketball, cross country, soccer, men's baseball and women's lacrosse and volleyball. BJU's men's and women's golf and distance track team participates in NCCAA and BJU's shooting sports participate in the Scholastic Shooting Sports Foundation. Intercollegiate athletics at BJU provide Christian athletes the opportunity to develop and use God-given talents to glorify God by exhibiting a strong Christian testimony and to benefit others. At BJU, participation in intercollegiate athletics is a privilege that comes with responsibility to self, the team, the University and, most importantly, the Lord Jesus Christ. BJU athletes are foremost students focused on spiritual growth and strong academic achievement. They avail themselves of the opportunities offered by the intercollegiate athletic environment to learn self-control, consideration for others, respect for authority and sportsmanship above championship.

Specific policies and procedures pertaining to the BJU intercollegiate athletic program are set forth in the Intercollegiate Athletics Handbook, which is available on the BJU intranet.

### *Intramural Sports*

In addition to intercollegiate sports, students have the opportunity to participate in a well-integrated program of intramural athletics through societies. The societies are divided into four leagues, two for men (American and National) and two for women (American and National). Emphasis is given to participation through multiple team and individual sport opportunities. The competition includes a variety of team and individual sports, such as soccer, basketball, softball, volleyball,

badminton and table tennis. The winners in both the men's and women's sports awards competition are determined by means of a graduated point system. Sports awards trophies are presented along with other university awards during commencement week.

Specific policies and procedures pertaining to the BJU intramural sports program are set forth in the BJU Intramural Athletic Handbook, which is available on the BJU intranet.

## Living Gallery

The *Living Gallery* is a boldly unique, dramatic presentation of sacred masterworks of art depicting Christ's ministry and passion. Presented by Bob Jones University and the BJU Museum & Gallery, the *Living Gallery* experience allows the campus family and guests to view the finest in religious art in fresh, innovative ways as life-size re-creations come to life through representations using live models. Each performance also incorporates a drama that clearly presents the Gospel message.

## Local Church Attendance

Faithful participation in a local church is integral to the BJU student experience. After following the church selection process and selecting a church, students are required to attend all Sunday activities of their local church.

## Ministry Teams—Drama, Music, Science & Technology

Bob Jones University ministry teams provide an outlet for students to come alongside churches and Christian schools, using their God-given talents to edify the body of Christ. Team members demonstrate their abilities in science and mathematics, drama, and music, showing the academic strength that Bob Jones University offers. But ministry teams do not exist primarily for promotional purposes. Their main purpose is to encourage and exhort congregations and Christian schools throughout the United States. Ministry teams build up schools and churches through gospel-centered messages. Those traveling stay with families from the host church; this gives students opportunities to minister in an informal setting. They and their host family share joys and burdens as they live life together for just a few days. And team members take away a renewed passion for their calling as they continue to prepare for a future of service for the sake of Christ.

## Mission Teams

Each year students have the opportunity to minister in other regions of the world by participating in one of BJU's mission teams organized through the Center for Global Opportunities. Students prepare throughout the year and raise their own financial support. Teams go to various countries spanning the globe using trade skills, sports, music and preaching/teaching to reach the lost with the Gospel and to challenge the team members to consider their lifelong level of involvement concerning the Great Commission. Each fall one chapel service is set aside for the promotion of summer mission teams.

## Museum & Gallery

Through its collection of sacred art, the BJU Museum & Gallery exists to promote the appreciation, understanding and preservation of quality fine art that reflects universal and scriptural truths based on God's Word and works. The collection of old master paintings contains representative works of Flemish, Dutch, German, French, Italian and Spanish paintings from the 14th through 19th centuries.

## Overseas Summer Study Tours

BJU conducts overseas study tours to various areas. University course credit is available but optional. The tours are conducted by experienced members of the BJU faculty.

### *Scholastic Bowl*

University societies compete in this intramural competition, culminating in the championship clash. The questions cover a wide range of knowledge and draw upon many areas, including Bible, liberal arts, science and current affairs. The winning society receives recognition at the annual awards ceremony.

### *SMART Program*

SMART (Sharing Masterworks of Art) is an educational outreach program that serves secondary students in the community by hosting them for the last dress rehearsal of each Shakespearean play presented on campus. The program is designed to enhance the students' understanding, enjoyment and appreciation of the performing arts. It provides educational support in the form of printed material and special introductions to prepare students for stage productions on campus.

### *STAND Education Conference*

The University hosts a one-day conference for young people. The STAND (Sound Teaching About Navigating Decisions) education conference integrates a biblical worldview into current topics.

### *Summer Orientation*

Summer Orientation is a two-day event designed to acquaint new students and their parents with Bob Jones University and the opportunities students have here, answer questions about being a student at BJU, and accomplish some of the preliminary academic tasks (including placement tests and registration). Over the course of their stay, students and parents will attend several general sessions that are intended to help in the student's transition from high school to college. In addition, students and parents alike will have the opportunity to enjoy BJU's Student Information Fair and interact with representatives from its academic schools and numerous campus departments.

### *U.Day*

Short for University Day, U. Day is a fun, educational street fair with dozens of interactive booths and activities designed for all age groups. Booths are sponsored by a variety of BJU's academic programs, BJU's Museum & Gallery, the Center for Global Opportunities and Bob Jones Academy as well as a number of local representatives from Greenville County. Admission to U. Day is free and open to the public.

### *Washington Center Day (Special Olympics)*

For over 25 years Bob Jones University faculty and students have volunteered with the Greenville Area 4 Special Olympics. Annually, more than 500 students help the over 1,200 students with intellectual disabilities in this international athletic program. Since 1990 BJU has hosted and sponsored Washington Center Challenge Day, a developmental event for the students with moderate to severe intellectual disabilities from Greenville County School District's Washington Center. The School of Education and the School of Health Professions, Division of Exercise and Sport Science, in collaboration with the Greenville County Recreation Department and other local businesses, coordinates and supports this event.

### *Weekly Ministry Groups*

BJU has approximately 100 outreach ministries in which students spread the Gospel in the community and surrounding region. Students minister in local churches, nursing homes, children's clubs, community centers and many other ministries, reaching out each week to people through evangelism, discipleship and encouragement. This ministry of BJU's students to the greater Greenville area has been a tremendous asset to pastors and churches, and a great opportunity for the students to learn as they train to serve the Lord.

## Fine Arts Groups

### *Bands & Orchestras*

***Symphonic Wind Band:*** This organization of approximately 60 players is devoted to the performance of the finest concert literature, both secular and sacred, for winds and percussion. The Symphonic Wind Band performs at least four concerts each year, in addition to recording and touring regularly. Membership is open through audition to all students.

***String Orchestra:*** This organization performs literature from the standard orchestra repertoire and performs at least three times each year. Membership is open through audition to all students.

***University Symphony Orchestra:*** The University Symphony Orchestra presents a concert each semester and performs in opera productions. In addition to the standard symphonic repertoire, the orchestra often performs special assignments, such as recording for films. Membership is open to all students through audition.

***Chamber Orchestra:*** This specialized ensemble with flexible instrumentation performs advanced chamber works, opera, oratorio and occasional music. Members are drawn from the Symphony Orchestra.

### *Choral Groups*

The choral program at BJU exists to support the growth of the Christian student into the image of God and to equip him or her to use music for the service of God. The developmental program is comprised of multiple graded choirs. All students are welcome to audition and are placed according to their classification and abilities. Singers are re-auditioned periodically to determine proper placement. The program consists of seven choirs: University Singers, Collegiate Choir, Lyric Choir, Men's Glee, Concert Choir, Chorale and Chamber Singers. Performance venues include concerts of standard choral literature, church music and opera productions. Participants will have the opportunity to reach their individual technical and artistic choral potential within a program that strives for the highest level of musical excellence.

### *Classic Players/Drama*

The Classic Players is one of the outstanding college Shakespearean repertoire groups in the world. Membership is open to students who show the requisite ability in public tryouts. A major production is presented each year, including great plays such as *Hamlet*, *Julius Caesar*, *Macbeth*, *The Merchant of Venice* and other plays covering the great majority of the Shakespearean repertoire.

### *Instrumental Ensembles*

Several chamber ensembles provide opportunity for specialized performance by qualified instrumental students. These include a brass ensemble, woodwind ensemble, string ensemble, guitar ensemble, chamber harp ensemble, handbell choir and percussion ensemble.

### *Recitals*

Recitals celebrate God's glory through music and drama. Hours of instruction, days of practice and years of discipline culminate in this moment for friends and family to gather and see what God has accomplished. During the course of their college careers, students have taken performance classes, competed against each other and participated in various groups. Weeks prior to the recital, students undergo the recital check, which determines whether or not they are qualified to perform. Finally, in the days before the recital, the performers mentally prepare for the stage—the pressure of an audience, the desire to represent their time at college well, and the hope of giving their listeners an artistic gift. Only God could have brought the performers to this moment. Only God deserves the praise.

### *University Opera Association*

Opera productions are presented biennially, often with guest artists featured in the principal roles along with student and faculty soloists. Supporting roles and chorus parts are taken by students who show requisite ability.

### Campus Media

#### The Collegian

Bob Jones University's student newspaper, The Collegian, was founded in 1987 as a journalism lab that offered students hands-on experience in producing a biweekly publication. Students write and edit articles, design the layout and take photographs for the paper. Stories in The Collegian focus on campus personalities and student life, helping to unify the large and diverse student body. The Collegian is an eight-page weekly college newspaper whose purpose is to inform, enlighten and entertain its readers—BJU's students, faculty, alumni and extended community. Published every Friday, it is distributed for free on campus and is available online.

#### Vintage

The *Vintage*, “a season's produce” by definition, is BJU's yearbook. The staff responsible for producing it is composed of students from varied academic divisions and classifications within the University. Colorful, uniquely photographed and beautifully bound, the annual mirrors not only classes and activities, but also the student body's goals and Christian philosophy of life. Full-time students pay a yearbook fee (required) in both the fall and spring semesters. A student attending only one semester of an academic year, may purchase a yearbook by paying the second semester fee.

#### *WBJU-FM IQ Radio/TV*

*WBJU-FM IQ Radio* is the student-staffed, award-winning radio station at BJU. IQ Radio broadcasts and streams fresh instrumental music seven days a week to BJU students on 104.5 FM and listeners around the globe. The staff produces weekly on-air announcing shifts, podcasts and station production elements, along with planning special broadcasts and engaging the audience on social media. Additional information can be found at [www.facebook.com/bju.iqradio](http://www.facebook.com/bju.iqradio).

*WBJU-TV* is the student-staffed television station that provides the student body with campus video features and announcements throughout the day. Students build on their classroom knowledge with practical experience as anchors, reporters, producers, videographers and technical crew members in a variety of programming formats. Students can watch WBJU-TV at various locations around campus. Additional information can be found at [www.facebook.com/BJU.WBJU](http://www.facebook.com/BJU.WBJU).

## STUDENT COUNCILS, SOCIETIES & FORUMS

### American Advertising Federation Student Chapter (AAF)

AAF BJU is the Bob Jones University college chapter of the American Advertising Federation, and is affiliated with the Academic Division of the AAF and District 3 of the AAF. AAF BJU exists to provide and promote a better understanding of the functions of advertising and of its values to students; to stimulate and encourage advertising professionalism through advertising education; to aid students in applying the skills, creativity and energy of advertising to help solve social problems and to further the cause of Christ; to develop the individual abilities of its members; and to promote fellowship and exchange of ideas. AAF BJU is primarily comprised of students in the Marketing, Graphic Design and Journalism and Mass Communication programs, but is open to all BJU students enrolled in at least one marketing, graphic design or communication course each semester.

## American Choral Directors Association Student Chapter (ACDA)

The BJU American Choral Directors Association Student Chapter serves as an arm of the BJU choral program and the ACDA in promoting camaraderie, student professional development and leadership skills among students. Membership is open to any student interested in choral singing, conducting, music education or church music.

## Art & Design Forum

The Art and Design Forum exists to give art students the opportunity to gain a broader understanding of their field of study outside the classroom. Professional artists, gallery curators, retail art dealers and graphic designers present practical information about their work experiences. The format includes panel discussions, question and answer sessions, video or slide presentations, and lectures. Subjects vary and may include art philosophies, artwork pricing, art techniques, minority artists, job opportunities, artist demonstrations and critiques. Five sessions are scheduled throughout the academic year.

## The Bond: Chemistry & Physics

The Bond exists to provide students with an understanding of the many facets of the programs offered by the Department of Chemistry and Physics, to make students aware of current trends and issues within their fields, to facilitate more interaction between students and experienced professionals, to encourage interaction between older and younger students, to facilitate peer mentoring and to provide an organized body for corporate encouragement and prayer.

## Collegiate Biology Association (CBA)

The Collegiate Biology Association provides students with an opportunity to develop leadership skills and have a larger vision of the many facets of biology; to make students aware of current trends and issues within the different biological fields; to allow for more interaction between students and experienced researchers, as well as between older and younger students; to provide an organized body for corporate encouragement and prayer; and to urge students on to a closer and deeper relationship with Christ.

## Community Service Council (CSC)

The Community Service Council is an organization made up of students who volunteer their time to various service projects in the Greenville community. To fulfill its purpose, the CSC seeks to serve others in any way possible, provide BJU students the opportunity to engage in selfless service, to elevate the reputation of Bob Jones University, and to ultimately increase the testimony of our Lord and Savior Jesus Christ. In past years they have cleaned up area parks and the Greenville Zoo, collected money for the Heart Fund and other charitable organizations, and sponsored an on-campus blood drive.

## Criminal Justice Association (CJA)

The Criminal Justice Association exposes interested students in all degree programs to the many facets of the American criminal justice system. Positional perspectives, items of current interest, as well as emerging trends and other topics, are addressed during regularly scheduled forums by working criminal justice practitioners. Contact with active career professionals also provides greater insight into the possibilities for Christian ministry offered by the varied occupational specialties within law enforcement, the courts and corrections.

## Exercise & Sport Science Association

The purpose of the Exercise and Sport Science Association is to provide professional development for students in the kinesiology and sport management degree programs. The association provides information regarding related career opportunities, helping students develop professional skills

for the future and fostering networking opportunities between student, faculty and alumni in the Division of Exercise and Sport Science. The association meets regularly throughout the academic year where instruction will be provided to members by field-related professionals and experts. This pursuit shall be conducted within the confines and principles of the Christian liberal arts environment fostered by Bob Jones University. All students in the kinesiology science and sport management degree programs are encouraged to hold membership in the Exercise and Sport Science Association each year.

### Greek Forum

The Greek Forum meets biannually each academic year as an opportunity for the Greek students to expand their knowledge and understanding of the language, culture and heritage of New Testament Greek and to encourage, inspire and motivate each one in their Greek studies. This forum provides a venue for exploring topics related to New Testament Greek that range beyond the scope of the normal classroom discussion.

### Health Sciences Association (HSA)

The Health Sciences Association exists to provide students with an opportunity to develop leadership skills and have a larger vision of the many facets of health sciences, to make students aware of current trends and issues within the different health sciences fields, to allow for more interaction between students and experienced professionals, to develop community relations to encourage more opportunities for student and community growth and development, and to urge students on to a closer and deeper relationship with Christ.

### International Student Organization (ISO)

The mission of International Student Organization is to help international students to adjust to American culture, and to provide programs to support and serve the needs of international students. The ISO will provide the international student community with formal representation within the University.

### Inter-Society Council

The Inter-Society Council is composed of the president and vice-president of each student society. The purpose of the Council is to supervise societies, relay and implement university policies, coordinate inter-society functions, promote university morale and exalt the Lord Jesus Christ in everything the societies do. The council meets bimonthly for ideas, seminars, discussions, fellowship and refreshment. The purpose of societies is to develop productive, cooperative and godly relationships. See Volume I of the Bob Jones University Policy Manual for a copy of the Inter-Society Council Constitution.

### Journalism & Mass Communication Forum

Several times each semester the Journalism and Mass Communication Forum meets to provide students with a broader understanding of the media. Typically, meetings feature guest speakers who are working professionals representing organizations such as newspapers, magazines, radio or television stations, public relations departments and agencies, media consulting or media ministries. Students generally have the opportunity to interact with these professionals in formal Q&A sessions and in post-meeting informal conversation.

### Literary Societies

Developing friendships is essential to the college experience. Men's and women's societies serve as one of the major avenues for building relationships oriented toward serving God, one another and the surrounding community. Every student is eligible for membership in one of these groups. Officers are elected each semester within each society. Societies meet weekly for devotions,



entertainment and fellowship. Society officers plan special activities for the society, including meetings, a dating outing and an outing for members only.

### Missions Advance

The purpose of Missions Advance is to stimulate missionary zeal and vision on the campus. Missions Advance exists to cultivate in the student body a passion for God's glory, resulting in greater participation in world missions through learning, praying and mobilizing. Learning: by inviting speakers, giving presentations and providing missionary letters to better inform students' prayers; praying: by spending a majority of the meetings interceding for God's work around the world and for God to send laborers into His harvest; and mobilizing: by offering avenues through which the student body can be involved in mission work while in school. The principle way students accomplish this is by holding collective prayer meetings two times a week to pray for the specific needs of missionaries. Missions Advance also involves every residence hall discipleship group on campus by providing each one with information about a missionary family and encouraging interaction with them throughout the semester.

### Music Teachers National Association Student Chapter (MTNA)

The BJU MTNA collegiate chapter works to be the foundation of educational, musical, social and professional experience for music teachers throughout their course of formal study and to help open doors through professional opportunities and career options in the field of music.

### Pre-Law Forum

The Pre-Law Forum meets several times a year to provide students the opportunity to hear presentations by and interact with lawyers, law students, pre-law advisors and similar professionals. Students in all degree programs are welcome to attend meetings.

### Pre-Medical Association (PMA)

The Pre-Medical Association exists to provide students with a vision of the many facets of medicine and dentistry. To this end the monthly newsletter and PMA meetings aim to make students aware of current trends and issues within the medical and dental fields. Speakers at the PMA meetings are usually either practicing physicians or dentists, or admission officials from medical or dental schools. The PMA is intended to provide interaction between students and experienced medical and dental personnel, as well as between older and younger students in the Premed/Preudent program at BJU. The PMA Advisory Board consists of four practicing physicians from the Greenville area who provide direction and counsel to students. Board members also help the PMA to schedule speakers and trips to medical schools. PMA members also encourage and pray for each other during the challenging undergraduate years and the medical or dental school application and admission process.

### Programming Intercollegiate Team

The intercollegiate programming team represents BJU at various competitions throughout the southeastern United States. One competition is the regional ACM International Collegiate Programming Contest, and the others are structured in a similar manner. In a contest lasting five hours, teams of three students are given eight complex, real-world problems and one computer on which to solve them. The team that solves the most problems in the shortest cumulative time is the winner. The contests help the team members demonstrate teamwork and ingenuity while working under pressure. As believers they endeavor to reflect the image of God by being creative as He is.

### Public Policy Organization (PPO)

The Public Policy Organization seeks to unite likeminded students of Bob Jones University into an organization which will promote civic responsibility and provide avenues of service for students through various civic and political entities.

## Robotics Intercollegiate Team

BJU engineering students form a robot team each year to design and build a robot for a national collegiate robotics competition. This team is often open to students from other degree programs as well.

## Student Leadership Council (SLC)

The Student Leadership Council functions as the governing organization for the BJU undergraduate student body. The SLC officers are nominated and elected by their peers. It exists to advance the BJU mission by promoting a unified student body, facilitating communication between the administration and student body, supporting student leaders in their service roles, and modeling Christlike character.

The SLC exists to help fulfill the mission of BJU by equipping committed, courageous and compassionate disciple makers of Jesus Christ. It sponsors several campus-wide activities during the year, such as senior class events, intramural championship activities, snow skiing and film nights, along with activities for incoming freshmen at the beginning of the academic year.

The University undergraduate student body elects officers for the SLC each year. One men's and one women's president lead 10 other directors and representatives: the Inter-Society Council men's and women's directors, a community service director, a council treasurer, the men's and women's senior class representatives, the men's and women's chaplains, and the men's and women's event coordinators.

## Student Legislature

Bob Jones University participates in the South Carolina Student Legislature, an intercollegiate organization to improve understanding of the legislative process. Delegates prepare legislation and guide it through committee, the House of Representatives and the Senate in a mock legislative session held at the state capital every fall semester. Student Legislature affords students the opportunity to hone political skills while establishing a testimony for Christ with their peers from other colleges and universities. Membership in the Bob Jones University delegation is open to students in all academic degree programs and is determined through competitive interviews conducted during the spring semester.

## University Business Association (UBA)

Began in 1948 as the University Commerce Association, its originally stated mission was "... to promote a feeling of unity among the business students of the University; and second, to prepare them more thoroughly for business careers through increasing their professional knowledge in a practical way ...." Since its humble beginnings, the University Business Association has changed its name, expanded its scope and enhanced its core mission. The primary purpose of the UBA is to bring before the students successful Christian business people who have used their business opportunities to have a ministry and a testimony for Jesus Christ. A group of UBA student members comprise the Executive Council that provides these business students with many leadership opportunities. UBA also includes a student marketing association affiliated with the American Marketing Association (AMA), the University Investment Association (UIA) and the University Accounting Association (UAA). Being a member of a collegiate chapter opens up professional possibilities with immediate opportunities for professional development, networking and access to information and marketing news. The UBA provides fertile ground for the development of Christian men and women who are called to the ministry of business. Now open to all career-minded students seeking to enhance their future ministry, the UBA helps prepare its members for service to Jesus Christ in whatever field God has called them. All students, regardless of their degree program, are invited to join the UBA.

## University Educators Association (UEA)

The University Educators Association is an integral part of the School of Education. The programs and activities are correlated very closely with the emphasis of the individual classes. This organization provides opportunities for all education students to secure leadership training and many professional contacts. Each of the professional education departments appoints representatives to serve as officers, and each departmental meeting is part of the UEA's programming. All students in the School of Education are urged to become members of the UEA.

Each semester the UEA has a forum for its members where an educator addresses relevant issues in education. In addition to the general meeting, each teacher education program has its own individual meeting each semester. These small content-specific meetings allow teacher candidates and faculty to collaborate about issues related to their specific area. Additionally, a major activity is featured each year. Introduction to the World of Special Olympics is a special program for the disabled children attending Washington Center School. These students are transported to the university campus for day-long activities each fall.

## University Language Association

The University Language Association is an organization composed of students taking courses in world languages. It is the purpose of the association to stimulate an increased interest in world languages and culture. In an informal atmosphere of entertainment, discussion, games and reports, the student gains valuable information and insight in furthering their individual knowledge and language skills.

## University Nursing Association (UNA)

The University Nursing Association is an organization of nursing students that exists to provide fellowship among nursing students of various academic classifications, to organize activities, to promote the University and Christian nursing in the community, to serve the community, to provide educational and occupational opportunity information to its members, to provide a means of recognition for fellow students and faculty members, to promote unity within the Nursing Division, to provide both academic and spiritual encouragement, and above all, to glorify God in all of its activities.

# STUDENT SUPPORT PROGRAMS & SERVICES

## Academic Advising

Each student is assigned to an academic advisor who assists him or her in making out a degree plan of study. New first-year and transfer students are assigned to first-year advisors from the Academic Resource Center who provide dedicated academic advising and assist and/or follow up with students academically during their initial academic year to encourage students toward academic excellence. As first-year students reach sophomore status, they are reassigned to program advisors who provide academic, extracurricular and career guidance in preparation from college to career opportunities.

Academic advisors provide assistance both with studies in general and academic programs. During the academic year a student may consult his or her advisor, dean, division chair, program coordinator, transition advisor or the Registrar's Office at any time concerning his or her course of study and future academic plans.

## Academic Resource Center

The Academic Resource Center seeks to assist students in achieving academic excellence by providing a variety of services and resources to support students' academic goals.

- *Academic advisors* help students to develop their academic plan and to strengthen their specific academic skills, such as time management, study and test-taking skills, note taking and goal setting.
- *Study groups* provide a forum for students to work together to reinforce their understanding of specific course content.
- *Tutor Referral* assists students who are seeking individualized tutoring sessions for specific college courses.
- The *Writing Center* supports students in the development of writing skills by guiding them through the writing process.
- *Academic Accommodations* provides a personalized support system to students with documented learning disabilities by establishing reasonable academic accommodations and offering individualized academic assistance.
- *Transition Advising* guides students through the decision-making process of selecting or changing their degree program.
- *Technology Resources* assists students and faculty by providing technical support for personal computing devices and by offering advice and guidance related to the selection and use of instructional technology equipment and applications.

### Advising of International Students

As the Primary Designated School Official, the international student advisor is the competent immigration authority on campus, ensuring institutional compliance and fulfilling reporting obligations to the Student and Exchange Visitor Program. Beginning with preparation for a visa interview and continuing on through graduation and return home or change of visa status, the international student advisor works to educate international students on receiving and maintaining lawful status in the United States. In addition, the international student advisor assists international students with travel arrangements, cultural adjustment, money handling, community services, employment authorization, health care, housing and utilities.

### Bellis Copy Center

The Bellis Copy Center offers high quality color and black/white printing at a very competitive price. It also offers a wide range of services catered to meet almost every printing or finishing need, including printing, collating, stapling, binding, laminating and cutting. The lobby area includes work tables furnished with a paper cutter, hole punch, staplers and other incidental office supplies, as well as Mac and PC computers for customer use.

### Biblical Counseling

Spiritual and emotional counseling is available to all enrolled students. Assistant deans of mentoring are available to help day students. A resident supervisor and resident mentors are available in each residence hall. Faculty and staff are also available to counsel students in areas such as home issues, spiritual battles, room problems and social adjustment. Everything reasonable will be done to maintain confidentiality and privacy.

### Bruins Shop & Textbook Store

The Bruins Shop offers a wide variety of trade books, quality music, and Bruins merchandise and gift items for everyone. The Textbook Store provides students the convenient opportunity to purchase textbooks either in the store or through its website.

### Canvas LMS

BJU maintains a web-based course management tool called Canvas (powered by Instructure).

### Career Services

Career Services helps students and alumni prepare to enter the workforce by offering career counseling, resume advising, recruiting events and employment opportunities.

## Center for Leadership Development (CLD)

The Center for Leadership Development integrates the academic, student organization, residence hall and campus work opportunities for leadership development. Key components of the CLD include student organizations, outreach ministries and community service. The director of the CLD oversees the Student Leadership Council and with his staff provides leadership coaching and coordinates leadership training, including a retreat prior to first semester and workshops throughout the year. The CLD promotes leadership, defined as an influence relationship for God's glory that engages character and competence to grow people.

## Cleaners

This on-campus cleaners offers the following services to students, faculty and staff with all cleaning services done on the premises, and free pickup from and delivery to the residence halls: professionally dry-clean and press clothes; professionally launder shirts, pants and bedding; professionally clean and press draperies; and professionally clean and preserve wedding gowns. Additionally, the cleaners can store student clothing over the summer.

## Davis Field House (DFH), Fremont Fitness Center & Recreational Facilities

The Davis Field House provides facilities for the University's Division of Exercise and Sport Science, the intramural program, the intercollegiate athletic program and faculty/staff/student recreational opportunities. This includes classrooms, offices, locker rooms, a women's fitness center, an aerobics room, an indoor jogging track and a swimming pool. There are three separate court areas in the DFH which can provide four regulation courts for basketball and volleyball, and six badminton courts. Seating is available for approximately 4,000 people for athletic and special events in the main court.

The Fremont Fitness Center contains locker rooms, saunas, whirlpools, racquetball courts and two exercise rooms, featuring aerobic equipment, weights, and state-of-the-art strength and conditioning equipment.

Additional campus recreational facilities include the athletic fields, Stadium Field track and tennis courts. Table tennis, pool tables and board games are available.

## Dining Services

Dining with friends is an integral part of the college experience. Whether it is a quick bite on the go or a casual sit-down meal, BJU Dining Services makes it easy for students to refuel and reconnect, offering many dining styles to enhance the college experience. Campus locations include the following: Dixon-McKenzie Dining Common (full-service cafeteria), The Den (food court area with offerings including Chick-fil-A and Papa John's Pizza), Cuppa Jones (campus coffee shop), and The Growl (fast-food sandwich and grill location).

## Disability Support Services

BJU, within the bounds of its resources, provides reasonable accommodations to allow all students accepted into a program of study equal opportunity to effectively reach their academic and personal goals. Requests for academic accommodations will be processed on an individual basis through the Academic Resource Center (ARC). The ARC provides a personalized support system to students with documented learning disabilities by establishing reasonable academic accommodations and offering individualized academic assistance. To receive assistance from the ARC, students with learning disabilities must provide a current evaluation report from a qualified examiner. Students with physical disabilities, or hearing or visual impairment must provide official documentation from an appropriate medical physician documenting the disability and its effects on academic achievement. An individualized accommodations plan will be created and implemented for all students qualifying for this service. See the Academic Resource Center for additional information.

Residence hall students and applicants are encouraged to contact Student Development & Discipleship which will process specific housing accommodation requests on an individual basis. See the BJU Housing Accommodation Policy for additional information.

BJU reasonably accommodates persons with disabilities who require the assistance of Service or Support Animals as appropriate. See the BJU Service and Support Animals Policy for additional information.

### Discipleship Group Partnership

The Discipleship Group Partnership Program provides opportunities for faculty, staff and graduate assistants to partner with a discipleship group in the men's and women's residence halls for an entire academic year. This partnership provides additional opportunities for faculty, staff and graduate assistants to interact with and mentor students spiritually, socially and academically. Discipleship group partners commit to pray for the discipleship group consistently, and aim to interact with the discipleship group members through informal and formal gatherings at meals and on- or off-campus events.

### Financial Aid

The BJU Financial Aid Office seeks to help students supplement the cost of a BJU education through a variety of financial aid options.

### Financial Services

Financial Services provides students with services such as BJU Bill Pay, as well as check cashing through the Student Services Hub.

### First-year Experience

First-year Experience supports students spiritually, academically and socially as they transition from high school to college. The department provides assistance to students by seeking to build communities of engagement for first-year students with an effort to create a sense of belonging at BJU.

### International Students

BJU provides an international counselor who functions as the key facilitator in the college enrollment process by giving guidance on careers and degree programs, advising on high school course selection, preparing students for college admission tests, and facilitating the transfer credit process and the financial aid process. The international counselor applies country-specific information to these topics, including academic credentials and evaluation services, international career trends and currency/income. Students for whom English is not their native language receive special communication using easy-to-understand terms and phrases; the international counselor uses students' results from the Test of English as a Foreign Language (TOEFL) to guide students into appropriate degree study, ESL programs and other remedial helps.

### Mack & Music Libraries

The library seeks to assist students by providing a variety of services to help facilitate the use of library resources during a course and the completion of class assignments.

**My Account:** Set up an online account to view items on loan, renew items, borrow books through PASCAL (Partnership Among South Carolina Academic Libraries), place library items on hold or save preferred catalog searches.

**Interlibrary Access:** PASCAL Delivers enables students to request books from participating academic libraries in the state and to receive them at BJU in just a few business days. The Interlibrary Loan (ILL) system enables students to borrow items not available through PASCAL.

**Reference Service:** A librarian is available to assist students in locating information or resources.

**LibGuides:** Online library guides provide research assistance by subject, specific classes and projects, or by discipline, and are developed by librarians and faculty.

**Ask a Librarian:** A librarian is available to assist in researching a question and preparing bibliographies.

**Workshops:** Each semester, workshops are offered that teach students the skills to complete their assignments with quality work.

## Mentoring

Faculty/staff constantly cross paths with students. However, by taking on a protégé, faculty/staff members can intensify their efforts to develop Christlikeness in the next generation. The Student Care Office equips mentors to invest effectively by matching them with protégés and recommending resources, as well as offering guidance and encouragement. Participation in the Mentor Ministry is voluntary for both faculty/staff mentors and students. These relationships often begin during a student's freshman year and continue throughout the student's education.

## Merit

Merit is a service used by BJU to distribute news of student achievements (e.g., president's list, dean's list and graduation among other honors) to students and parents. Whenever BJU issues a Merit badge, the student and his or her parents will receive email notifications which allows them the option to post the information directly to their individual social media pages. In some instances, BJU's Public Relations office will disseminate the information directly to news media in the student's hometown. Merit is a value-added asset to a student's resume. BJU's comprehensive Merit page may be accessed at [bju.meritpages.com](http://bju.meritpages.com)

## Photo Services

BJU Photo Services is responsible for all official photography and photographic printing on campus. In addition to traditional photography, Photo Services provides digital imaging services, which include shooting, scanning and retouching. The purpose of Photo Services is to supply images of the highest professional quality that are effective, uplifting and represent Bob Jones University in a Christ-honoring fashion.

## Post Office

BJU offers students, faculty, staff and community members a full-service, on-campus post office with mailing and shipping services provided through the United States Postal Service, UPS and FedEx. Mail is distributed each business day to campus post office boxes and mail stops, with each residence hall student assigned a campus P.O. Box. Large packages are delivered to the main campus post office for individual pickup.

## Public Safety

The Office of Public Safety strives to protect and serve the University, promoting safety and security while training and maturing its employees to Christlikeness. The Office of Public Safety is composed of both student and full-time employees who are dedicated to serving the Lord at BJU. The purpose of Public Safety is to protect and serve the students, faculty, staff, visitors and alumni of the University. Its goal is to maintain the highest quality of service to the public by providing the best possible training to its employees. While training its employees in the different aspects of their jobs, they are taught biblical principles that will allow them to become more Christlike in character and learn the importance of being servants to those they serve. Public Safety provides many services for the university community and its visitors. In addition to the daily routine of locking and unlocking buildings, it provides traffic and parking control, helps stranded motorists with vehicle assists, gives directions to visitors, and provides safe school crossings for BJA elementary students and 24-hour patrol of the campus. See Volume II for Public Safety policies applicable to the university community.

## Registrar's Office

The Registrar's Office records and processes all academic records in accordance with the academic policies established by the Deans Council. The Registrar's Office provides services to both faculty and students for maintaining and distributing academic information.

## Residence Halls

Residence halls at Bob Jones University are staffed by a resident supervisor and resident mentors. There are four men's and four women's residence halls for single students. Residence hall rooms are fully carpeted, air-conditioned and provide computer connections to the campus network. Each room is outfitted with built-in furniture (two student desks, two bunk bed units, overhead and hanging closet space, and built-in drawer space). Each residence hall also provides a study lounge.

Some residence halls are equipped with handicapped access. To aid campus security, residence hall doors are accessible only by student ID cards, and all outside entrances to the residence halls are monitored by video surveillance equipment.

All residence hall students attend a Bible study or prayer meeting from 10:30–10:50 p.m. on Sunday. Residence hall discipleship group meetings provide students with a time to deepen their relationship with the Lord by studying God's Word together and interceding on one another's behalf in prayer.

## Student Care Office

The Student Care Office (SCO) exists to provide a place of confidential biblical counseling and general care and encouragement for students at Bob Jones University. The SCO encourages mentoring relationships between faculty/staff and students by providing resources, encouragement and advice. The SCO serves as a point of contact for faculty/staff seeking to coordinate care spiritually, emotionally, academically and financially through a process of information sharing and referrals across the Student Development & Discipleship offices. The SCO also is a place where students can get confidential advice about Title IX reporting.

## StudentCentral

StudentCentral is the internet portal for accessing student academic information, for planning prospective cocurricular and work schedules, and for registering for classes. The portal is available at [studentcentral.bju.edu](http://studentcentral.bju.edu) or the University's intranet at [home.bju.edu](http://home.bju.edu).

## Student Development & Discipleship

Student Development & Discipleship is primarily responsible to help students thrive through campus life and to spearhead student discipleship efforts. Its major functions include the coordination of mentoring, biblical counseling, accountability and leadership development. The Student Development & Discipleship offices consist of the dean of men, the dean of women, student care, social events and the Center for Leadership Development. The goal of each of these ministries is to help students grow in Christlike virtue out of love for God and others.

## Student Services Hub

The Student Services Hub is a one-stop resource for services in the Registrar's Office, Financial Services and Financial Aid. The Hub is able to handle student needs related to tuition and billing, payments, financial aid, registration, grades and transcripts.

## Student Work Program

Through BJU's Student Work Program, students earn money working on campus during the academic year. Qualifying students work 5 to 25 hours a week (depending on jobs available). Earnings are paid biweekly and applied to a student's tuition account or paid in cash.



Campus job opportunities are available in many departments. Students in the program work for managers who are concerned for the students' academic well-being and are flexible in accommodating class schedules. The University cannot guarantee work for all students and cannot guarantee that each student will earn the approved amount each week.

Application for a job may be made through [www.bju.edu/studentjobs](http://www.bju.edu/studentjobs).

The Student Work Program gives priority to undergraduate students living in the residence halls. International students are limited to a maximum of 19 hours per week and are subject to additional labor laws.

A limited number of work students may also qualify for the Federal Work-Study Program, which is a federally funded aid program available to full-time students. See the BJU Federal Work-Study Policy for additional information.

## ALUMNI ASSOCIATION

The Bob Jones University Alumni Association is composed of graduates, former students and friends united together in support of one another, the University and the Gospel through prayer, networking, giving and promotion. The association provides tools and encouragement to aid members in fulfilling this mission of building relationships with one another and the University. These tools include activities for fellowship, such as the Homecoming & Family weekend, with class reunions and a general reception for members; the annual Bruin Nation 5K Family Race; local membership gatherings and special receptions for local alumni in various professional fields.

The Alumni Association also puts on a specific event each year for each class—freshman, sophomore and junior—and multiple events for each senior class. The goals are to increase student awareness of the Alumni Association and the benefits of membership, and to foster a desire among class members to fellowship with each other before and after graduation. Other benefits of membership include access to [BJUAlumni.com](http://BJUAlumni.com) (the interactive online directory of association members), group discounts with businesses, cash grants to alumni children and awards presented to outstanding, faithful alumni. The association also keeps alumni informed of membership and university news through email and social media.



*College of*  
**ARTS & SCIENCE**

# PROGRAMS

The College of Arts and Science offers liberal arts programs and supports the liberal arts core on the undergraduate level. It provides a liberal arts education by teaching a person to be at home in the world of the mind and ideas, by helping him or her to understand and respond constructively to problems in the larger world, and by challenging him or her to bring discipline and order into his or her own life and that of a needy society. Based on the eternal foundation of God's Word, the touchstone of truth, the College uniquely integrates faith and learning, teaching not only how to make a living but also how to live.

## GOALS

The student will ...

- Analyze and evaluate a broad spectrum of ideas.
- Solve authentic, real-world problems.
- Articulate a biblical response to issues within his discipline.

## DIVISIONS & DEPARTMENTS

The College of Arts and Science is organized into five divisions:

- Division of English Language and Literature
- Division of World Languages and Cultures
- Division of Natural Science
  - Department of Biology
  - Department of Chemistry and Physics
  - Department of Engineering
- Division of Mathematical Sciences
  - Department of Mathematics*
  - Department of Computer Science*
- Division of History, Government and Social Science

## DEGREES OFFERED

### *Undergraduate Degrees*

The *Associate of Arts* degree with a major in Liberal Arts

The *Associate of Science* degree with a major in Criminal Justice

The *Bachelor of Arts* degree with majors in English, French, History, Humanities, Interdisciplinary Studies, International Studies and Spanish

The *Bachelor of Science* degree with majors in Actuarial Science, Biochemistry and Molecular Biology, Biology, Chemistry, Computer Science, Criminal Justice, Cybersecurity, Engineering, Information Technology, Interdisciplinary Studies, Mathematics and Physics



**Renae M. Wentworth, EdD**  
*Dean*

## Associate of Arts, Liberal Arts

**Kimberly G. Daulton, MS**  
Program Coordinator

### Liberal Arts Program Summary

Major .....	12
BJU Core .....	24
Electives.....	24
<b>Total (minimum).....</b>	<b>60</b>

### DEGREE COURSES

#### Major: 12 credits

Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
Ph 200	Themes in Western Thought (3)

#### BJU Core: 24 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
En 102	Composition & Rhetoric (3)
English	Composition (3)
Com 101	Fundamentals of Speech (3)
Uni 101	Pathways (3)
<i>Mathematics or Science Elective (3)</i>	
FA 125	Christianity & the Arts (3)

#### Electives: 24 credits

The Associate of Arts in Liberal Arts prepares students for further study in a variety of academic majors and professional fields. It also allows a student to explore various academic disciplines. Students take 36 credits in liberal arts and 24 credits in general electives. The program supports BJU's goals to educate the whole person through a biblically integrated liberal arts curriculum and to equip individuals with a biblical worldview and with the ability to defend that worldview.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Analyze and evaluate a broad spectrum of ideas.
- Communicate effectively through various means.
- Apply biblical teachings in varied academic disciplines.

### SUGGESTED SCHEDULE

#### First Year

Uni 101	Pathways (3)	En 102	Composition & Rhetoric (3)
Bi 205	OT Literature & Interpretation (3)	FA 125	Christianity & the Arts (3)
	English Composition (3)	Com 101	Fundamentals of Speech (3)
	Electives (6)		Electives (6)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

#### Second Year

Sc 200	Essential Science (3)	SSE 200	Foundations of Economics (3)
Hi 101	The Making of the Modern World (3)	Bi 209	NT Literature & Interpretation (3)
	Mathematics or Science Elective (3)	Ph 200	Themes in Western Thought (3)
	Electives (6)		Electives (6)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

## Bachelor of Arts, Humanities

Mark E. Sidwell, PhD  
Program Coordinator

### Humanities Program Summary

Major .....	36
BJU Core .....	63
Electives .....	21
<b>Total (minimum).....</b>	<b>120</b>

### DEGREE COURSES

#### Major: 36 credits

Hmn 400	Humanities Seminar (3)
<i>American Literature Elective<sup>1</sup> (3)</i>	
· En 205	American Lit 1607–1865 (3)
· En 206	American Lit since 1865 (3)
<i>English Electives (300/400-level) (9)</i>	
<i>History Electives (300/400-level) (9)</i>	
<i>Natural Science Elective (3)</i>	
<i>Philosophy Elective (300/400-level) (3)</i>	
<i>Psychology Elective (200/400-level) (3)</i>	
<i>Psychology Elective (300/400-level) (3)</i>	

#### BJU Core: 63 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>British Literature Elective<sup>2</sup> (3)</i>	
· En 202	British Lit to 1688 (3)
· En 203	British Lit since 1688 (3)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
<i>World Language (12)</i>	
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

#### Electives:

21 credits and/or select a minor

The Humanities major provides preparation for a number of career options that call for a broadly based, comprehensive college education. Rather than focusing on one or two academic disciplines, it offers exposure to a variety of courses in the arts and sciences. It calls for studies in English, philosophy, world language, history, mathematics, science, art, music, speech and a large number of electives while allowing postponement of specialized study until graduate school.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Analyze and evaluate a broad spectrum of ideas.
- Solve authentic, real-world problems.
- Articulate a biblical response to a variety of academic and societal issues.

### SUGGESTED SCHEDULE

#### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	FA 125	Christianity & the Arts (3)
Hi 101	The Making of the Modern World (3)	Com 101	Fundamentals of Speech (3)
Bi 205	OT Literature & Interpretation (3)		World Language (3)
	World Language (3)		Electives or Minor (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

#### Second Year

Sc 200	Essential Science (3)	SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)	Bi 209	NT Literature & Interpretation (3)
	British Literature Elective <sup>2</sup> (3)		American Literature Elective <sup>1</sup> (3)
	World Language (3)		History Elective (300/400-level) (3)
	Math/Computer or Science Elective (3)		World Language (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

#### Third Year

Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
Com 410	Oral Comm for the Professions (3)		English Elective (300/400-level) (3)
	English Elective (300/400-level) (3)		History Elective (300/400-level) (3)
	Psychology Elective (200/400-level) (3)		Natural Science Elective (3)
	Electives or Minor (3)		Electives or Minor (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

#### Fourth Year

Th 499	Apologetics & Worldview (3)	Hmn 400	Humanities Seminar (3)
	English Elective (300/400-level) (3)		History Elective (300/400-level) (3)
	Psychology Elective (300/400-level) (3)		Philosophy Elective (300/400-level) (3)
	Electives or Minor (6)		Electives or Minor (6)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

<sup>1</sup> En 205 American Literature 1607–1865 or En 206 American Literature since 1865.

<sup>2</sup> En 202 British Literature to 1688 or En 203 British Literature since 1688.

## Bachelor of Arts or Bachelor of Science, **Interdisciplinary Studies**

**H. Doug Garland, EdD**  
*Program Coordinator*

Interdisciplinary Studies allows students to customize an individualized program to answer significant questions or to prepare for a specific career or for graduate school. Students combine perspectives from multiple disciplines in BJU's diverse curriculum to produce a new product, thought, or solution that is more complex than can be supported by a single discipline or profession. Possibilities are endless for the student with vision, energy, and focus.

Students interested in Interdisciplinary Studies must enroll in IDS 101 Introduction to Interdisciplinary Studies, submit an application, and complete at least 15 credits with a 2.75 cumulative grade point average. In the application students identify a career goal, two or three disciplines connected to the goal, courses in the disciplines, and a capstone experience. Upon approval by the faculty and dean, the student signs a contract outlining the Interdisciplinary Studies components. Students must maintain a 2.75 grade point average throughout the program. The program requires 120 total credits.

The program is offered as both a Bachelor of Arts degree and a Bachelor of Science degree. If the student's program requires one or more disciplines offered by BJU as a Bachelor of Arts, then the Interdisciplinary Studies program must be taken as a Bachelor of Arts.

### **PROGRAM LEARNING OUTCOMES**

The student will...

- Define a specific problem or goal requiring an interdisciplinary approach and solution.
- Design learning experiences, including courses and projects, to address the problem or goal.
- Articulate biblical connections to the problem or goal.
- Synthesize multiple disciplinary perspectives to solve the problem or achieve the goal.



## DEGREE COURSES

### Major: 48 credits

IDS 101 Introduction to Interdisciplinary Studies (3)

IDS 401 Interdisciplinary Studies Capstone (3)

#### 2 or 3 Disciplines (42)

- Discipline 1 (100/200-level) (9)
- Discipline 1 (300/500-level) (15)
- Discipline 2 (100/200-level) (6)
- Discipline 2 (300/500-level) (12)

#### OR

- Discipline 1 (100/200-level) (6)
- Discipline 1 (300/500-level) (9)
- Discipline 2 (100/200-level) (6)
- Discipline 2 (300/500-level) (9)
- Discipline 3 (100/200-level) (3)
- Discipline 3 (300/500-level) (9)

### BJU Core: 63 (BA); 51 (BS) credits

Bi 205 Old Testament Literature & Interpretation (3)

Bi 209 New Testament Literature & Interpretation (3)

Th 350 Bible Doctrines (3)

Th 360 Bible Doctrines (3)

Th 499 Apologetics & Worldview (3)

En 102 Composition & Rhetoric (3)

En 103 Composition & Literature (3)

*English or Writing Elective* (3)

Com 101 Fundamentals of Speech (3)

Com 410 Oral Communication for the Professions (3)

*World Language* (12; BA)

Uni 101 Pathways (3)

Hi 101 The Making of the Modern World (3)

SSE 200 Foundations of Economics (3)

Sc 200 Essential Science (3)

*Math/Computer or Science Elective* (3)

Ph 200 Themes in Western Thought (3)

FA 125 Christianity & the Arts (3)

### Electives:

9 (BA); 21 (BS) credits

## BA, Interdisciplinary Studies Program Summary

Major ..... 48

BJU Core ..... 63

Electives ..... 9

**Total (minimum) ..... 120**

## BS, Interdisciplinary Studies Program Summary

Major ..... 48

BJU Core ..... 51

Electives ..... 21

**Total (minimum) ..... 120**

## SUGGESTED SCHEDULE

### First Year

IDS 101 Intro to Interdisciplinary Studies (3)

Uni 101 Pathways (3)

En 102 Composition & Rhetoric (3)

Bi 205 OT Literature & Interpretation (3)

Discipline 1 (100/200-level) (3)

**Total Credits: 15**

En 103 Composition & Literature (3)

FA 125 Christianity & the Arts (3)

Com 101 Fundamentals of Speech (3)

Discipline 1 (100/200-level) (3)

Math/Computer or Science Elective (3)

**Total Credits: 15**

### Second Year

Hi 101 The Making of the Modern World (3)

Bi 209 NT Literature & Interpretation (3)

Discipline 2 (100/200-level) (3)

English or Writing Elective (3)

World Language (3; BA) and/or

Elective (3)

**Total Credits: 15**

Sc 200 Essential Science (3)

Discipline 1 (100/200-level) (3)

Discipline 2 (100/200-level) (3)

World Language (3; BA) and/or

Elective (6)

**Total Credits: 15**

### Third Year

Th 350 Bible Doctrines (3)

Ph 200 Themes in Western Thought (3)

Discipline 1 (300/500-level) (3)

Discipline 2 (300/500-level) (3)

World Language (3; BA) and/or

Elective (3)

**Total Credits: 15**

SSE 200 Foundations of Economics (3)

Th 360 Bible Doctrines (3)

Discipline 1 (300/500-level) (3)

Discipline 1 (300/500-level) (3)

World Language (3; BA) and/or

Elective (3)

**Total Credits: 15**

### Fourth Year

Com 410 Oral Comm for the Professions (3)

Discipline 1 (300/500-level) (3)

Discipline 2 (300/500-level) (3)

Discipline 2 (300/500-level) (3)

Electives (3)

**Total Credits: 15**

IDS 401 Interdisciplinary Studies Capstone (3)

Th 499 Apologetics & Worldview (3)

Discipline 1 (300/500-level) (3)

Discipline 2 (300/500-level) (3)

Electives Minor (3)

**Total Credits: 15**

- Suggested schedule is based on Interdisciplinary Studies with two disciplines. Sequence will be slightly different with three disciplines. The student's final sequence will be determined in IDS 101 Introduction to Interdisciplinary Studies.
- First-year, first semester students should select an introductory course in one of the anticipated disciplines.

# DIVISION OF ENGLISH LANGUAGE & LITERATURE



**Bruce E. Rose, PhD**  
*Chair*

The Division of English Language and Literature of the College of Arts and Science offers a major in English with concentrations in creative writing or literature and minors in Creative Writing, English, Linguistics, and Teaching English to Speakers of Other Languages. The division also offers courses in grammar, composition and literature for students to fulfill the general degree requirements in English and as general electives.

## PURPOSE

In support of the University's commitment to building Christlike character, the Division of English Language and Literature exists to provide the foundation in English language and literature for a liberal arts education. It seeks to develop in all university students basic skills in written communication, in critical reading and research, and in understanding and appreciating literature. It seeks to help students specializing in English develop general intellectual and communication skills for a variety of professional interests and vocational needs and to provide solid preparation for advanced work in English. It seeks to equip future English teachers richly for a ministry of teaching.

## GOALS

The student will ...

- Communicate well, particularly in writing, to the larger world.
- Interpret and create works of literature from varied cultures and in varied genres.
- Effectively navigate the world of ideas.
- Articulate a biblical response to issues connected with English language and literature.
- Apply knowledge of language structure to a broad range of situations.
- Value written expression that is aesthetically or culturally influential.

Certificate in Linguistics (12 credits)

Li 301	Descriptive Linguistics (3)
Li 302	Historical-Comparative Linguistics (3)
Li 303	Field Methods in Linguistics (3)
<i>3 credits selected from the following:</i>	
· Li 523	Discourse Analysis (3)
· Frn 495	Independent Study in French (3)
· Spn 442	Spanish Linguistics (3)
· Spn 495	Independent Study in Spanish (3)

TESOL Certificate, Basic (6 credits)

En 509	Structure of Modern English (3)
En 516	TESOL Methods (3)

TESOL Certificate, Intermediate (12 credits)

En 509	Structure of Modern English (3)
En 516	TESOL Methods (3)
Li 301	Descriptive Linguistics (3)
SSS 504	Cultural Anthropology or Com 520 Intercultural Communication (3)

TESOL Certificate, Advanced (24 credits)

En 508	History of the English Language (3)*
En 509	Structure of Modern English (3)
En 510	Advanced Grammar for TESOL (3)
En 516	TESOL Methods (3)
En 517	TESOL Practicum (3)
Li 301	Descriptive Linguistics (3)
SSS 504	Cultural Anthropology (3)*
Com 520	Intercultural Communication (3)*

\*Six credits of a single world language (100/200-level) may be substituted for two of these courses.

## CERTIFICATE IN LINGUISTICS

The Certificate in Linguistics prepares students not only to communicate in their language of study but also to understand the structure of language at a deeper level. It also prepares students for graduate study and professional work in linguistics, including areas such as Bible Translation. Students in majors or minors not in the Division of English Language and Literature are also eligible to complete the certificate.

## Skills

The student will . . .

- Describe the phonological and grammatical structure of a language.
- Transcribe phonetically in different languages.
- Apply linguistic theory to language learning

## CERTIFICATE IN TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES

The Teaching English to Speakers of Other Languages (TESOL) Certificate exists to prepare students to teach English to non-native speakers, primarily in ministry settings, in the United States or abroad. The certificate is available on three levels. The basic level program includes coursework in English structure and ESL/EFL teaching methods, and higher levels both deepen and diversify the base. The program supports the Division of English goals that students be able to communicate effectively and apply knowledge of language structure, and it supports the division's purpose of equipping future English teachers richly for the ministry of teaching. Students may request the appropriate certificate when they have successfully completed the prescribed courses for their highest level if they have a grade point average of 2.5 or higher in these courses. The courses taken for the certificate do not constitute a degree program. The certificate does not imply teacher licensure by the state of South Carolina.

## Skills

For all levels, the student will . . .

- Identify learners' needs.
- Write good lesson plans and teach effective lessons.
- Discuss the structure of sentences.

For intermediate level, the student will . . .

- Apply the concept of the phoneme to language learning and teaching.

For advanced level, the student will . . .

- State rules for some difficult areas of grammar.

## CREATIVE WRITING MINOR

The Creative Writing minor provides instruction in the fundamentals of creative writing and its application. Through a wide choice of electives it offers the opportunity to focus on particular applications of imaginative writing: fiction, drama, poetry, film and video.

A minor in Creative Writing consists of En 203 British Literature since 1688 (3) or En 206 American Literature since 1865 (3); CW 212 Creative Writing (3), En 300 Literary Criticism (3), Com 211 Expository Writing (3) and six credits from CW 411 Short Story Writing (3), CW 412 Novel Writing (3), CW 413 Script Writing (3), CW 414 Poetry Writing (3), CW 415 Writing for Children (3), CW 416 Writing Creative Nonfiction, Com 310 Magazine Writing (3) or Thr 317 Playwriting (3).

## TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES MINOR

The minor in Teaching English to Speakers of Other Languages (TESOL) prepares a person to teach English to native speakers of other languages, either in the United States or abroad. The minor in TESOL includes the courses needed for the Certificate in TESOL (Intermediate).

A minor in Teaching English to Speakers of Other Languages consists of Li 301 Descriptive Linguistics (3), En 509 Structure of Modern English (3), En 510 Advanced Grammar for TESOL (3), En 516 TESOL Methods (3), En 517 TESOL Practicum (3) (En 517 must follow the completion of En 516), and either SSS 504 Cultural Anthropology (3) or Com 520 Intercultural Communication (3). We recommend that candidates also take six credits of a single world language on the elementary or intermediate level.

## ENGLISH MINOR

The English minor provides a strong liberal-arts context for a wide range of applications. Survey courses on the 200 level offer an introduction to an important body of British and American literature and its intellectual and cultural backgrounds. These and higher-level courses also promote an awareness of the capabilities of language as employed by the great masters of English poetry and prose.

A minor in English consists of En 202 British Literature to 1688 (3) or En 203 British Literature since 1688 (3); En 205 American Literature 1607–1865 (3) or En 206 American Literature since 1865 (3); En 300 Literary Criticism (3) and nine credits of electives with an En prefix at the 300–500 level.

## LINGUISTICS MINOR

The linguistics minor provides an excellent foundation for a graduate degree in linguistics or applied linguistics, and some of the courses directly support a future career in interpreting or translation, including Bible translation.

A minor in Linguistics consists of Li 302 Historical-Comparative Linguistics (3), Li 511 Phonetics & Phonology (3), Li 512 Morphology & Syntax (3), Li 513 Field Methods (3), and six credits of electives with an Li prefix.

## Bachelor of Arts, English

The Bachelor of Arts degree in English, which offers concentrations in creative writing and literature, prepares Christian students for careers and ministries for which effective written communication is vital. The 36 credits for the creative writing concentration provide both a broad knowledge of literature, from ancient to modern, and experience composing imaginative works across the traditional genres. The 36 credits for the literature concentration integrate coursework that focuses on clear and persuasive discourse, critical reading and research, and analysis of language and literature. Taught within the framework of a biblical worldview, the program meets the needs of students who, recognizing the power of the written word, desire to use it to serve others and to magnify the excellence of God, in a variety of applications in the business and professional world as well as for advanced work in English or other academic pursuits.

Rhonda S. Galloway, EdD  
Program Coordinator

## DEGREE COURSES

### Major: 36 credits

En 203	British Literature since 1688 (3)
En 206	American Literature since 1865 (3)
En 300	Literary Criticism (3)
En 380	Classical & Medieval Literature (3)
En 381	Modern World Literature (3)
En 479	English Seminar (3)

### Shakespeare Elective<sup>1</sup> (3)

- En 411 Shakespeare Early Plays (3)
- En 412 Shakespeare Late Plays (3)

CW 212	Creative Writing (3)
CW 411	Short Story Writing (3)
Com 310	Magazine Writing (3)

### Writing Elective<sup>2</sup> (6)

- CW 412 Novel Writing (3)
- CW 413 Script Writing (3)
- CW 414 Poetry Writing (3)
- CW 415 Writing for Children (3)
- CW 416 Writing Creative Nonfiction (3)
- Com 206 Fundamentals of Publishing (3)
- Com 222 Fundamentals of Technical Writing (3)
- Com 324 Business Writing (3)
- En 489 English Internship (3)
- Thr 317 Play Writing (3)

### BJU Core: 63 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
Com 211	Expository Writing (3)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
<i>World Language (12)</i>	
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

21 credits and/or select a minor

## English (Creative Writing) Program Summary

Major .....	36
BJU Core .....	63
Electives .....	21
<b>Total (minimum).....</b>	<b>120</b>

## SUGGESTED SCHEDULE (Creative Writing)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	FA 125	Christianity & the Arts (3)
Hi 101	The Making of the Modern World (3)	Com 101	Fundamentals of Speech (3)
Bi 205	OT Literature & Interpretation (3)		World Language (3)
	World Language (3)		Electives or Minor (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Second Year

CW 212	Creative Writing (3)	En 206	American Literature since 1865 (3)
En 203	British Literature since 1688 (3)	Sc 200	Essential Science (3)
Ph 200	Themes in Western Thought (3)	Bi 209	NT Literature & Interpretation (3)
	World Language (3)	Com 211	Expository Writing (3)
	Math/Computer or Science Elective (3)		World Language (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Third Year

CW 411	Short Story Writing (3)	En 380	Classical & Medieval Literature (3)
En 300	Literary Criticism (3)	Th 360	Bible Doctrines (3)
SSE 200	Foundations of Economics (3)	Com 310	Magazine Writing (3)
Th 350	Bible Doctrines (3)		Writing Elective <sup>2</sup> (3)
	Electives or Minor (3)		Electives or Minor (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Fourth Year

Com 410	Oral Comm for the Professions (3)	En 381	Modern World Literature (3)
	Shakespeare Elective <sup>1</sup> (3)	En 479	English Seminar (3)
	Writing Elective <sup>2</sup> (3)	Th 499	Apologetics & Worldview (3)
	Electives or Minor (6)		Electives or Minor (6)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

<sup>1</sup> En 411 Shakespeare Early Plays or En 412 Shakespeare Late Plays

<sup>2</sup> CW 412 Novel Writing, CW 413 Script Writing, CW 414 Poetry Writing, CW 415 Writing for Children, CW 416 Writing Creative Nonfiction, Com 206 Fundamentals of Publishing, Com 222 Fundamentals of Technical Writing, Com 324 Business Writing, En 489 English Internship or Thr 317 Play Writing.

## ENGLISH (CREATIVE WRITING) PROGRAM LEARNING OUTCOMES

The student will . . .

- Analyze knowledgeably a range of literature from different eras and cultures.
- Compose effectively in multiple literary genres.
- Produce writing that is grammatically appropriate and stylistically effective.
- Exhibit a biblical worldview when evaluating literature or producing works of creative written expression.
- Prepare a manuscript for publication according to professional standards.

## Rhonda S. Galloway, EdD Program Coordinator

### DEGREE COURSES

#### Major: 36 credits

En 300	Literary Criticism (3)
En 380	Classical & Medieval Literature (3)
En 479	English Seminar (3)
En 509	Structure of Modern English (3)

#### American Literature Elective<sup>1</sup> (3)

· En 205	American Literature 1607-1865 (3)
· En 206	American Literature since 1865 (3)

#### American Literature Period Elective<sup>2</sup> (3)

· En 441	American Literature to 1820 (3)
· En 442	American Literature 1820-1865 (3)
· En 443	American Realistic & Naturalistic Literature (3)

#### British Literature Elective<sup>3</sup> (3)

· En 202	British Literature to 1688 (3)
· En 203	British Literature since 1688 (3)

#### British Literature Period Elective<sup>4</sup> (3)

· En 421	Sixteenth Century Literature (3)
· En 422	Seventeenth Century Literature (3)
· En 431	Eighteenth Century Literature (3)
· En 432	British Romantic Literature (3)
· En 433	Victorian Literature (3)

#### Shakespeare Elective<sup>5</sup> (3)

· En 411	Shakespeare Early Plays (3)
· En 412	Shakespeare Late Plays (3)

#### English Electives (300/500-level) (6)

#### Writing Elective<sup>6</sup> (3)

· CW 212	Creative Writing (3)
· Com 222	Fundamentals of Technical Writing (3)
· Com 310	Magazine Writing (3)
· Com 323	Critical Writing (3)
· Com 324	Business Writing (3)

#### BJU Core: 63 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
Com 211	Expository Writing (3)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
<i>World Language (12)</i>	
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

#### Electives:

21 credits and/or select a minor

### English (Literature) Program Summary

Major .....	36
BJU Core .....	63
Electives .....	21
<b>Total (minimum).....</b>	<b>120</b>

### SUGGESTED SCHEDULE (Literature)

#### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	FA 125	Christianity & the Arts (3)
Hi 101	The Making of the Modern World (3)	Com 101	Fundamentals of Speech (3)
Bi 205	OT Literature & Interpretation (3)		World Language (3)
	World Language (3)		Electives or Minor (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

#### Second Year

Ph 200	Themes in Western Thought (3)	Sc 200	Essential Science (3)
Com 211	Expository Writing (3)	Bi 209	NT Literature & Interpretation (3)
	British Literature Elective <sup>3</sup> (3)		American Literature Elective <sup>1</sup> (3)
	World Language (3)		World Language (3)
	Math/Computer or Science Elective (3)		Writing Elective <sup>6</sup> (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

#### Third Year

En 300	Literary Criticism (3)	En 380	Classical & Medieval Literature (3)
En 509	Structure of Modern English (3)	Th 360	Bible Doctrines (3)
SSE 200	Foundations of Economics (3)		American Literature Period Elective <sup>2</sup> (3)
Th 350	Bible Doctrines (3)		Electives or Minor (6)
	Electives or Minor (3)		<b>Total Credits: 15</b>
	<b>Total Credits: 15</b>		

#### Fourth Year

Com 410	Oral Comm for the Professions (3)	En 479	English Seminar (3)
	British Literature Period Elective <sup>4</sup> (3)	Th 499	Apologetics & Worldview (3)
	English Elective (300/500-level) (3)		English Elective (300/500-level) (3)
	Shakespeare Elective <sup>5</sup> (3)		Electives or Minor (6)
	Electives or Minor (3)		<b>Total Credits: 15</b>
	<b>Total Credits: 15</b>		

<sup>1</sup> En 205 American Literature 1607-1865 or En 206 American Literature since 1865

<sup>2</sup> En 441 American Literature to 1820, En 442 American Literature 1820-1865 or En 443 American Realistic & Naturalistic Literature

<sup>3</sup> En 202 British Literature to 1688 or En 203 British Literature since 1688

<sup>4</sup> En 421 Sixteenth Century Literature, En 422 Seventeenth Century Literature, En 431 Eighteenth Century Literature, En 432 British Romantic Literature or En 433 Victorian Literature

<sup>5</sup> En 411 Shakespeare Early Plays or En 412 Shakespeare Late Plays

<sup>6</sup> CW 212 Creative Writing, Com 310 Magazine Writing, Com 323 Critical Writing, Com 222 Fundamentals of Technical Writing or Com 324 Business Writing

### ENGLISH (LITERATURE) PROGRAM LEARNING OUTCOMES

The student will . . .

- Analyze, interpret and evaluate literature within a framework of biblical understanding.
- Write an effective literary-critical essay utilizing library resources.
- Analyze audience and situation to create documents that meet rhetorical needs.
- Apply language conventions and effective organization to written discourse.

# DIVISION OF WORLD LANGUAGES & CULTURES



Jeremy P. Patterson, DML, PhD  
Chair

The Division offers majors in French and Spanish, and minors in Chinese, French, German and Spanish. Courses in the division are offered for students to fulfill the bachelor of arts degree requirements in world language. Courses are also available as general electives.

## PURPOSE

The Division of World Languages and Cultures exists to teach students to communicate in Chinese, French, German or Spanish and to understand better their own and other cultures, with the ultimate purpose of using their language skills in service to Christ and to others.

## GOALS

The student will ...

- Communicate in the target language at an acceptable level of proficiency.
- Compare the products, practices and perspectives of the source and target cultures.
- Articulate in the target language a biblical perspective on a variety of topics.
- Extend language use through interdisciplinary connections and immersion and service opportunities in target language communities.

## PLACEMENT TESTING

All students who enroll in a world language course for the first time, regardless of prior language proficiency or study, must take a placement test to determine the point at which they should begin university language study. No college credits are awarded for testing out of language courses, but students enrolled in a language major or minor may validate applicable courses. Upon completion of 9 credits at the appropriate level, they may receive credit for applicable courses toward their programs.

## LANGUAGE ROOMS

BJU Language rooms are language immersion rooms. In both men's and women's residence halls, students may apply to live in one of these rooms where they will speak only the language they are learning. Outside the room, students, of course, have the freedom to use English, but the daily practice with roommates is a tremendous way to increase proficiency and fluency. The Division offers four

languages (Chinese, French, German and Spanish), and the availability of places in different language groups depends every year on how many students apply.

## STUDY ABROAD

Students of any language are encouraged to pursue independent study abroad at other universities in the summer. Interested candidates should consult with the language faculty about qualifying programs abroad. French and Spanish students also have the opportunity to participate in BJU Study Abroad programs led by faculty members in French- and Spanish-speaking countries. This experience provides students with an opportunity to be immersed in both the language and culture while living or interacting with families. Students take two courses in culture and communication, visit historic sites, and participate actively in community events and local church activities.

### Certificate in Second Language Teaching (9 credits)

Ed 201	Theories of Teaching & Learning (3)
Ed 341	Teaching World Languages (9-12) (3)
Ed 338	Teaching World Languages (Pre-K-8) (3)

### Certificate in Spanish Translation & Interpreting (12 credits)

Li 305	Introduction to Translation & Interpreting (3)
Spn 331	Spanish Grammar & Composition (3)
Spn 450	Business & Legal Spanish (3)
Spn 451	Medical Spanish (3)

## CERTIFICATE IN SECOND LANGUAGE TEACHING

The Certificate in Second Language Teaching prepares students to teach language at the P-12 levels and to pursue graduate studies. The certificate does not lead to teacher licensure.

### Skills

The student will . . .

- Articulate a philosophy of second language teaching that is based on second language acquisition theories.
- Apply second language acquisition theories to effective classroom planning.
- Apply second language acquisition theories to effective classroom instruction.

## CERTIFICATE IN SPANISH TRANSLATION & INTERPRETING

The Certificate in Spanish Translation and Interpretation prepares students for the specialized work in business, legal and medical translation or interpreting. It provides knowledge of optional and required certification in different areas and exposes them to both the theory and practice of translation and interpreting.

### Skills

The student will . . .

- Distinguish between translation and interpreting.
- Translate and interpret in different fields, both Spanish-English and English-Spanish.
- Identify potential professional certification in translation or interpretation.



### Certificate in World Cultures (12 credits)

*World Language (300-level) (3)*

SSS 200 Introduction to World Cultures (3)

CCS 406 Cross-Cultural Discipleship (3)

*3 credits selected from the following:*

· SSS 504 Cultural Anthropology (3)

· Com 520 Intercultural Communication (3)

## CERTIFICATE IN WORLD CULTURES

The Certificate in World Cultures combines language, communication, cross-cultural service and sociology courses to prepare students to be global citizens and cross-cultural communicators of the Gospel. This certificate thereby contributes to the division goals of comparing cultures and evaluating them from a biblical perspective. Students in majors or minors not in the Division of World Languages and Cultures are also eligible to complete the certificate.

### Skills

The student will . . .

- Compare the products, practices and perspectives of different cultures.
- Communicate effectively in cross-cultural settings.
- Evaluate cultural differences from a biblical worldview.

## CHINESE MINOR

In support of the University's commitment to a liberal arts education and to the effective communication of biblical truths, the Chinese minor prepares students to attain functional fluency in a Chinese-speaking environment and gives them a solid foundation for continuing their studies in Chinese.

A minor in Chinese consists of Chn 121 Elementary Chinese I (3), Chn 122 Elementary Chinese II (3), Chn 221 Intermediate Chinese I (3), Chn 222 Intermediate Chinese II (3) (offered at Bob Jones University), and Chn 300 Chinese Language Room (1-3) or one to two 300-level summer online courses taken from the Beijing Language and Culture University. Students may obtain approval to take the 300-level courses at another college or university; however, acceptance of transfer credits is subject to validation by the Division of World Languages and Cultures placement process. See prior section on placement testing.

Beijing Language and Culture University, China - Summer Courses

OEC 301 Chinese Communication (3 credits)

Mandarin Chinese language and intercultural proficiency development with a special emphasis on the interpersonal mode of communication at the advanced level. Prerequisite: Chn 222.

OEC 302 Chinese Composition (3 credits)

Review of Mandarin Chinese grammatical structures necessary for communication at the intermediate level with an emphasis on written presentational communication. Prerequisite: Chn 222.

## GERMAN MINOR

In support of the University's commitment to a liberal arts education and to the effective communication of biblical truths, the German minor prepares students to attain functional fluency in a German-speaking environment and gives them a solid foundation for continuing their studies in German.

A minor in German consists of 18 credits: Grm 112 Elementary German II (3), Grm 211 Intermediate German I (3), Grm 212 Intermediate German II (3), Grm 310 German Composition (3), Grm 312 German Conversation (3) and three credits from Grm 300 German Language Room (1-3), Grm 397 Independent Study in German (3) or Grm 399 Studies Abroad: Oral & Written German (3). Grm 111 Elementary German I does not count toward the German minor. See prior section on placement testing.

## FRENCH MINOR

In support of the University's commitment to a liberal arts education and to the effective communication of biblical truths, the French minor prepares students to attain functional fluency in a French-speaking environment and gives them a solid foundation for continuing their studies in French.

A minor in French consists of Frn 305 French Conversation (3), Frn 306 French Composition (3), and twelve credits of courses with an Frn prefix. Frn 101 Elementary French I does not count toward the French minor. See prior section on placement testing.

## Bachelor of Arts, French

**Jeremy P. Patterson, DML, PhD**  
Program Coordinator

### French Program Summary

Major .....	36
BJU Core .....	63
Electives .....	21
<b>Total (minimum).....</b>	<b>120</b>



In support of the University's commitment to a liberal arts education that is thoroughly infused with a biblical worldview, the French major prepares students to communicate at the Advanced level, so that candidates will be qualified for employment in fields that require expertise in French, prepared for advanced studies in French and equipped for ministry in French-speaking communities. All students take courses in language, literature and civilization. Students can also participate in division-sponsored study abroad courses. In order to complete the necessary credits, almost all students will need to study abroad for one summer; in addition to BJU Study Abroad courses, recommended programs are available in Lille, France and Laval, Quebec, Canada. The program requires 36 credits in French beyond Frn 101.

### PROGRAM LEARNING OUTCOMES

The student will . . .

- Communicate in French at the Advanced level in the interpersonal mode.
- Communicate in French at the Advanced level in the presentational mode.
- Understand French at the Advanced level in the interpretive mode.
- Evaluate francophone cultures from a biblical worldview.

## DEGREE COURSES

### Major: 36 credits

Frn 102	Elementary French II (3)
Frn 201	Intermediate French I (3)
Frn 202	Intermediate French II (3)
Frn 303	French Civilization to 1715 (3)
Frn 304	French Civilization since 1715 (3)
Frn 305	French Conversation <sup>2</sup> (3)
Frn 306	French Composition (3)
Frn 307	Survey of French Literature to 1800 (3)
Frn 308	Survey of French Literature since 1800 (3)
Frn 479	French Capstone Seminar (1)
<i>French Elective (300/400-level)<sup>1</sup> (8)</i>	
· Frn 300	French Language Room (1–3)
· Frn 490	Special Topics in French (3)
· Frn 495	Independent Study in French (3)
· Frn 496	French Studies Abroad: Francophone Cultures (3)
· Frn 497	French Studies Abroad: French Communication (3)

### BJU Core: 63 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
<i>World Language (12)</i>	
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

21 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Frn 102	Elementary French II (3)
Bi 205	OT Literature & Interpretation (3)	FA 125	Christianity & the Arts (3)
	Math/Computer or Science Elective (3)	Com 101	Fundamentals of Speech (3)
	World Language (3)		World Language (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Second Year

Frn 201	Intermediate French I (3)	Frn 202	Intermediate French II (3)
Hi 101	The Making of the Modern World (3)	Ph 200	Themes in Western Thought (3)
Bi 209	NT Literature & Interpretation (3)		World Language (3)
	English or Writing Elective (3)		Electives or Minor (6)
	World Language (3)		<b>Total Credits: 15</b>
<b>Total Credits: 15</b>			

### Third Year

Frn 305	French Conversation <sup>2</sup> (3)	Frn 303	French Civilization to 1715 (3)
Frn 307	Survey of French Literature to 1800 (3)	Frn 306	French Composition (3)
Sc 200	Essential Science (3)	Th 360	Bible Doctrines (3)
Th 350	Bible Doctrines (3)		French Elective (300/400-level) <sup>1</sup> (3)
	Electives or Minor (3)		Electives or Minor (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Fourth Year

Frn 308	Survey of French Literature since 1800 (3)	Frn 304	French Civilization since 1715 (3)
SSE 200	Foundations of Economics (3)	Frn 479	French Capstone Seminar (1)
Com 410	Oral Comm for the Professions (3)	Th 499	Apologetics & Worldview (3)
	French Elective (300/400-level) <sup>1</sup> (3)		French Elective (300/400-level) <sup>1</sup> (2)
	Electives or Minor (3)		Electives or Minor (6)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

<sup>1</sup> Frn 300 French Language Room (1–3), Frn 490 Special Topics in French, Frn 495 Independent Study in French (3), Frn 496 French Studies Abroad: Francophone Cultures or Frn 497 French Studies Abroad: French Communication (3)

<sup>2</sup> Students enrolling in Frn 305 French Conversation are also to enroll in the Advanced Language Proficiency Seminar (preparation for the Oral Proficiency Interview). Seminar enrollment is required every semester until a rating of Advanced Low or higher is achieved or until Frn 479 French Capstone Seminar is successfully completed.

\* Recommended minors: Business, Linguistics, Teaching English to Speakers of Other Languages.

## SPANISH MINOR

In support of the University's commitment to a liberal arts education and to the effective communication of biblical truths, the Spanish minor prepares students to attain functional fluency in a Spanish-speaking environment and gives them a solid foundation for continuing their studies in Spanish.

A minor in Spanish consists of 18 credits of courses with an Spn prefix. Elementary Spanish (Spn 141, Spn 142) does not count toward the Spanish minor. See prior section on placement testing.

## Bachelor of Arts, **Spanish**

M. Amos Kasperek, PhD  
*Program Coordinator*

### Spanish Program Summary

Major .....	36
BJU Core .....	63
Electives .....	21
<b>Total (minimum).....</b>	<b>120</b>



In support of the University's commitment to a liberal arts education that is thoroughly infused with a biblical worldview, the Spanish major prepares students to communicate at the Advanced level, so that candidates will be qualified for employment in fields that require expertise in Spanish, prepared for advanced studies in Spanish, and equipped for ministry in a variety of Spanish-speaking communities. All students take core courses in language, literature, civilization, and linguistics. Additionally, students are able to take elective courses and are encouraged to participate in the division-sponsored study abroad courses. The program requires 36 credits in Spanish above the first year of Elementary Spanish (Spn 141, Spn 142).

### PROGRAM LEARNING OUTCOMES

The student will ...

- Communicate in Spanish at the Advanced level in the interpersonal mode.
- Communicate in Spanish at the Advanced level in the presentational mode.
- Understand Spanish at the Advanced level in the interpretive mode.
- Evaluate Hispanic cultures from a biblical worldview.

## DEGREE COURSES

### Major: 36 credits

Spn 241	Intermediate Spanish I (3)
Spn 242	Intermediate Spanish II (3)
Spn 330	Spanish Conversation <sup>3</sup> (3)
Spn 331	Spanish Grammar & Composition (3)
Spn 479	Spanish Capstone Seminar (1)
<i>Spanish Civilization Elective<sup>1</sup> (3)</i>	
· Spn 343	Civilization of Latin America (3)
· Spn 344	Civilization of Spain (3)
<i>Spanish Literature Elective<sup>2</sup> (3)</i>	
· Spn 380	Introduction to Hispanic Literature & Culture (3)
· Spn 480	Survey of Spanish Literature (3)
· Spn 481	Spanish-American Literature (3)
· Spn 490	Special Topics in Hispanic Literature & Culture (3)
<i>Spanish Electives (300/400-level) (17)</i>	

### BJU Core: 63 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
<i>World Language (12)</i>	
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

21 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Spn 242	Intermediate Spanish II (3)
Spn 241	Intermediate Spanish I (3)	Com 101	Fundamentals of Speech (3)
Bi 205	OT Literature & Interpretation (3)	Math/Computer or Science Elective (3)	
FA 125	Christianity & the Arts (3)	Electives or Minor (3)	
<b>Total Credits: 15</b>			

### Second Year

Spn 331	Spanish Grammar & Composition (3)	Spn 330	Spanish Conversation <sup>2</sup> (3)
Hi 101	The Making of the Modern World (3)	Sc 200	Essential Science (3)
Bi 209	NT Literature & Interpretation (3)	Ph 200	Themes in Western Thought (3)
Spanish Elective (300/400-level) (2)		English or Writing Elective (3)	
World Language (3)		World Language (3)	
<b>Total Credits: 14</b>			

### Third Year

Th 350	Bible Doctrines (3)	SSE 200	Foundations of Economics (3)
Spanish Literature Elective <sup>2</sup> (3)		Th 360	Bible Doctrines (3)
Spanish Elective (300/400-level) (3)		Spanish Civilization Elective <sup>1</sup> (3)	
World Language (3)		Spanish Elective (300/400-level) (3)	
Electives or Minor (3)		World Language (3)	
<b>Total Credits: 15</b>			

### Fourth Year

Th 499	Apologetics & Worldview (3)	Spn 479	Spanish Capstone Seminar (1)
Spanish Elective (300/400-level) (3)		Com 410	Oral Comm for the Professions (3)
Spanish Elective (300/400-level) (3)		Spanish Elective (300/400-level) (3)	
Electives or Minor (6)		Electives or Minor (9)	
<b>Total Credits: 15</b>			

<sup>1</sup> Spn 343 Civilization of Latin America or Spn 344 Civilization of Spain

<sup>2</sup> Spn 380 Introduction to Hispanic Literature & Culture, Spn 480 Survey of Spanish Literature, Spn 481 Spanish-American Literature or Spn 490 Special Topics in Hispanic Literature & Culture

<sup>3</sup> Students enrolling in Spn 330 Spanish Conversation are also to enroll in the Advanced Language Proficiency Seminar (preparation for the Oral Proficiency Interview). Seminar enrollment is required every semester until a rating of Advanced Low or higher is achieved, which is a requirement for graduation.

· Recommended minors: Business, Linguistics, Teaching English to Speakers of Other Languages

# DIVISION OF NATURAL SCIENCE

The Division of Natural Science of the College of Arts and Science includes the Departments of Biology, Chemistry and Physics, and Engineering.

Courses in the division and various departments are offered for students to fulfill the general degree requirements in science. Courses are also available as general electives.

## PURPOSE

The Division of Natural Science offers programs in science and engineering. It also provides the science courses for the liberal arts core, teaching the fundamentals of scientific thinking and encouraging appreciation for science and its relevance to everyday living. It teaches its programs within a biblical framework while maintaining scientific rigor, providing the scholastic and spiritual excellence promised by the BJU Pledge.

## GOALS

The student will ...

- Articulate a biblical response to issues in his or her discipline.
- Solve authentic problems in his or her discipline.
- Explain the concepts and principles that underlie the factual knowledge in his or her discipline.
- Execute the skills characteristic of his or her profession.



Richard C. Mowrey Jr., PhD  
*Chair*

# Department of Biology

David W. Boyd Jr., PhD  
*Department Head*

The Department offers a major and minor in Biology. Courses are offered in this department for majors requiring a biology emphasis and for students to fulfill the general degree requirements in science. Courses are also available as general electives.



## BIOLOGY MINOR

The Biology minor provides a general understanding of foundational biological concepts for non-biology majors. It also promotes analytical and critical thinking skills for a wide range of applications.

A minor in Biology consists of 19 credits including Bio 100 General Biology I (4), Bio 101 General Biology II (4), Bio 300 Evolution & Origins (3), and eight credits from Bio 203 Biological Diversity (4), Bio 208 Organismal Biology I (4), Bio 209 Organismal Biology II (4), or Bio 305 Essentials of Cell Biology (4).

## Bachelor of Science, **Biology**

The Biology program captures the breadth of biology while maintaining the necessary depth of preparation for continued study in graduate and professional schools. Students are offered five different concentrations to allow a level of specialization appropriate for the undergraduate level. All concentrations require students to study life at the molecular, cellular and organismal levels and to develop the big-picture context of the interaction of organisms with each other and with their environment. Students learn a scientific and philosophical refutation of evolution while learning the superior strengths of biblical creation. The Cell Biology concentration allows development of a deeper focus on the cellular and molecular levels while the Zoo & Wildlife Biology concentration allows development of an emphasis on selected organisms studied in a field context. Pre-Veterinary advising is available for students who elect the Zoo & Wildlife Biology concentration, and with careful selection of courses, can be customized to provide excellent preparation for veterinary medicine programs. The biotechnology core includes three concentrations: Biomedical Research, Biomechanics, and Environmental Technologies & Resources. Each is designed to provide a cross-disciplinary understanding of science and to develop skills needed for careers in the life sciences sector, including corporate research and development (R&D) and innovation. Overall, the Biology program requires 45-65 credits in the major and supports the Division of Natural Science's goal to train the student to solve authentic problems in the discipline.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Critically evaluate the limitations of science, materialistic and naturalistic philosophies, and demonstrate the superiority of the biblical worldview in explaining origins.
- Interpret and critique experimental data and experimental designs, formulate testable hypotheses and competently investigate hypotheses in the laboratory or in the field as appropriate.
- Compare and contrast the interrelationship between basic life processes with special emphasis on the role of information and energy transduction.
- Apply the relationship that exists between structure and function at multiple levels of biological organization and correctly predict the consequences of change or failure.
- Solve inheritance problems that demonstrate an understanding of fundamental transmission genetics.

## Biology (Biomechanics) Program Summary

Major .....	64
BJU Core .....	53
Electives .....	3
<b>Total (minimum).....</b>	<b>120</b>

## DEGREE COURSES

### Major: 64 credits

Bio 101	General Biology II (4)
Bio 104	Introduction to Biotechnology (3)
Bio 210	Foundations of Biological Investigation (3)
Bio 300	Evolution & Origins (3)
Bio 303	Human Anatomy & Physiology I (4)
Bio 330	Biostatistics (3)
Bio 409	Independent Study (1)
Bio 410	Independent Study (1)
Bio 413	Biotechnology Research (2)
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Chm 206	Essential Organic Chemistry (4)
Phy 201	General Physics I (4)
Phy 202	General Physics II (5)
Eng 101	Introduction to Engineering (3)
Eng 210	Computer Aided Design in Engineering (3)
Eng 310	Materials Engineering (3)
Mch 200	Statics & Strength of Materials (3)
Mch 201	Engineering Dynamics (3)
Ma 202	Calculus II (4)

### BJU Core: 53 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3) <i>English or Writing Elective (3)</i>
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Bio 100	General Biology I (4)
Ma 200	Calculus I (4)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

3 credits and/or select a minor

## Vincenzo Antignani, PhD Program Coordinator

## SUGGESTED SCHEDULE (Biomechanics)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 101	General Biology II (4)
Bio 100	General Biology I (4)	Bio 104	Introduction to Biotechnology (3)
Eng 101	Introduction to Engineering (3)	Bio 210	Foundations of Biol Investigation (3)
Bi 205	OT Literature & Interpretation (3)	Ma 200	Calculus I (4)
<b>Total Credits: 16</b>		<b>Total Credits: 17</b>	

### Second Year

Phy 201	General Physics I (4)	Bio 330	Biostatistics (3)
Ma 202	Calculus II (4)	Phy 202	General Physics II (5)
Hi 101	The Making of the Modern World (3)	Bi 209	NT Literature & Interpretation (3)
FA 125	Christianity & the Arts (3)	Electives or Minor (3)	
Com 101	Fundamentals of Speech (3)	<b>Total Credits: 14</b>	
<b>Total Credits: 17</b>			

### Third Year

Bio 300	Evolution & Origins (3)	Bio 303	Human Anatomy & Physiology I (4)
Chm 103	General Chemistry I (4)	Chm 104	General Chemistry II (4)
Mch 200	Statics & Strength of Materials (3)	Mch 201	Engineering Dynamics (3)
Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
Ph 200	Themes in Western Thought (3)	<b>Total Credits: 14</b>	
<b>Total Credits: 17</b>			

### Fourth Year

Bio 409	Independent Study (1)	Bio 410	Independent Study (1)
Chm 206	Essential Organic Chemistry (4)	Bio 413	Biotechnology Research (2)
SSE 200	Foundations of Economics (3)	Eng 210	Computer Aided Design in Engineering (3)
Th 499	Apologetics & Worldview (3)	Eng 310	Materials Engineering (3)
English or Writing Elective (3)		Com 410	Oral Comm for the Professions (3)
<b>Total Credits: 14</b>		<b>Total Credits: 12</b>	

## BIOLOGY (BIOMECHANICS) PROGRAM LEARNING OUTCOMES

The student will . . .

- Articulate and develop a clear and original research question, and formulate a hypothesis concerning a problem in biomechanics.
- Identify and demonstrate appropriate research methodologies in the field of biomechanics, and know when to use them.

## Biology (Biomedical Research) Program Summary

Major .....	64
BJU Core .....	52
Electives .....	4
<b>Total (minimum) .....</b>	<b>120</b>

## DEGREE COURSES

### Major: 64 credits

Bio 101	General Biology II (4)
Bio 104	Introduction to Biotechnology (3)
Bio 203	Biological Diversity (4)
Bio 210	Foundations of Biological Investigation (3)
Bio 300	Evolution & Origins (3)
Bio 305	Essentials of Cell Biology (4)
Bio 330	Biostatistics (3)
Bio 405	Genetics (4)
Bio 409	Independent Study (1)
Bio 410	Independent Study (1)
Bio 414	Research in Biotechnology (3)
<i>Bacteriology or Immunology Elective<sup>1</sup> (3)</i>	
· Bio 322	General Microbiology (4)
· Bio 404	Immunology (3)
<i>Cell/Molecular or Devel Biology Elective<sup>2</sup> (4)</i>	
· Bio 302	Developmental Biology (4)
· Bio 406	Advanced Cell & Molecular Biology (4)
<i>Human Anatomy &amp; Physiology Elective<sup>3</sup> (4)</i>	
· Bio 303	Human Anatomy & Physiology I (4)
· Bio 320	Human Physiology & Anatomy I (4)
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Chm 206	Essential Organic Chemistry (4)
Chm 405	Biochemistry I (4)
Phy 101	Introductory Physics (4)

### BJU Core: 52 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Bio 100	General Biology I (4)
Ma 180	Applied Calculus (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

4 credits and/or select a minor

## Vincenzo Antignani, PhD Program Coordinator

## SUGGESTED SCHEDULE (Biomedical Research)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 101	General Biology II (4)
Bio 100	General Biology I (4)	Bio 104	Introduction to Biotechnology (3)
Bi 205	OT Literature & Interpretation (3)	Bio 210	Foundations of Biol Investigation (3)
<b>Total Credits: 13</b>		Ma 180	Applied Calculus (3)
		<b>Total Credits: 16</b>	

### Second Year

Bio 305	Essentials of Cell Biology (4)	Bio 203	Biological Diversity (4)
Chm 103	General Chemistry I (4)	Bio 330	Biostatistics (3)
Hi 101	The Making of the Modern World (3)	Chm 104	General Chemistry II (4)
FA 125	Christianity & the Arts (3)	Bi 209	NT Literature & Interpretation (3)
Com 101	Fundamentals of Speech (3)	<b>Total Credits: 14</b>	
<b>Total Credits: 17</b>			

### Third Year

Bio 300	Evolution & Origins (3)	Th 360	Bible Doctrines (3)
Bio 405	Genetics (4)	Ph 200	Themes in Western Thought (3)
Chm 206	Essential Organic Chemistry (4)	<i>Bacteriology or Immunology Elective<sup>1</sup> (3)</i>	
Th 350	Bible Doctrines (3)	<i>English or Writing Elective (3)</i>	
<i>Electives or Minor (1)</i>		<i>Electives or Minor (3)</i>	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Fourth Year

Bio 409	Independent Study (1)	Bio 410	Independent Study (1)
Bio 414	Research in Biotechnology (3)	Th 499	Apologetics & Worldview (3)
Chm 405	Biochemistry I (4)	Com 410	Oral Comm for the Professions (3)
Phy 101	Introductory Physics (4)	<i>Cell/Molecular or Devel Biology<sup>2</sup> (4)</i>	
SSE 200	Foundations of Economics (3)	<i>Anatomy &amp; Physiology Elective<sup>3</sup> (4)</i>	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

<sup>1</sup> Bio 322 General Microbiology or Bio 404 Immunology

<sup>2</sup> Bio 302 Developmental Biology or Bio 406 Advanced Cell & Molecular Biology

<sup>3</sup> Bio 303 Human Anatomy & Physiology I or Bio 320 Human Physiology & Anatomy I

## BIOLOGY (BIOMEDICAL RESEARCH) PROGRAM LEARNING OUTCOMES

The student will . . .

- Articulate and develop a clear and original research question, and formulate a hypothesis concerning a problem in the biomedical research field.
- Identify and demonstrate appropriate research methodologies in the biomedical research field, and know when to use them.

## Biology (Cell Biology) Program Summary

Major .....	46
BJU Core .....	52
Electives .....	22
<b>Total (minimum) .....</b>	<b>120</b>

## DEGREE COURSES

### Major: 46 credits

Bio 101	General Biology II (4)
Bio 203	Biological Diversity (4)
Bio 210	Foundations of Biological Investigation (3)
Bio 300	Evolution & Origins (3)
Bio 305	Essentials of Cell Biology (4)
Bio 330	Biostatistics (3)
Bio 405	Genetics (4)
Bio 409	Independent Study (1)
Bio 410	Independent Study (1)
<i>Cell Biology Electives<sup>1</sup> (7)</i>	
· Bio 302	Developmental Biology (4)
· Bio 309	Plant Physiology (4)
· Bio 320	Human Physiology & Anatomy I (4)
· Bio 322	General Microbiology (4)
· Bio 403	Histology (4)
· Bio 404	Immunology (3)
· Bio 406	Advanced Cell & Molecular Biology (4)
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Chm 206	Essential Organic Chemistry (4)

### BJU Core: 52 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Bio 100	General Biology I (4)
Ma 180	Applied Calculus (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

22 credits and/or select a minor

## Derrick M. Glasco, PhD Program Coordinator

## SUGGESTED SCHEDULE [Cell Biology]

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 101	General Biology II (4)
Bio 100	General Biology I (4)	Bio 210	Foundations of Biol Investigation (3)
FA 125	Christianity & the Arts (3)	Ma 180	Applied Calculus (3)
Com 101	Fundamentals of Speech (3)	Bi 205	OT Literature & Interpretation (3)
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

### Second Year

Bio 305	Essentials of Cell Biology (4)	Bio 203	Biological Diversity (4)
Chm 103	General Chemistry I (4)	Chm 104	General Chemistry II (4)
Hi 101	The Making of the Modern World (3)	Ph 200	Themes in Western Thought (3)
Bi 209	NT Literature & Interpretation (3)	<i>English or Writing Elective (3)</i>	
<b>Total Credits: 14</b>		<b>Total Credits: 14</b>	

### Third Year

Bio 300	Evolution & Origins (3)	Bio 330	Biostatistics (3)
Chm 206	Essential Organic Chemistry (4)	Th 360	Bible Doctrines (3)
Th 350	Bible Doctrines (3)	Com 410	Oral Comm for the Professions (3)
<i>Cell Biology Elective<sup>1</sup> (4)</i>		<i>Cell Biology Elective<sup>1</sup> (3)</i>	
<b>Total Credits: 14</b>		<b>Total Credits: 15</b>	

### Fourth Year

Bio 405	Genetics (4)	Th 499	Apologetics & Worldview (3)
Bio 409	Independent Study (1)	Bio 410	Independent Study (1)
SSE 200	Foundations of Economics (3)	<i>Electives or Minor (12)</i>	
<i>Electives or Minor (7)</i>		<b>Total Credits: 16</b>	
<b>Total Credits: 15</b>			

<sup>1</sup> Bio 302 Developmental Biology, Bio 309 Plant Physiology, Bio 320 Human Physiology & Anatomy I, Bio 322 General Microbiology, Bio 403 Histology, Bio 404 Immunology or Bio 406 Advanced Cell & Molecular Biology

· Recommended minor: Chemistry

## BIOLOGY (CELL BIOLOGY) PROGRAM LEARNING OUTCOMES

The student will . . .

- Analyze how cells function internally and in social contexts, including the development and maintenance of tissues and organ systems.
- Apply the central dogma of molecular biology as a limited explanatory model for information storage and regulation of gene expression, and evaluate the role of epigenetic inheritance.

## Biology (Environmental Technologies & Resources) Program Summary

Major .....	65
BJU Core .....	52
Electives .....	3
<b>Total (minimum).....</b>	<b>120</b>

## DEGREE COURSES

### Major: 65 credits

Bio 101	General Biology II (4)
Bio 104	Introduction to Biotechnology (3)
Bio 203	Biological Diversity (4)
Bio 210	Foundations of Biological Investigation (3)
Bio 300	Evolution & Origins (3)
Bio 305	Essentials of Cell Biology (4)
Bio 309	Plant Physiology (4)
Bio 330	Biostatistics (3)
Bio 401	Ecology (4)
Bio 405	Genetics (4)
Bio 409	Independent Study (1)
Bio 410	Independent Study (1)
Bio 411	Research in Biology I (4)
Bio 415	Molecular Eco-systems Biology (4)
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Chm 206	Essential Organic Chemistry (4)
Phy 101	Introductory Physics (4)
CE 301	Environmental Engineering (3)

### BJU Core: 52 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Bio 100	General Biology I (4)
Ma 180	Applied Calculus (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

3 credits and/or select a minor

## Vincenzo Antignani, PhD Program Coordinator

### SUGGESTED SCHEDULE (Environmental Technologies & Resources)

#### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 101	General Biology II (4)
Bio 100	General Biology I (4)	Bio 104	Introduction to Biotechnology (3)
Bi 205	OT Literature & Interpretation (3)	Bio 210	Foundations of Biol Investigation (3)
<b>Total Credits: 13</b>		Ma 180	Applied Calculus (3)
<b>Total Credits: 16</b>			

#### Second Year

Bio 305	Essentials of Cell Biology (4)	Bio 203	Biological Diversity (4)
Chm 103	General Chemistry I (4)	Bio 330	Biostatistics (3)
Hi 101	The Making of the Modern World (3)	Chm 104	General Chemistry II (4)
FA 125	Christianity & the Arts (3)	Bi 209	NT Literature & Interpretation (3)
Com 101	Fundamentals of Speech (3)	<i>Electives or Minor (3)</i>	
<b>Total Credits: 17</b>		<b>Total Credits: 17</b>	

#### Third Year

Bio 300	Evolution & Origins (3)	Bio 309	Plant Physiology (4)
Bio 405	Genetics (4)	Th 360	Bible Doctrines (3)
Chm 206	Essential Organic Chemistry (4)	Ph 200	Themes in Western Thought (3)
Th 350	Bible Doctrines (3)	<i>English or Writing Elective (3)</i>	
<b>Total Credits: 14</b>		<b>Total Credits: 13</b>	

#### Fourth Year

Bio 409	Independent Study (1)	Bio 410	Independent Study (1)
Bio 401	Ecology (4)	Bio 411	Research in Biology I (4)
Bio 415	Molecular Eco-systems Biology (4)	SSE 200	Foundations of Economics (3)
Phy 101	Introductory Physics (4)	Th 499	Apologetics & Worldview (3)
CE 301	Environmental Engineering (3)	Com 410	Oral Comm for the Professions (3)
<b>Total Credits: 16</b>		<b>Total Credits: 14</b>	

## BIOLOGY (ENVIRONMENTAL TECHNOLOGIES & RESOURCES) PROGRAM LEARNING OUTCOMES

The student will . . .

- Articulate and develop a clear and original research question, and formulate a hypothesis concerning a problem in the Environmental Technologies & Resources field.
- Identify and demonstrate appropriate research methodologies in the Environmental Technologies and Resources field, and know when to use them.

## Biology (Zoo & Wildlife Biology) Program Summary

Major .....	45
BJU Core .....	52
Electives .....	23
<b>Total (minimum).....</b>	<b>120</b>

## DEGREE COURSES

### Major: 45 credits

Bio 101	General Biology II (4)
Bio 208	Organismal Biology I (3)
Bio 209	Organismal Biology II (3)
Bio 210	Foundations of Biological Investigation (3)
Bio 300	Evolution & Origins (3)
Bio 305	Essentials of Cell Biology (4)
Bio 330	Biostatistics (3)
Bio 409	Independent Study (1)
Bio 410	Independent Student (1)
<i>Ecology or Animal Behavior Elective<sup>1</sup> (4)</i>	
· Bio 401	Ecology (4)
· Bio 407	Animal Behavior (4)
<i>Zoo &amp; Wildlife Biology Elective<sup>2</sup> (4)</i>	
· Bio 301	Invertebrate Zoology (4)
· Bio 306	Systematics (4)
· Bio 307	Vertebrate Zoology (4)
· Bio 309	Plant Physiology (4)
· Bio 322	General Microbiology (4)
· Bio 400	Parasitology (4)
· Bio 402	General Entomology (4)
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Chm 206	Essential Organic Chemistry (4)

### BJU Core: 52 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Bio 100	General Biology I (4)
Ma 180	Applied Calculus (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

23 credits and/or select a minor

## Derrick M. Glasco, PhD Program Coordinator

## SUGGESTED SCHEDULE (Zoo & Wildlife Biology)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 101	General Biology II (4)
Bio 100	General Biology I (4)	Bio 201	Foundations of Biol Investigation (3)
FA 125	Christianity & the Arts (3)	Ma 180	Applied Calculus (3)
Com 101	Fundamentals of Speech (3)	Bi 205	OT Literature & Interpretation (3)
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

### Second Year

Bio 208	Organismal Biology I (3)	Bio 209	Organismal Biology II (3)
Bio 305	Essentials of Cell Biology (4)	Bio 330	Biostatistics (3)
Chm 103	General Chemistry I (4)	Chm 104	General Chemistry II (4)
Bi 209	NT Literature & Interpretation (3)	English or Writing Elective (3)	
<b>Total Credits: 14</b>		Electives or Minor (3)	
		<b>Total Credits: 16</b>	

### Third Year

Bio 300	Evolution & Origins (3)	Th 360	Bible Doctrines (3)
Chm 206	Essential Organic Chemistry (4)	Ph 200	Themes in Western Thought (3)
Hi 101	The Making of the Modern World (3)	Ecology or Animal Behavior Elective <sup>1</sup> (4)	
Th 350	Bible Doctrines (3)	Electives or Minor (4)	
<b>Total Credits: 13</b>		<b>Total Credits: 14</b>	

### Fourth Year

Bio 409	Independent Study (1)	Bio 410	Independent Study (1)
SSE 200	Foundations of Economics (3)	Th 499	Apologetics & Worldview (3)
Com 410	Oral Comm for the Professions (3)	Electives or Minor (12)	
Zoo & Wildlife Biology Elective <sup>2</sup> (4)		<b>Total Credits: 16</b>	
Electives or Minor (4)			
<b>Total Credits: 15</b>			

<sup>1</sup> Bio 401 Ecology or Bio 407 Animal Behavior

<sup>2</sup> Bio 301 Invertebrate Zoology, Bio 306 Systematics, Bio 307 Vertebrate Zoology, Bio 309 Plant Physiology, Bio 322 General Microbiology, Bio 400 Parasitology or Bio 402 General Entomology

· Recommended minor: Chemistry

## BIOLOGY (ZOO & WILDLIFE BIOLOGY) PROGRAM LEARNING OUTCOMES

The student will . . .

- Make predictions about the behavior of selected animals in both natural and controlled environments.
- Evaluate theories concerning population, community, and ecosystem complexity.

# Department of Chemistry & Physics

**Brian S. Vogt, PhD**  
*Department Head*

The Department offers a major and minor in Chemistry, a major in Biochemistry and Molecular Biology, and a major and minor in Physics. Courses are offered in this department for majors requiring a chemistry or physics emphasis and for students to fulfill the general degree requirements in science. Courses are also available as general electives.



## Bachelor of Science, **Biochemistry & Molecular Biology**

**Verne L. Biddle, PhD**  
*Program Coordinator*

### Biochemistry & Molecular Biology Program Summary

Major .....	68
BJU Core .....	53
<b>Total (minimum).....</b>	<b>121</b>

Students in the biochemistry and molecular biology program are prepared for graduate studies or entry-level positions in biotechnology, pharmaceuticals, forensics, medical research, or related industries. This program requires 34 credits of chemistry, 30 credits of biology and 8 credits of physics. It aligns with the goals of the Division of Natural Science by requiring the student to solve authentic problems, explain concepts and principles, execute skills characteristic of the profession and articulate a biblical response to issues in the discipline.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Critically analyze scientific data and ideas.
- Account for the chemical and physical properties of proteins, nucleic acids, and other molecules in terms of chemical concepts and principles.
- Employ the scientific method in designing experiments in the laboratory to answer scientific questions.
- Solve scientific problems.
- Execute standard biochemical laboratory techniques.
- Compose reports that communicate conclusions drawn from the analysis of biochemical data.



## DEGREE COURSES

Major: 68 credits

Bio 101	General Biology II (4)
Bio 300	Evolution & Origins (3)
Bio 305	Essentials of Cell Biology (4)
Bio 330	Biostatistics (3)
Bio 322	General Microbiology (4)
Bio 405	Genetics (4)
Bio 406	Advanced Cell & Molecular Biology (4)
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Chm 203	Organic Chemistry I (4)
Chm 204	Organic Chemistry II (4)
Chm 207	Analytical Chemistry (4)
Chm 301	Introduction to Molecular Modeling (2)
Chm 403	Research in Chemistry I (2)
Chm 404	Research in Chemistry II (2)
Chm 405	Biochemistry I (4)
Chm 406	Biochemistry II (4)
Phy 101	Introductory Physics (4)
Phy 102	Intermediate Physics (4)

BJU Core: 53 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
English or Writing Elective	(3)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Bio 100	General Biology I (4)
Ma 200	Calculus I (4)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

## SUGGESTED SCHEDULE

First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 101	General Biology II (4)
Bio 100	General Biology I (4)	Ma 200	Calculus I (4)
Bi 205	OT Literature & Interpretation (3)	FA 125	Christianity & the Arts (3)
	<b>Total Credits: 13</b>	Com 101	Fundamentals of Speech (3)
			<b>Total Credits: 17</b>

Second Year

Bio 305	Essentials of Cell Biology (4)	Bio 322	General Microbiology (4)
Bio 330	Biostatistics (3)	Chm 104	General Chemistry II (4)
Chm 103	General Chemistry I (4)	Bi 209	NT Literature & Interpretation (3)
Hi 101	The Making of the Modern World (3)	Ph 200	Themes in Western Thought (3)
	English or Writing Elective (3)		<b>Total Credits: 14</b>
	<b>Total Credits: 17</b>		

Third Year

Bio 300	Evolution & Origins (3)	Chm 204	Organic Chemistry II (4)
Chm 203	Organic Chemistry I (4)	Chm 207	Analytical Chemistry (4)
Phy 101	Introductory Physics (4)	Phy 102	Intermediate Physics (4)
SSE 200	Foundations of Economics (3)	Th 360	Bible Doctrines (3)
Th 350	Bible Doctrines (3)		<b>Total Credits: 15</b>
	<b>Total Credits: 17</b>		

Fourth Year

Bio 405	Genetics (4)	Bio 406	Advanced Cell & Molecular Biology (4)
Chm 403	Research in Chemistry I (2)	Chm 301	Introduction to Molecular Modeling (2)
Chm 405	Biochemistry I (4)	Chm 404	Research in Chemistry II (2)
Th 499	Apologetics & Worldview (3)	Chm 406	Biochemistry II (4)
	<b>Total Credits: 13</b>	Com 410	Oral Comm for the Professions (3)
			<b>Total Credits: 15</b>

- Biochemistry & Molecular Biology candidacy will be determined by a faculty committee's evaluation of the student's performance in key courses near the midpoint of his or her program.

## CHEMISTRY MINOR

The Chemistry minor provides knowledge of chemistry necessary for medical and health-related fields. It also offers needed chemical knowledge for a variety of careers in the physical and food sciences, criminology, engineering, and other businesses and industries.

A minor in chemistry consists of 20 credits including Chm 103 General Chemistry I (4), Chm 104 General Chemistry II (4), and 12 credits from either an emphasis in biochemistry, including Chm 206 Essential Organic Chemistry (4), Chm 405 Biochemistry I (4), and either Chm 406 Biochemistry II (4) or Chm 418 Instrumental Analysis (4), or an emphasis in organic chemistry, including Chm 203 Organic Chemistry I (4), Chm 204 Organic Chemistry II (4), and either Chm 405 (4) or Chm 418 (4).

## Bachelor of Science, **Chemistry**

Robert E. Lee Sr., PhD  
Program Coordinator

### Chemistry Program Summary

Major .....	62
BJU Core .....	52
Electives .....	6
<b>Total (minimum).....</b>	<b>120</b>



Students majoring in chemistry take chemistry, mathematics and physics courses to prepare them for further training in graduate programs and entry-level positions in the chemical, pharmaceutical and biotechnology industries. This program requires a 66-credit combination of chemistry (46 credits), mathematics (8 credits), physics (9 credits) and biology (3 credits). It supports the mission of the Division of Natural Science to teach students to explain the concepts and principles of chemistry, execute the skills characteristic of chemists, solve authentic chemical problems, and articulate a biblical response to issues in chemistry.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Account for the chemical and physical properties of substances in terms of chemical concepts and principles, and where appropriate to do so from the perspective of a biblical worldview.
- Solve problems by use of both mathematical and general scientific problem-solving skills in a variety of lecture and laboratory contexts.
- Execute standard chemistry laboratory techniques.
- Analyze data to identify trends and evaluate accuracy, precision and statistical validity.
- Compose reports that communicate conclusions drawn from data analysis.
- Design and implement scientific experiments.

## DEGREE COURSES

### Major: 62 credits

Bio 103	Fundamentals of Biology (3)
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Chm 203	Organic Chemistry I (4)
Chm 204	Organic Chemistry II (4)
Chm 207	Analytical Chemistry (4)
Chm 301	Introduction to Molecular Modeling (2)
Chm 303	Physical Chemistry I (4)
Chm 304	Physical Chemistry II (4)
Chm 403	Research in Chemistry I (2)
Chm 404	Research in Chemistry II (2)
Chm 405	Biochemistry I (4)
Chm 409	Inorganic Chemistry (4)
Chm 418	Instrumental Analysis (4)
Phy 201	General Physics I (4)
Phy 202	General Physics II (5)
Ma 202	Calculus II (4)

### BJU Core: 52 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
English or Writing Elective (3)	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
Ma 200	Calculus I (4)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

6 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Chm 104	General Chemistry II (4)
Chm 103	General Chemistry I (4)	Ma 200	Calculus I (4)
Bi 205	OT Literature & Interpretation (3)	Com 101	Fundamentals of Speech (3)
FA 125	Christianity & the Arts (3)		<b>Total Credits: 14</b>

### Second Year

Chm 203	Organic Chemistry I (4)	Chm 204	Organic Chemistry II (4)
Phy 201	General Physics I (4)	Phy 202	General Physics II (5)
Ma 202	Calculus II (4)	Bi 209	NT Literature & Interpretation (3)
	English or Writing Elective (3)		Electives or Minor (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Third Year

Bio 103	Fundamentals of Biology (3)	Chm 207	Analytical Chemistry (4)
Chm 303	Physical Chemistry I (4)	Chm 301	Introduction to Molecular Modeling (2)
SSE 200	Foundations of Economics (3)	Chm 304	Physical Chemistry II (4)
Hi 101	The Making of the Modern World (3)	Th 360	Bible Doctrines (3)
Th 350	Bible Doctrines (3)	Ph 200	Themes in Western Thought (3)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

### Fourth Year

Chm 403	Research in Chemistry I (2)	Sc 200	Essential Science (3)
Chm 405	Biochemistry I (4)	Chm 404	Research in Chemistry II (2)
Chm 409	Inorganic Chemistry (4)	Chm 418	Instrumental Analysis (4)
Th 499	Apologetics & Worldview (3)	Com 410	Oral Comm for the Professions (3)
	<b>Total Credits: 13</b>		Electives or Minor (3)
			<b>Total Credits: 15</b>

- One year of biochemistry is strongly recommended.
- Chemistry candidacy will be determined by a faculty committee's evaluation of the student's performance in key courses near the midpoint of his or her program.

## PHYSICS MINOR

The Physics minor provides a sampling of the major elements of physics. It promotes a general understanding of basic phenomena in classical and modern physics that represent the foundation of contemporary physics.

A minor in Physics consists of Phy 201 General Physics I (4), Phy 202 General Physics II (5), Phy 408 Modern Physics (3), Phy 409 Introduction to Quantum Mechanics I (3), and three credits of electives with a Phy prefix above the 100 level. Recommended electives: Phy 308 Electricity & Magnetism I (3), Phy 356 Mechanics I (3), Phy 403 Optics (3), and Phy 410 Introduction to Quantum Mechanics II (3).

## Bachelor of Science, **Physics**

Robert L. Hill, EdD  
Program Coordinator

### Physics Program Summary

Major .....	62
BJU Core .....	52
Electives .....	6
<b>Total (minimum).....</b>	<b>120</b>



Students in this major will be prepared for graduate school by taking 37 credits of physics, 19 credits of math, and 10 credits of other science. After graduate school students can pursue careers in physics or astronomy related fields including atmospheric physics, astrophysics, geophysics, cosmology, medical physics or condensed matter. A department goal is the training of astronomers and physicists for contribution to the development of a consistent, biblically based creation model. This program aligns with the mission of the College and Arts and Science in that it helps the student to understand and respond constructively to problems in the larger world.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Apply core physics principles to problem solving.
- Conduct experiments and analyze and interpret results with respect to physical principles.
- Apply mathematical knowledge to solutions of problems.
- Compose reports that communicate results drawn from data analysis.
- Conduct an oral presentation on a scientific topic.
- Analyze scientific results in terms of a biblical worldview.

## DEGREE COURSES

Major: 62 credits

Ast 151	Stellar & Galactic Astronomy (3)
Chm 103	General Chemistry I (4)
Phy 201	General Physics I (4)
Phy 202	General Physics II (5)
Phy 303	Experimental Physics (2)
Phy 308	Electricity & Magnetism (3)
Phy 356	Mechanics I (3)
Phy 357	Mechanics II (3)
Phy 402	Thermodynamics/Statistical Mechanics (3)
Phy 403	Optics (3)
Phy 408	Modern Physics (3)
Phy 409	Introduction to Quantum Mechanics I (3)
Phy 410	Introduction to Quantum Mechanics II (3)
Phy 490	Research in Physics I (1)
Phy 497	Research in Physics II (1)
Ele 205	Basic Circuit Analysis I (3)
Ma 202	Calculus II (4)
Ma 299	Mathematics Proofs (1)
Ma 300	Elementary Linear Algebra (3)
Ma 301	Calculus III (4)
Ma 406	Differential Equations (3)

BJU Core: 52 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
English or	Writing Elective (3)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
Ma 200	Calculus I (4)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

Electives:

6 credits and/or select a minor

## SUGGESTED SCHEDULE

First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Phy 202	General Physics II (5)
Phy 201	General Physics I (4)	Ma 202	Calculus II (4)
Ma 200	Calculus I (4)	Com 101	Fundamentals of Speech (3)
Bi 205	OT Literature & Interpretation (3)		<b>Total Credits: 15</b>
	<b>Total Credits: 17</b>		

Second Year

Chm 103	General Chemistry I (4)	Ast 151	Stellar & Galactic Astronomy (3)
Ele 205	Basic Circuit Analysis I (3)	Ma 299	Mathematical Proofs (1)
Ma 300	Elementary Linear Algebra (3)	Ma 301	Calculus III (4)
Hi 101	The Making of the Modern World (3)	Bi 209	NT Literature & Interpretation (3)
FA 125	Christianity & the Arts (3)	Ph 200	Themes in Western Thought (3)
	<b>Total Credits: 16</b>		<b>Total Credits: 14</b>

Third Year

Phy 356	Mechanics I (3)	Sc 200	Essential Science (3)
Phy 402	Thermodynamics/Statistical Mechanics (3)	Phy 303	Experimental Physics (2)
Phy 408	Modern Physics (3)	Phy 357	Mechanics II (3)
Th 350	Bible Doctrines (3)	Ma 406	Differential Equations (3)
	English or Writing Elective (3)	Th 360	Bible Doctrines (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 14</b>

Fourth Year

Phy 308	Electricity & Magnetism (3)	Phy 403	Optics (3)
Phy 409	Intro to Quantum Mechanics I (3)	Phy 410	Intro to Quantum Mechanics II (3)
Phy 490	Research in Physics I (1)	Phy 497	Research in Physics II (1)
Th 499	Apologetics & Worldview (3)	SSE 200	Foundations of Economics (3)
Com 410	Oral Comm for the Professions (3)		Electives or Minor (6)
	<b>Total Credits: 13</b>		<b>Total Credits: 16</b>

- This major provides a foundation for students desiring advanced work in physics or astronomy.
- Recommended minors: Chemistry, Mathematics
- Physics candidacy will be determined by a faculty committee's evaluation of the student's performance in key courses near the midpoint of his or her program.

# Department of Engineering

William P. Lovegrove, PhD  
*Department Head*

The Department offers a major in Engineering. Courses are offered in this department for students to fulfill the general degree requirements in science. Courses are also available as general electives.



## Bachelor of Science, **Engineering**



Engineering  
Accreditation  
Commission

The Department offers a major in Engineering. Students choose a concentration in civil, computer, electrical or mechanical engineering. The program supports the mission of the College of Arts and Science by uniquely enabling students to respond constructively to problems in the larger world. The engineering program is accredited by the Engineering Accreditation Commission of ABET ([www.abet.org](http://www.abet.org)). The program requires 48 credits of engineering and 33 credits of math and science. The program also requires individual and multidisciplinary team design projects. The program is designed to equip students for entry-level jobs in engineering or for further study in an engineering specialty.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Apply a core of knowledge necessary to engineering practice.
- Design and perform experiments and properly use the results.
- Exercise the techniques, skills, and modern engineering tools necessary for engineering practice.
- Exercise the skills necessary to perform engineering design.
- Exercise the skills necessary to function in the engineering workplace.
- Exhibit the personal traits and attitudes that enable a person to pursue a life of Christlike character.

## Engineering (Civil) Program Summary

Major .....	78
BJU Core .....	51
<b>Total (minimum).....</b>	<b>129</b>

### DEGREE COURSES

#### Major: 78 credits

Sc 201	Science: Impact on Society (3)
Chm 107	Chemistry for Engineers (3)
CE 301	Environmental Engineering (3)
CE 302	Structural Analysis (3)
CE 403	Hydraulic Engineering (3)
CE 404	Geotechnical Engineering (3)
CE 406	Structural Design (3)
Ele 205	Basic Circuit Analysis I (3)
Ele 206	Basic Circuit Analysis II (3)
Eng 101	Introduction to Engineering (3)
Eng 210	Computer Aided Design in Engineering (3)
Eng 310	Materials Engineering (3)
Eng 405	Design Problems (3)
Eng 408	Linear Control Systems (3)
Mch 200	Statics & Strength of Materials (3)
Mch 201	Engineering Dynamics (3)
Phy 201	General Physics I (4)
Phy 202	General Physics II (5)
Ma 200	Calculus I (4)
Ma 202	Calculus II (4)
Ma 301	Calculus III (4)
Ma 406	Differential Equations (3)
<i>Mathematics Elective (300/400-level) (3)</i>	
· Ma 300	Elementary Linear Algebra (3)
· Ma 303	Discrete Math (3)
· Ma 404	Probability & Statistics I (3)
· Ma 420	Computational Mathematics (3)
CpS 110	Object-Oriented Programming I (3)

#### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
Ele 110	Digital Electronics (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

## Wencong Lai, PhD Program Coordinator

### SUGGESTED SCHEDULE (Civil)

#### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Chm 107	Chemistry for Engineers (3)
Eng 101	Introduction to Engineering (3)	Ele 110	Digital Electronics (3)
Ma 200	Calculus I (4)	Ma 202	Calculus II (4)
Com 101	Fundamentals of Speech (3)	Bi 205	OT Literature & Interpretation (3)
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

#### Second Year

Phy 201	General Physics I (4)	Phy 202	General Physics II (5)
Ele 205	Basic Circuit Analysis I (3)	Ele 206	Basic Circuit Analysis II (3)
Ma 301	Calculus III (4)	CpS 110	Object-Oriented Programming I (3)
Hi 101	The Making of the Modern World (3)	Bi 209	NT Literature & Interpretation (3)
FA 125	Christianity & the Arts (3)	<b>Total Credits: 14</b>	
<b>Total Credits: 17</b>			

#### Third Year

Sc 200	Essential Science (3)	CE 302	Structural Analysis (3)
CE 301	Environmental Engineering (3)	Eng 310	Materials Engineering (3)
Eng 210	Computer Aided Design in Engineering (3)	Mch 201	Engineering Dynamics (3)
Mch 200	Statics & Strength of Materials (3)	Ma 406	Differential Equations (3)
Th 350	Bible Doctrines (3)	SSE 200	Foundations of Economics (3)
	English or Writing Elective (3)	Th 360	Bible Doctrines (3)
<b>Total Credits: 18</b>		<b>Total Credits: 18</b>	

#### Fourth Year

Sc 201	Science: Impact on Society (3)	CE 404	Geotechnical Engineering (3)
CE 403	Hydraulic Engineering (3)	CE 406	Structural Design (3)
Eng 405	Design Problems (3)	Eng 408	Linear Control Systems (3)
Th 499	Apologetics & Worldview (3)	Ph 200	Themes in Western Thought (3)
	Mathematics Elective (300/400-level) (3)	Com 410	Oral Comm for the Professions (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

· Engineering candidacy will be determined by a faculty committee's evaluation of the student's coursework and performance near the midpoint of his or her program.

### ENGINEERING (CIVIL) PROGRAM LEARNING OUTCOMES

The student will . . .

- Analyze and design concrete, steel, and wood structures under realistic constraints.
- Design solutions to utilize natural resources effectively and minimize the impact of pollution.



## Engineering (Computer) Program Summary

Major .....	78
BJU Core .....	51
<b>Total (minimum).....</b>	<b>129</b>

## DEGREE COURSES

Major: 78 credits

Sc 201	Science: Impact on Society (3)
Chm 107	Chemistry for Engineers (3)
Ele 205	Basic Circuit Analysis I (3)
Ele 206	Basic Circuit Analysis II (3)
Ele 404	Microprocessor Interfacing (3)
Eng 101	Introduction to Engineering (3)
Eng 308	Electromagnetics I (3)
Eng 310	Materials Engineering (3)
Eng 405	Design Problems (3)
Eng 406	Mechatronics (3)
Eng 408	Linear Control Systems (3)
Mch 200	Statics & Strength of Materials (3)
CpS 110	Object-Oriented Programming I (3)
CpS 209	Object-Oriented Programming II (3)
CpS 210	Data Structures (3)
CpS 230	Computer Systems (3)
CpS 250	Unix Programming (3)
Phy 201	General Physics I (4)
Phy 202	General Physics II (5)
Ma 200	Calculus I (4)
Ma 202	Calculus II (4)
Ma 301	Calculus III (4)
Ma 406	Differential Equations (3)
<i>Mathematics Elective (300/400-level) (3)</i>	
· Ma 300 Elementary Linear Algebra (3)	
· Ma 303 Discrete Math (3)	
· Ma 404 Probability & Statistics I (3)	
· Ma 420 Computational Mathematics (3)	

BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3) <i>English or Writing Elective (3)</i>
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
Ele 110	Digital Electronics (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

## William P. Lovegrove, PhD Program Coordinator

### SUGGESTED SCHEDULE (Computer)

#### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Chm 107	Chemistry for Engineers (3)
Eng 101	Introduction to Engineering (3)	Ele 110	Digital Electronics (3)
Ma 200	Calculus I (4)	Ma 202	Calculus II (4)
Com 101	Fundamentals of Speech (3)	Bi 205	OT Literature & Interpretation (3)
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

#### Second Year

Phy 201	General Physics I (4)	Phy 202	General Physics II (5)
Ele 205	Basic Circuit Analysis I (3)	Ele 206	Basic Circuit Analysis II (3)
Ma 301	Calculus III (4)	CpS 209	Object-Oriented Programming II (3)
CpS 110	Object-Oriented Programming I (3)	Bi 209	NT Literature & Interpretation (3) English or Writing Elective (3)
FA 125	Christianity & the Arts (3)	<b>Total Credits: 17</b>	
<b>Total Credits: 17</b>			

#### Third Year

Sc 200	Essential Science (3)	Ele 404	Microprocessor Interfacing (3)
Mch 200	Statics & Strength of Materials (3)	Eng 310	Materials Engineering (3)
CpS 230	Computer Systems (3)	Ma 406	Differential Equations (3)
Hi 101	The Making of the Modern World (3)	CpS 210	Data Structures (3)
Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
Ph 200	Themes in Western Thought (3)	<b>Total Credits: 15</b>	
<b>Total Credits: 18</b>			

#### Fourth Year

Sc 201	Science: Impact on Society (3)	Eng 405	Design Problems (3)
Eng 308	Electromagnetics I (3)	Eng 408	Linear Control Systems (3)
Eng 406	Mechatronics (3) Foundations of Economics (3)	CpS 250	Unix Programming (3) SSE 200
Th 499	Apologetics & Worldview (3)	Com 410	Oral Comm for the Professions (3) Mathematics Elective (300/400-level) (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

· Engineering candidacy will be determined by a faculty committee's evaluation of the student's coursework and performance near the midpoint of his or her program.

## Engineering (Computer) Program Learning Outcomes

The student will . . .

- Write object-oriented software solutions to real-world problems.
- Design interfaces between microprocessors and common I/O devices.

## Engineering (Electrical) Program Summary

Major .....	78
BJU Core .....	51
<b>Total (minimum).....</b>	<b>129</b>

## DEGREE COURSES

### Major: 78 credits

Sc 201	Science: Impact on Society (3)
Chm 107	Chemistry for Engineers (3)
Ele 205	Basic Circuit Analysis I (3)
Ele 206	Basic Circuit Analysis II (3)
Ele 301	Electronic Devices & Circuits (3)
Ele 303	Electrical Power & Machines (3)
Ele 404	Microprocessor Interfacing (3)
Ele 407	Signals & Communication Systems (3)
Eng 101	Introduction to Engineering (3)
Eng 308	Electromagnetics I (3)
Eng 309	Electromagnetics II (3)
Eng 310	Materials Engineering (3)
Eng 405	Design Problems (3)
Eng 406	Mechatronics (3)
Eng 408	Linear Control Systems (3)
Mch 200	Statics & Strength of Materials (3)
Phy 201	General Physics I (4)
Phy 202	General Physics II (5)
Ma 200	Calculus I (4)
Ma 202	Calculus II (4)
Ma 301	Calculus III (4)
Ma 406	Differential Equations (3)
<i>Mathematics Elective (300/400-level) (3)</i>	
· Ma 300 Elementary Linear Algebra (3)	
· Ma 303 Discrete Math (3)	
· Ma 404 Probability & Statistics I (3)	
· Ma 420 Computational Mathematics (3)	
CpS 110	Object-Oriented Programming I (3)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
Ele 110	Digital Electronics (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

## Patrick D. McGary, PhD Program Coordinator

## SUGGESTED SCHEDULE (Electrical)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Chm 107	Chemistry for Engineers (3)
Eng 101	Introduction to Engineering (3)	Ele 110	Digital Electronics (3)
Ma 200	Calculus I (4)	Ma 202	Calculus II (4)
Com 101	Fundamentals of Speech (3)	Bi 205	OT Literature & Interpretation (3)
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

### Second Year

Phy 201	General Physics I (4)	Phy 202	General Physics II (5)
Ele 205	Basic Circuit Analysis I (3)	Ele 206	Basic Circuit Analysis II (3)
Ma 301	Calculus III (4)	CpS 110	Object-Oriented Programming I (3)
Hi 101	The Making of the Modern World (3)	Bi 209	NT Literature & Interpretation (3)
FA 125	Christianity & the Arts (3)	<b>Total Credits: 14</b>	
<b>Total Credits: 17</b>			

### Third Year

Sc 200	Essential Science (3)	Sc 201	Science: Impact on Society (3)
Ele 301	Electronic Devices & Circuits (3)	Ele 303	Electrical Power & Machines (3)
Mch 200	Statics & Strength of Materials (3)	Eng 310	Materials Engineering (3)
Th 350	Bible Doctrines (3)	Ma 406	Differential Equations (3)
Ph 200	Themes in Western Thought (3)	SSE 200	Foundations of Economics (3)
English or Writing Elective (3)		Th 360	Bible Doctrines (3)
<b>Total Credits: 18</b>		<b>Total Credits: 18</b>	

### Fourth Year

Ele 407	Signals & Communication Systems (3)	Ele 404	Microprocessor Interfacing (3)
Eng 308	Electromagnetics I (3)	Eng 309	Electromagnetics II (3)
Eng 406	Mechatronics (3)	Eng 405	Design Problems (3)
Th 499	Apologetics & Worldview (3)	Eng 408	Linear Control Systems (3)
Mathematics Elective (300/400-level) (3)		Com 410	Oral Comm for the Professions (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

· Engineering candidacy will be determined by a faculty committee's evaluation of the student's coursework and performance near the midpoint of his or her program.

## ENGINEERING (ELECTRICAL) PROGRAM LEARNING OUTCOMES

The student will . . .

- Design and build board-level electronic circuits.
- Analyze and design electrical systems involving machines and transformers.

## Engineering (Mechanical) Program Summary

Major .....	78
BJU Core .....	51
<b>Total (minimum).....</b>	<b>129</b>

## DEGREE COURSES

### Major: 78 credits

Sc 201	Science: Impact on Society (3)
Chm 107	Chemistry for Engineers (3)
Ele 205	Basic Circuit Analysis I (3)
Ele 206	Basic Circuit Analysis II (3)
Eng 101	Introduction to Engineering (3)
Eng 210	Computer Aided Design in Engineering (3)
Eng 310	Materials Engineering (3)
Eng 405	Design Problems (3)
Eng 408	Linear Control Systems (3)
Mch 200	Statics & Strength of Materials (3)
Mch 201	Engineering Dynamics (3)
Mch 303	Engineering Thermodynamics (3)
Mch 304	Thermal-Fluid Sciences (3)
Mch 402	Machine Design (3)
<i>Electromagnetics/Hydraulic Elective<sup>1</sup> (3)</i>	
· Eng 308	Electromagnetics I (3)
· CE 403	Hydraulic Engineering (3)
<i>Mechatronics/Structural Elective<sup>2</sup> (3)</i>	
· Eng 406	Mechatronics (3)
· CD 406	Structural Design (3)
Phy 201	General Physics I (4)
Phy 202	General Physics II (5)
Ma 200	Calculus I (4)
Ma 202	Calculus II (4)
Ma 301	Calculus III (4)
Ma 406	Differential Equations (3)
<i>Mathematics Elective (300/400-level) (3)</i>	
· Ma 300	Elementary Linear Algebra (3)
· Ma 303	Discrete Math (3)
· Ma 404	Probability & Statistics I (3)
· Ma 420	Computational Mathematics (3)
CpS 110	Object-Oriented Programming I (3)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
Ele 110	Digital Electronics (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

## Jeremiah F. Deang, PhD Program Coordinator

## SUGGESTED SCHEDULE [Mechanical]

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Chm 107	Chemistry for Engineers (3)
Eng 101	Introduction to Engineering (3)	Ele 110	Digital Electronics (3)
Ma 200	Calculus I (4)	Ma 202	Calculus II (4)
Com 101	Fundamentals of Speech (3)	Bi 205	OT Literature & Interpretation (3)
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

### Second Year

Phy 201	General Physics I (4)	Phy 202	General Physics II (5)
Ele 205	Basic Circuit Analysis I (3)	Ele 206	Basic Circuit Analysis II (3)
Ma 301	Calculus III (4)	CpS 110	Object-Oriented Programming I (3)
Hi 101	The Making of the Modern World (3)	Bi 209	NT Literature & Interpretation (3)
FA 125	Christianity & the Arts (3)	<b>Total Credits: 14</b>	
<b>Total Credits: 17</b>			

### Third Year

Sc 200	Essential Science (3)	Eng 310	Materials Engineering (3)
Eng 210	Computer Aided Design in Engineering (3)	Mch 201	Engineering Dynamics (3)
Mch 200	Statics & Strength of Materials (3)	Mch 304	Thermal-Fluid Sciences (3)
Mch 303	Engineering Thermodynamics (3)	Ma 406	Differential Equations (3)
Th 350	Bible Doctrines (3)	SSE 200	Foundations of Economics (3)
	English or Writing Elective (3)	Th 360	Bible Doctrines (3)
<b>Total Credits: 18</b>		<b>Total Credits: 18</b>	

### Fourth Year

Sc 201	Science: Impact on Society (3)	Mch 402	Machine Design (3)
Th 499	Apologetics & Worldview (3)	Eng 405	Design Problems (3)
	Electromagnetics/Hydraulic Elective <sup>1</sup> (3)	Eng 408	Linear Control Systems (3)
	Mathematics Elective (300/400-level) (3)	Ph 200	Themes in West. Thought (3)
	Mechatronics/Structural Elective <sup>2</sup> (3)	Com 410	Oral Comm for the Professions (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

<sup>1</sup> Eng 308 Electromagnetics I or CE 403 Hydraulic Engineering

<sup>2</sup> Eng 406 Mechatronics or CE 406 Structural Design

· Engineering candidacy will be determined by a faculty committee's evaluation of the student's coursework and performance near the midpoint of his or her program.

## Engineering (Mechanical) Program Learning Outcomes

The student will . . .

- Apply engineering mechanics, materials and manufacturing to the design of mechanical systems.
- Apply thermodynamics to solve problems of phase changes and heat transfer.

# DIVISION OF MATHEMATICAL SCIENCES



Melissa K. Gardenghi, PhD  
Chair

The Division of Mathematical Sciences of the College of Arts and Science includes the Departments of Mathematics and Computer Science.

## PURPOSE

In an effort to encourage the growth of Christlike character and increase the student's potential for service to God and others through technical training, the Division of Mathematical Sciences teaches students to describe and think critically about the world in which they live. In support of the College of Arts and Science goals to be able to analyze and evaluate ideas, solve problems and address technical issues biblically, it provides programs in Actuarial Science, Mathematics, Computer Science and Information Technology to students seeking to further their ability to solve relevant and sophisticated problems in a variety of fields using the theory and application of mathematics and computing.

## GOALS

The student will ...

- Understand the essential theory of mathematics/computer science and appropriately apply the theory in solving problems.
- Use critical-thinking/analytical skills to understand mathematical/computing problems and design solutions with the aid of appropriate tools.
- Apply an understanding of how mathematics/computing can be used in service to Christ as tools to the examination of the world He created.
- Construct a foundation upon which they, after graduation, can continue the development of their God-given abilities and the learning necessary for work and life.

# Department of Mathematics

David D. Brown, PhD  
*Department Head*

The Department offers majors in Actuarial Science and Mathematics. The Actuarial Science major is directed to students going into a risk analysis field. The Mathematics major is directed to students going to graduate school or going into operations research. A minor in Mathematics is available.



## Bachelor of Science, **Actuarial Science**

Melissa K. Gardenghi, PhD  
*Program Coordinator*

### Actuarial Science Program Summary

Major .....	48
BJU Core .....	51
Electives .....	21
<b>Total (minimum)</b> .....	<b>120</b>

The Actuarial Science major prepares a student with interest in the applications of mathematics to an increasingly broad class of business related problems through a thorough understanding of mathematics. A special emphasis is placed on fields pertinent to risk analysis (or actuarial science). Supporting the Division of Mathematical Sciences goals, the program is sufficiently broad to allow students to continue with graduate studies in mathematics or actuarial science; however, students will also be prepared to seek jobs in industry or government upon graduation. This program requires 48 credits in the major and provides significant exposure to both theoretical and applied statistics as well as a broader exposure to foundational business principles.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Progress logically from premises to valid conclusions in a variety of mathematical and applied contexts including analysis, statistics (both theoretical and applied), probability and finance.
- Apply mathematics to actuarial problems (such as financial math and probability modeling) in exercising the biblical mandate to have dominion over the earth.
- Use technology as a tool for understanding as well as a labor-saving or problem-solving tool.
- Build the communication skills necessary to effectively communicate technical information to a quasi-technical audience and provide the information necessary for data-based decisions.
- Construct a biblically consistent philosophy of topics encountered in actuarial science.

## DEGREE COURSES

### Major: 48 credits

Ma 199	Introduction to Mathematical Studies (0)
Ma 200	Calculus I (4)
Ma 202	Calculus II (4)
Ma 300	Elementary Linear Algebra (3)
Ma 301	Calculus III (4)
Ma 308	Theory of Interest (3)
Ma 388	Applications of Finance (1)
Ma 404	Probability & Statistics I (3)
Ma 405	Probability & Statistics II (3)
Ma 415	Regression & Time Series (3)
Ma 418	Actuarial Mathematics I (3)
Ma 419	Actuarial Mathematics II (3)
Ma 488	Applications of Probability (1)
Ma 498	Applications of Actuarial Mathematics (1)
<i>Mathematics Elective (300/400-level) (3)</i>	
SSE 210	Economics for the Professional (3)
Ac 203	Principles of Accounting I (3)
Ac 204	Principles of Accounting II (3)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
<i>Computer Programming Elective<sup>2</sup> (3)</i>	
· CpS 110 Object-Oriented Programming I (3)	
· CpS 209 Object-Oriented Programming II (3)	
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

21 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Ma 202	Calculus II (4)
Ma 199	Introduction to Mathematical Studies (0)	Com 101	Fundamentals of Speech (3)
Ma 200	Calculus I (4)	Ac 204	Principles of Accounting II (3)
Bi 205	OT Literature & Interpretation (3)	Computer Programming Elective <sup>1</sup> (3)	
Ac 203	Principles of Accounting I (3)	<b>Total Credits: 16</b>	

### Second Year

Ma 301	Calculus III (4)	Ma 388	Applications of Finance (1)
Ma 308	Theory of Interest (3)	SSE 210	Economics for the Professional (3)
SSE 200	Foundations of Economics (3)	Ph 200	Themes in Western Thought (3)
Hi 101	The Making of the Modern World (3)	Bi 209	NT Literature & Interpretation (3)
FA 125	Christianity & to the Arts (3)	English or Writing Elective (3)	
<b>Total Credits: 16</b>		Electives or Minor (3)	
<b>Total Credits: 16</b>			

### Third Year

Ma 404	Probability & Statistics I (3)	Ma 405	Probability & Statistics II (3)
Ma 418	Actuarial Mathematics I (3)	Ma 419	Actuarial Mathematics II (3)
Th 350	Bible Doctrines (3)	Ma 488	Applications of Probability (1)
Com 410	Oral Comm for the Professions (3)	Th 360	Bible Doctrines (3)
<b>Total Credits: 12</b>		Electives or Minor (4)	
<b>Total Credits: 14</b>			

### Fourth Year

Ma 300	Elementary Linear Algebra (3)	Sc 200	Essential Science (3)
Th 499	Apologetics & Worldview (3)	Ma 415	Regression & Time Series (3)
Mathematics Elective (300/400-level) (3)		Ma 498	Applications of Actuarial Math (1)
Electives or Minor (6)		Electives or Minor (8)	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

<sup>1</sup> CpS 110 Object-Oriented Programming I or CpS 209 Object-Oriented Programming II  
 · Recommended minors: Business, Computer Science

## MATHEMATICS MINOR

The Mathematics minor provides a general understanding of computational skills and concepts beyond the elementary and intermediate levels. It supports studies in various areas of science and promotes subject area knowledge for the teaching of mathematics on all pre-college levels.

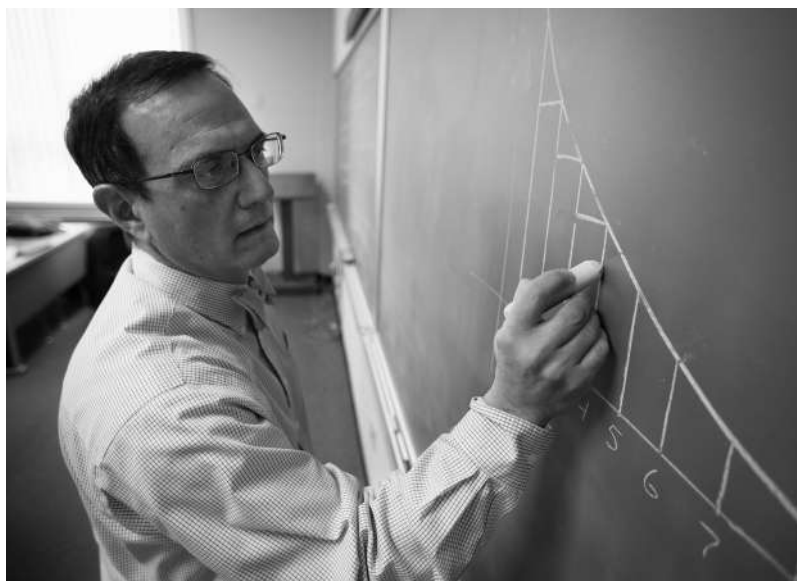
A minor in Mathematics consists of Ma 200 Calculus I (4), Ma 202 Calculus II (4), and 10 credits of electives with an Ma prefix at the 300–400 level. Recommended electives: Ma 300 Elementary Linear Algebra (3), Ma 301 Calculus III (4), Ma 406 Differential Equations (3), and Ma 407 Modern Geometry (3).

## Bachelor of Science, **Mathematics**

David D. Brown, PhD  
Program Coordinator

### Mathematics Program Summary

Major .....	47
BJU Core .....	51
Electives .....	22
<b>Total (minimum).....</b>	<b>120</b>



In conjunction with the mission of the Division of Mathematical Sciences, the Bachelor of Science degree in Mathematics provides students with a thorough understanding of mathematical concepts, both theory and application, for a career in industry/business or to pursue graduate studies. The program includes 38 credits of mathematics as well as coursework in computer science, physics, engineering or electronics.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Progress logically from premises to valid conclusions in a variety of mathematical contexts.
- Apply mathematics to model real-life situations.
- Select and use technology for understanding, as well as a labor-saving or problem-solving tool.
- Construct a biblically consistent philosophy of mathematics.



## DEGREE COURSES

Major: 47 credits

Ma 199	Introduction to Mathematical Studies (0)
Ma 200	Calculus I (4)
Ma 202	Calculus II (4)
Ma 300	Elementary Linear Algebra (3)
Ma 301	Calculus III (4)
Ma 402	Abstract Algebra (3)
Ma 403	Intermediate Analysis (3)
Ma 404	Probability & Statistics I (3)
Ma 406	Differential Equations (3)
Ma 480	Capstone Experience Mathematics I (1)
Ma 481	Capstone Experience Mathematics II (1)
<i>Mathematics Electives (300/400-level) (9)</i>	
<i>STEM Electives<sup>2</sup> (9)</i>	
· CpS 209	Object-Oriented Programming II (3)
· CpS 210	Data Structures (3)
· CpS 406	Computational Mathematics (3)
· Ele 205	Basic Circuit Analysis I (3)
· Ele 206	Basic Circuit Analysis II (3)
· Ele 407	Signals & Communication Systems (3)
· Mch 200	Statics & Strength of Materials (3)
· Mch 201	Engineering Dynamics (3)
· Phy 201	General Physics I (4)
· Phy 202	General Physics II (5)

BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
CpS 110	Object-Oriented Programming I (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

Electives:

22 credits and/or select a minor

## SUGGESTED SCHEDULE

First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Ma 202	Calculus II (4)
Ma 199	Introduction to Mathematical Studies (0)	FA 125	Christianity & the Arts (3)
Ma 200	Calculus I (4)	Com 101	Fundamentals of Speech (3)
CpS 110	Object-Oriented Programming I (3)		Electives or Minor (3)
Bi 205	OT Literature & Interpretation (3)		<b>Total Credits: 16</b>
<b>Total Credits: 16</b>			

Second Year

Ma 300	Elementary Linear Algebra (3)	Ma 406	Differential Equations (3)
Ma 301	Calculus III (4)	SSE 200	Foundations of Economics (3)
Hi 101	The Making of the Modern World (3)	Ph 200	Themes in Western Thought (3)
Bi 209	NT Literature & Interpretation (3)		STEM Elective <sup>2</sup> (3)
	English or Writing Elective (3)		<b>Total Credits: 12</b>
<b>Total Credits: 16</b>			

Third Year

Ma 402	Abstract Algebra (3)	Th 360	Bible Doctrines (3)
Ma 404	Probability & Statistics I (3)		Mathematics Elective (300/400-level) (3)
Th 350	Bible Doctrines (3)		STEM Elective <sup>2</sup> (3)
Com 410	Oral Comm for the Professions (3)		Electives or Minor (6)
	STEM Elective <sup>2</sup> (3)		<b>Total Credits: 15</b>
<b>Total Credits: 15</b>			

Fourth Year

Ma 403	Intermediate Analysis (3)	Sc 200	Essential Science (3)
Ma 480	Capstone Experience Mathematics I (1)	Ma 481	Capstone Experience Mathematics II (1)
Th 499	Apologetics & Worldview (3)		Mathematics Elective (300/400-level) (3)
	Mathematics Elective (300/400-level) (3)		Electives or Minor (8)
	Electives or Minor (5)		<b>Total Credits: 15</b>
<b>Total Credits: 15</b>			

<sup>2</sup> CpS 210 Data Structures, CpS 209 Object-Oriented Programming II, and CpS 406 Computational Mathematics; or Ele 205 Basic Circuit Analysis I, Ele 206 Basic Circuit Analysis II, and Ele 407 Signals & Communication Systems; or Mch 200 Statics & Strength of Materials, Mch 201 Engineering Dynamics, and Phy 201 General Physics I; or Phy 201 General Physics I and Phy 202 General Physics II

- Recommended minors: Business, Chemistry, Computer Science, Physics

# Department of Computer Science

James A. Knisely, PhD  
Department Head

The Department offers majors and minors in Computer Science, Cybersecurity and Information Technology. In addition to the courses taught for these majors, the department also offers service courses in computer fluency for students who need training in the use of computers or to fulfill the general degree requirements in computer science. Courses are also available as general electives.

## Computer Science— Certificate in Cybersecurity (12 credits)

- CpS 335 Computer Network Fundamentals (3)  
CpS 404 Internet Application Development (3)  
6 credits selected from the following:
- CpS 255 Penetration Testing & Ethical Hacking (3)
  - CpS 306 Applied Cryptography (3)
  - CpS 377 Hardware & Software Reverse Engineering (3)
  - CpS 392 Cyber Operations (3)
  - CpS 481 Applied Cybersecurity (3)
  - CpS 485 Cybersecurity Internship (3)

## Information Technology— Certificate in Cybersecurity (12 credits)

- CpS 392 Cyber Operations (3)  
9 credits selected from the following:
- CpS 255 Penetration Testing & Ethical Hacking (3)
  - CpS 377 Hardware & Software Reverse Engineering (3)
  - CpS 400 Cybercrime (3)
  - CpS 404 Internet Application Development (3)
  - CpS 481 Applied Cybersecurity (3)
  - CpS 485 Cybersecurity Internship (3)

## CERTIFICATE IN CYBERSECURITY

The Certificate in Cybersecurity is available to students majoring in computer science and information technology.\* It allows graduates to apply cybersecurity principles to the database, operating systems, and networking classes taken as part of their programs. Students will demonstrate a basic ability to defend from and respond to security breaches in a general business or research environment.

\* Students majoring in other programs should consider a minor in cybersecurity.

## SKILLS

The student will . . .

- Apply cybersecurity principles appropriately within the context of their work.
- Demonstrate an ability to defend from and respond to security breaches within the context of their work.

## COMPUTER SCIENCE MINOR

The Computer Science minor provides cognitive and practical support for many major study concentrations and prepares the student to function satisfactorily in a computer-oriented world. It also offers adequate professional knowledge to future programmers.

A minor in Computer Science consists of CpS 110 Object-Oriented Programming I (3), CpS 209 Object-Oriented Programming II (3), CpS 210 Data Structures (3), CpS 230 Computer Systems (3) and six credits of electives with a CpS prefix.



## Bachelor of Science, **Computer Science**

**Stephen Schaub, PhD**  
*Program Coordinator*

### Computer Science Program Summary

Major .....	61
BJU Core .....	51
Electives .....	8
<b>Total (minimum).....</b>	<b>120</b>

The Bachelor of Science degree in Computer Science provides coursework in computer science, mathematics, Bible and the liberal arts. Students will gain an understanding of computer technology and function; design and build secure software using industry standard languages, tools and platforms; and study core areas of the computer science discipline. The student will be prepared for a career in software research and development, and for graduate studies. The degree requires 61 credits in the major and supports the division's goal to train students to solve relevant and sophisticated problems in a variety of fields.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Design and implement efficient solutions to problems in various domains.
- Apply fundamental concepts in computer science.
- Communicate technical information effectively, including software design and requirements documents.
- Evaluate and assess software technologies for use in solving specific problems.
- Apply biblical principles of ethics to computing.

## DEGREE COURSES

### Major: 61 credits

Ele 110	Digital Electronics (3)
Ma 300	Elementary Linear Algebra (3)
Ma 303	Discrete Math (3)
CpS 110	Object-Oriented Programming I (3)
CpS 209	Object-Oriented Programming II (3)
CpS 210	Data Structures (3)
CpS 230	Computer Systems (3)
CpS 250	Unix Programming (3)
CpS 301	Introduction to Database Management Systems (3)
CpS 310	Microprocessor Architecture (3)
CpS 350	Programming Language Design (3)
CpS 360	Introduction to Operating Systems (3)
CpS 391	Computer Security (3)
CpS 420	Software Engineering (3)
CpS 450	Language Translation Systems (3)
CpS 479	Computer Science Seminar (1)
<i>Calculus Elective<sup>1</sup> (3)</i>	
· Ma 180	Applied Calculus (3)
· Ma 200	Calculus I (4)
<i>Computer Science Elective (300/400-level) (6)</i>	
<i>Mathematics Elective (202/400-level)<sup>2</sup> (6)</i>	

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
Com 222	Fundamentals of Technical Writing (3)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
Tec 201	Digital Literacy Honors (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

8 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Ele 110	Digital Electronics (3)
Tec 201	Digital Literacy Honors (3)	CpS 209	Object-Oriented Programming II (3)
CpS 110	Object-Oriented Programming I (3)	Bi 205	OT Literature & Interpretation (3)
Com 101	Fundamentals of Speech (3)	<i>Calculus Elective<sup>1</sup> (3)</i>	
<b>Total Credits: 15</b>			

### Second Year

CpS 230	Computer Systems (3)	Sc 200	Essential Science (3)
Hi 101	The Making of the Modern World (3)	CpS 210	Data Structures (3)
Bi 209	NT Literature & Interpretation (3)	CpS 250	Unix Programming (3)
FA 125	Christianity & the Arts (3)	Com 222	Fundamentals of Technical Writing (3)
<i>Mathematics Elective (202/400-level) (3)</i>		<i>Electives or Minor (3)</i>	
<b>Total Credits: 15</b>			

### Third Year

CpS 301	Intro to Database Management Systems (3)	Ma 303	Discrete Math (3)
CpS 310	Microprocessor Architecture (3)	CpS 360	Introduction to Operating Systems (3)
CpS 391	Computer Security (3)	Th 360	Bible Doctrines (3)
Th 350	Bible Doctrines (3)	Ph 200	Themes in Western Thought (3)
Com 410	Oral Comm for the Professions (3)	<i>Computer Science Elective (300/400) (3)</i>	
<b>Total Credits: 15</b>			

### Fourth Year

Ma 300	Elementary Linear Algebra (3)	CpS 450	Language Translation Systems (3)
CpS 350	Programming Language Design (3)	Th 499	Apologetics & Worldview (3)
CpS 420	Software Engineering (3)	Th 499	Apologetics & Worldview (3)
CpS 479	Computer Science Seminar (1)	<i>Computer Science Elective (300/400) (3)</i>	
SSE 200	Foundations of Economics (3)	<i>Mathematics Elective (202/400-level) (3)</i>	
<i>Electives or Minor (2)</i>		<i>Electives or Minor (3)</i>	
<b>Total Credits: 15</b>			

<sup>1</sup> Ma 180 Applied Calculus or Ma 200 Calculus I

<sup>2</sup> At least 4 credits at the Ma 202 level or higher. Note: The calculus elective and mathematics elective must total a minimum of 8 credits. Students who take Ma 180 will choose two 3-credit mathematics electives to complete this requirement.

· Recommended minor: Mathematics

## CYBERSECURITY MINOR

The Cybersecurity minor allows students to apply introductory cybersecurity principles to both policy and practice. Students will demonstrate a basic ability to defend from and respond to security breaches in a general business environment.

A minor in Cybersecurity consists of CpS 110 Object-Oriented Programming I (3), CpS 301 Introduction to Database Management Systems (3), CpS 335 Computer Network Fundamentals (3), CpS 391 Computer Security (3), CpS 392 Cyber Operations (3) and three credits from CpS 202 Information Technology II (3) or CpS 250 Unix Programming (3).

## Bachelor of Science, **Cybersecurity**

James A. Knisely, PhD  
Program Coordinator

### Cybersecurity

#### Program Summary

Major .....	55
BJU Core .....	51
Electives .....	14
<b>Total (minimum).....</b>	<b>120</b>



The Bachelor of Science degree in Cybersecurity provides coursework in computer science, mathematics, Bible, and the liberal arts. Students will gain understanding of the technical aspects of security including the nature of exploits and defense; and risk analysis and the difficulty of balancing business needs with security. The student will be prepared for a career in cybersecurity both offensive and defensive, system administration, and secure software development. The emphases on ethics and communication provide strong support for career advancement. The degree requires 55 credits in the major and supports the division's goal to train students to solve relevant and sophisticated problems in a variety of fields.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Apply introductory cybersecurity principles to both policy and practice.
- Design, implement, and evaluate a computing-based solution to meet a given set of secure computing requirements.
- Apply security principles and practices to maintain operations in the presence of risks and threats.
- Communicate technical information effectively, including risks discovered and mitigation strategies.
- Apply biblical principles of ethics in computing..

## DEGREE COURSES

### Major: 55 credit

CpS 110	Object-Oriented Programming I (3)
CpS 209	Object-Oriented Programming II (3)
CpS 210	Data Structures (3)
CpS 230	Computer Systems (3)
CpS 250	Unix Programming (3)
CpS 255	Penetration Testing & Ethical Hacking (3)
CpS 301	Introduction to Database Management Systems (3)
CpS 306	Applied Cryptography (3)
CpS 335	Computer Network Fundamentals (3)
CpS 360	Introduction to Operating Systems (3)
CpS 377	Hardware & Software Reverse Engineering (3)
CpS 391	Computer Security (3)
CpS 392	Cyber Operations (3)
CpS 404	Internet Application Development (3)
CpS 420	Software Engineering (3)
CpS 489	Cybersecurity Seminar (1)
<i>Applied Cybersecurity or Internship Elective<sup>1</sup> (3)</i>	
· CpS 481 Applied Cybersecurity (3)	
· CpS 485 Cybersecurity Internship (3)	
Ele 110	Digital Electronics (3)
<i>Mathematics Elective<sup>1</sup> (3)</i>	
· Ma 180 Applied Calculus (3)	
· Ma 320 Applied Statistics (3)	

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
Com 222	Fundamentals of Technical Writing (3)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
Tec 201	Digital Literacy Honors (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

14 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Ele 110	Digital Electronics (3)
Tec 201	Digital Literacy Honors (3)	CpS 209	Object-Oriented Programming II (3)
CpS 110	Object-Oriented Programming I (3)	Bi 205	OT Literature & Interpretation (3)
Com 101	Fundamentals of Speech (3)		Mathematics Elective <sup>2</sup> (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Second Year

CpS 230	Computer Systems (3)	CpS 210	Data Structures (3)
CpS 225	Penetration Testing & Ethical Hacking (3)	CpS 250	Unix Programming (3)
Hi 101	The Making of the Modern World (3)	CpS 335	Computer Network Fundamentals (3)
Bi 209	NT Literature & Interpretation (3)	Com 222	Fundamentals of Technical Writing (3)
FA 125	Christianity & the Arts (3)		Electives or Minor (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Third Year

Sc 200	Essential Science (3)	CpS 360	Introduction to Operating Systems (3)
CpS 301	Intro to Database Management Systems (3)	CpS 392	Cyber Operations (3)
CpS 377	Hardware & Software Reverse Eng (3)	CpS 404	Internet Application Development (3)
CpS 391	Computer Security (3)	Ph 200	Themes in Western Thought (3)
Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Fourth Year

CpS 420	Software Engineering (3)	CpS306	Applied Cryptography (3)
CpS 489	Cybersecurity Seminar (1)	SSE 200	Foundations of Economics (3)
Com 410	Oral Comm for the Professions (3)	Th 499	Apologetics & Worldview (3)
	Applied Cybersecurity or Internship <sup>1</sup> (3)		Electives or Minor (6)
	Electives or Minor (5)		<b>Total Credits: 15</b>
<b>Total Credits: 15</b>			

<sup>1</sup> CpS 481 Applied Cybersecurity or CpS 485 Cybersecurity Internship

<sup>2</sup> Ma 180 Applied Calculus or Ma 320 Applied Statistics

· Recommended minor: Business

## INFORMATION TECHNOLOGY MINOR

The Information Technology minor provides a foundation for understanding computer technology. It prepares the students to work effectively with information technology in their fields of study.

A minor in Information Technology consists of CpS 109 Introduction to Computer Programming (3), CpS 201 Information Technology I (3), CpS 202 Information Technology II (3), CpS 225 Business Systems (3), CpS 301 Introduction to Database Management Systems (3), and three credits of CpS electives.

## Bachelor of Science, **Information Technology**

V. Alan Hughes, DBA  
*Program Coordinator*

### Information Technology Program Summary

Major .....	45
BJU Core .....	51
Electives .....	24
<b>Total (minimum).....</b>	<b>120</b>

The Bachelor of Science degree in Information Technology provides coursework in information technology, business, Bible and the liberal arts. Students will be prepared for work in the areas of system analysis; system, network and database administration; and help desk management. The development of problem-solving skills is a major emphasis. Exposure to standard computing platforms will help prepare students for industry certification. This program requires 45 credits in the major and contributes to the division's goal to train students to solve relevant and sophisticated problems in a variety of fields.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Identify and deploy appropriate technology to solve problems in various domains.
- Work effectively in teams.
- Communicate technical information effectively, including business proposals and network documentation.
- Apply biblical principles of ethics to computing.

## DEGREE COURSES

### Major: 45 credits

Ma 320	Applied Statistics (3)
<i>Mathematics Elective<sup>1</sup> (3)</i>	
· Ma 105	Trigonometry (3)
· Ma 180	Applied Calculus (3)
CpS 109	Introduction to Computer Programming (3)
CpS 110	Object-Oriented Programming I (3)
CpS 201	Information Tech I (3)
CpS 202	Information Tech II (3)
CpS 225	Business Systems (3)
CpS 301	Introduction to Database Management Systems (3)
CpS 335	Computer Network Fundamentals (3)
CpS 340	Project Management (2)
CpS 391	Computer Security (3)
CpS 420	Software Engineering (3)
CpS 433	Network, server & Cloud Administration (3)
CpS 465	Information Technology Internship I (3)
CpS 469	Information Technology Seminar (1)
Com 505	Communication Training & Development (3)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
Com 222	Fundamentals of Technical Writing (3)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
Tec 201	Digital Literacy Honors (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

24 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	CpS 109	Intro Computer Programming (3)
Tec 201	Digital Literacy Honors (3)	FA 125	Christianity & the Arts (3)
Com 101	Fundamentals of Speech (3)	Bi 205	OT Literature & Interpretation (3)
	Mathematics Elective <sup>1</sup> (3)		Electives or Minor (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Second Year

CpS 110	Object-Oriented Programming I (3)	CpS 202	Information Technology II (3)
CpS 201	Information Technology I (3)	SSE 200	Foundations of Economics (3)
Hi 101	The Making of the Modern World (3)	Ph 200	Themes in Western Thought (3)
Bi 209	NT Literature & Interpretation (3)		Electives or Minor (6)
Com 222	Fundamentals of Technical Writing (3)		<b>Total Credits: 15</b>
	<b>Total Credits: 15</b>		

### Third Year

Sc 200	Essential Science (3)	CpS 225	Business Systems (3)
CpS 301	Intro to Database Management Systems (3)	CpS 335	Computer Network Fundamentals (3)
CpS 391	Computer Security (3)	CpS 340	Project Management (2)
Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
Com 410	Oral Comm for the Professions (3)		Electives or Minor (4)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Fourth Year

CpS 420	Software Engineering (3)	Ma 320	Applied Statistics (3)
CpS 433	Network, Server & Cloud Admin (3)	CpS 465	Information Technology Internship I (3)
CpS 469	Information Technology Seminar (1)	Th 499	Apologetics & Worldview (3)
Com 505	Comm Training & Development (3)		Electives or Minor (6)
	Electives or Minor (5)		<b>Total Credits: 15</b>
	<b>Total Credits: 15</b>		

<sup>1</sup> Ma 105 Trigonometry or Ma 180 Applied Calculus

· Recommended minor: Business



# DIVISION OF HISTORY, GOVERNMENT & SOCIAL SCIENCE

The Division of History, Government and Social Science offers majors in Criminal Justice, History and International Studies and minors in Criminal Justice, History, Political Science and Psychology. Courses offered in the division enable students to fulfill the general degree requirements in history and social science and serve as general electives.

## PURPOSE

The Division of History, Government and Social Science exists to promote a biblically based study of human interactions and relationships, both historic and contemporary.

## GOALS

The student will ...

- Research and analyze social problems.
- Evaluate diverse ideas according to the critical standards of his or her discipline.
- Integrate understanding and practice of his or her discipline with a biblical worldview.



Brenda T. Schoolfield, PhD  
*Chair*

## MILITARY SCIENCE LEADERSHIP—ARMY ROTC

Through an agreement with the Army Reserve Officer Training Corps (AROTC) at Furman University, Bob Jones University students can concurrently enroll in the AROTC program at Furman University. While pursuing a bachelor's degree, students can earn a commission as a lieutenant by completing Military Science Leadership courses outlined under BJU's College of Arts and Science, Division of History, Government and Social Science. The first two years of the program are open to all students. In addition to courses, students participate in physical training and a weekly leadership laboratory. Military Science Leadership courses are offered for students interested in the AROTC and apply as general electives.

## POLITICAL SCIENCE MINOR

The Political Science minor prepares the student for participation in the political process and in the workings of local, state, national and international government. It offers courses in political theory, the organization and function of government, the nature and operation of political parties, and methods of participation in the political process.

A minor in Political Science consists of SSP 207 National Government (3), SSP 208 State & Local Government (3), SSP 310 Comparative Politics (3), Hi 425 America's Ideological Foundations (3), and six credits from the following electives: Hi 449 American Legal History (3), Com 431 Special Topics in Journalism & Mass Communication (3), SSP 303 International Relations (3), SSP 304 American Political Parties/Interest Groups (3), SSP 401 Essentials of Public Policy (3), SSP 498 Political Science Internship (6) or SSP 499 Political Science Internship (3).

## PSYCHOLOGY MINOR

The Psychology minor is a practical and useful complement to a wide variety of majors, including health sciences, business and criminal justice.

A minor in Psychology consists of Ps 200 General Psychology (3) and 15 credits of electives with a Ps prefix.

## HISTORY MINOR

The History minor is an appropriate liberal arts complement to a wide variety of majors.

A minor in History consists of Hi 201 United States History to 1865 (3), Hi 202 United States History since 1865 (3), and 12 credits of electives with an Hi prefix.

## Bachelor of Arts, **History**

Linda K. Hayner, PhD  
*Program Coordinator*

### History Program Summary

Major .....	39
BJU Core .....	63
Electives.....	18
<b>Total (minimum).....</b>	<b>120</b>

The History major prepares students for graduate studies in history and professional careers that emphasize research and communication. The major provides a biblical view of history, historical research and writing, culminating in the supervised writing of a senior research paper. This program requires 39 credits, including courses in American, western and special area history.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Analyze changes and continuities in human history.
- Evaluate research materials and historical interpretations from a biblical perspective.
- Construct oral and written historical presentations.

## DEGREE COURSES

### Major: 39 credits

Hi 105	Introduction to Historical Studies (3)
Hi 201	United States History to 1865 (3)
Hi 202	United States History since 1865 (3)
Hi 406	Historiography (3)
Hi 440	Historical Research & Writing (3)
	History Electives (300/400-level) (24)

### BJU Core: 63 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	English or Writing Elective (3)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
	World Language (12)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
	Math/Computer or Science Elective (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

18 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 105	Introduction to Historical Studies (3)
Hi 101	The Making of the Modern World (3)	Bi 209	NT Literature & Interpretation (3)
Bi 205	OT Literature & Interpretation (3)	Com 101	Fundamentals of Speech (3)
FA 125	Christianity & the Arts (3)		Math/Computer or Science Elective (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Second Year

SSE 200	Foundations of Economics (3)	Sc 200	Essential Science (3)
Hi 201	United States History to 1865 (3)	Hi 202	United States History since 1865 (3)
	English or Writing Elective (3)	Ph 200	Themes in Western Thought (3)
	World Language (3)		World Language (3)
	History Elective (300/400-level) (3)		History Elective (300/400-level) (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Third Year

Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
	World Language (3)		World Language (3)
	History Elective (300/400-level) (3)		History Elective (300/400-level) (3)
	History Elective (300/400-level) (3)		History Elective (300/400-level) (3)
	Electives or Minor (3)		Electives or Minor (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Fourth Year

Hi 406	Historiography (3)	Hi 440	Historical Research & Writing (3)
Com 410	Oral Comm for the Professions (3)	Th 499	Apologetics & Worldview (3)
	History Elective (300/400-level) (3)		History Elective (300/400-level) (3)
	Electives or Minor (6)		Electives or Minor (6)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

· Recommended minors: Creative Writing, English, French, German, Spanish, Political Science



## Bachelor of Arts, **International Studies**

**Brenda T. Schoolfield, PhD**  
*Program Coordinator*

### International Studies Program Summary

Major .....	36
BJU Core .....	69
Electives .....	15
<b>Total (minimum).....</b>	<b>120</b>

International Studies, an interdisciplinary major, prepares students for graduate work in public administration and careers in international affairs. Its core of history and social science is complemented by courses in business, one world language, and communication. The program requires 36 credits in the major; a summer practical experience or an internship in a cross-cultural setting is strongly encouraged. The major supports the division's goal of promoting a biblically based study of human interactions and relationships.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Communicate effectively in cross-cultural settings.
- Evaluate different political systems and economic theories.
- Assess global political development in the modern era.
- Apply biblical principles in cross-cultural settings.

## DEGREE COURSES

### Major: 36 credits

Hi 350	The West since 1914 (3)
Hi 360	The Non-Western World since 1914 (3)
SSE 210	Economics for the Professional (3)
SSP 207	National Government (3)
SSP 303	International Relations (3)
SSP 310	Comparative Politics (3)
SSS 200	Introduction to World Cultures (3)
SSS 489	International Studies Seminar (3)
SSS 504	Cultural Anthropology (3)
<i>Business Elective<sup>1</sup> (3)</i>	
· BA 101	Introduction to Business (3)
· Mkt 205	Principles of Marketing (3)
<i>Communication Elective<sup>2</sup> (3)</i>	
· Com 300	Media & Society (3)
· Com 407	Argumentation & Debate (3)
· Com 520	Intercultural Communication (3)
· Com 521	Nonverbal Communication (3)
<i>History Elective<sup>3</sup> (3)</i>	
· Hi 370	Early Modern Eur/French Revolution (3)
· Hi 409	The Middle East (3)
· Hi 452	Europe in the 19th Century (3)

### BJU Core: 69 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
<i>World Language (18)</i>	
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

15 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	FA 125	Christianity & the Arts (3)
Hi 101	The Making of the Modern World (3)	Com 101	Fundamentals of Speech (3)
Bi 205	OT Literature & Interpretation (3)		World Language (3)
	World Language (3)		Electives or Minor (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Second Year

SSP 207	National Government (3)	Sc 200	Essential Science (3)
SSS 200	Introduction to World Cultures (3)	SSE 200	Foundations of Economics (3)
Bi 209	NT Literature & Interpretation (3)	Ph 200	Themes in Western Thought (3)
	English or Writing Elective (3)		Math/Computer or Science Elective (3)
	World Language (3)		World Language (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Third Year

Hi 350	The West since 1914 (3)	SSE 210	Economics for the Professional (3)
SSS 303	International Relations (3)	Hi 360	The Non-Western World since 1914 (3)
Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
	World Language (3)	Com 410	Oral Comm for the Professions (3)
	Electives or Minor (3)		World Language (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Fourth Year

SSS 489	International Studies Seminar (3)	SSP 310	Comparative Politics (3)
	Business Elective <sup>1</sup> (3)	SSS 504	Cultural Anthropology (3)
	History Elective <sup>4</sup> (3)	Th 499	Apologetics & Worldview (3)
	Electives or Minor (6)		Communication Elective <sup>2</sup> (3)
<b>Total Credits: 15</b>			Electives or Minor (3)
		<b>Total Credits: 15</b>	

<sup>1</sup> BA 101 Introduction to Business or Mkt 205 Principles of Marketing

<sup>2</sup> Com 303 Media & Society, Com 407 Argumentation & Debate, Com 520 Intercultural Communication or Com 521 Nonverbal Communication

<sup>3</sup> Hi 370 Early Modern Eur/French Revolution, Hi 409 The Middle East or Hi 452 Europe in the 19th Century

<sup>4</sup> SSP 304 Amer Political Parties/Interest Groups, SSP 401 Essentials of Public Policy, SSP 498 Political Science Internship or SSP 499 Political Science Internship

- If Chinese is chosen as the world language, Chn 121, 122, 221 and 222 will be taken at BJU; two 300-level courses will then be taken online during the summer from the Beijing Language and Culture University. Students may obtain approval to take the 300-level courses at another college or university; however, acceptance of transfer credits is subject to validation by the Division of World Languages and Cultures placement process.
- It is strongly recommended that international studies majors participate in a university mission team, study tour or internship during at least one summer following the second year.
- Recommended minors: Chinese, French, German, Spanish

## Associate of Science, Criminal Justice

Larry W. McKeithan, MS  
Program Coordinator

### Criminal Justice Program Summary

Major .....	33
BJU Core .....	27
<b>Total (minimum).....</b>	<b>60</b>

### DEGREE COURSES

#### Major: 33 credits

CJ 101	Introduction to Criminal Justice (3)
CJ 201	Criminal Law (3)
CJ 202	Constitutional Law (3)
CJ 212	Criminology (3)
CJ 250	Criminal Justice Internship (3)
CJ 310	Criminal Justice Ethics (3)
SSS 202	Introduction to Sociology (3)
<i>Criminal Justice Electives (100/200-level) (9)</i>	
<i>Criminal Justice Elective (200/300-level) (3)</i>	

#### BJU Core: 27 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
En 102	Composition & Rhetoric (3)
<i>English Composition (3)</i>	
Com 101	Fundamentals of Speech (3)
Uni 101	Pathways (3)
<i>Mathematics or Science Elective (3)</i>	
SSE 200	Foundations of Economics (3)
FA 125	Christianity & the Arts (3)

The Criminal Justice Associate of Science program prepares students for careers within criminal justice such as law enforcement, private security, the courts, and corrections in the context of a biblical worldview. The program includes 33 credits of coursework in the theory and practice of criminal justice. The program supports the division's goal of promoting a biblically based study of human interactions and relationships. Students completing the Associate of Science degree in Criminal Justice may apply to continue toward the Bachelor of Science degree in Criminal Justice.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Appraise the value of the relationship between law enforcement and the community.
- Analyze the relationships between the core components of the criminal justice system.
- Evaluate secular criminological explanations of individual and collective deviant behavior through a biblical worldview.

### SUGGESTED SCHEDULE

#### First Year

Uni 101	Pathways (3)	En 102	Composition & Rhetoric (3)
CJ 101	Introduction to Criminal Justice (3)	CJ 202	Constitutional Law (3)
Bi 205	OT Literature & Interpretation (3)	CJ 212	Criminology (3)
Com 101	Fundamentals of Speech (3)	FA 125	Christianity & the Arts (3)
	English Composition (3)		Criminal Justice Elective (100/200) (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

#### Second Year

CJ 201	Criminal Law (3)	CJ 250	Criminal Justice Internship (3)
CJ 310	Criminal Justice Ethics (3)	SSE 200	Foundations of Economics (3)
Bi 209	NT Literature & Interpretation (3)	SSS 202	Introduction to Sociology (3)
	Criminal Justice Elective (100/200) (3)		Criminal Justice Elective (100/200) (3)
	Mathematics or Science Elective (3)		Criminal Justice Elective (200/300) (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

## CRIMINAL JUSTICE MINOR

The Criminal Justice minor is designed to provide a concise overview of the three main components of the criminal justice system in the United States: law enforcement, corrections and judiciary. Foundational concepts, governing principles and operational imperatives are considered in light of the adverse social conditions they are intended to alleviate.

A minor in Criminal Justice consists of CJ 101 Introduction to Criminal Justice (3), CJ 201 Criminal Law (3), CJ 202 Constitutional Law (3), CJ 310 Criminal Justice Ethics (3), CJ 404 Critical Issues in Criminal Justice (3), and three credits of electives with a CJ prefix.

### Bachelor of Science, **Criminal Justice**

Larry W. McKeithan, MS  
Program Coordinator

#### Criminal Justice Program Summary

Major .....	36
BJU Core .....	51
Electives .....	33
<b>Total (minimum)</b> .....	<b>120</b>



The Criminal Justice program prepares students for careers within criminal justice such as law enforcement, private security, the courts and corrections in the context of a biblical worldview. The program includes 48 credits of coursework in the theory and practice of criminal justice with an optional concentration in Homeland Security. The program supports the division's goal of promoting a biblically based study of human interactions and relationships.

#### PROGRAM LEARNING OUTCOMES

The student will ...

- Appraise the value of the relationship between law enforcement and the community.
- Analyze the relationships between the core components of the criminal justice system.
- Evaluate secular criminological explanations of individual and collective deviant behavior through a biblical worldview.

## DEGREE COURSES

### Major: 36 credits

CJ 101	Introduction to Criminal Justice (3)
CJ 202	Constitutional Law (3)
CJ 212	Criminology (3)
CJ 310	Criminal Justice Ethics (3)
CJ 404	Critical Issues in Criminal Justice (3)
CJ 415	Criminal Justice Internship (3)
	<i>Criminal Justice Elective (200/400-level) (3)</i>
	<i>Criminal Justice Electives (300/400-level) (15)</i>

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
Com 324	Business Writing (3)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
	<i>Math/Computer or Science Elective (3)</i>
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

33 credits and/or select a minor

### Homeland Security Concentration Courses: 12 credits

CJ 311	Terrorism (15)
CJ 400	Cybercrime (3)
CJ 407	Homeland Security (3)
Ps 450	Abnormal Psychology (3)

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	FA 125	Christianity & the Arts (3)
CJ 101	Introduction to Criminal Justice (3)		Criminal Justice Elective (200/400) (3)
Bi 205	OT Literature & Interpretation (3)		Math/Computer or Science Elective (3)
Com 101	Fundamentals of Speech (3)		Electives or Minor (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Second Year

Hi 101	The Making of the Modern World (3)	CJ 202	Constitutional Law (3)
Bi 209	NT Literature & Interpretation (3)	CJ 212	Criminology (3)
Com 324	Business Writing (3)	Ph 200	Themes in Western Thought (3)
	Criminal Justice Elective (300/400) (3)		Electives or Minor (6)
	Electives or Minor (3)		<b>Total Credits: 15</b>
	<b>Total Credits: 15</b>		

### Third Year

Sc 200	Essential Science (3)	SSE 200	Foundations of Economics (3)
CJ 310	Criminal Justice Ethics (3)	Th 360	Bible Doctrines (3)
Th 350	Bible Doctrines (3)		Criminal Justice Elective (300/400) (3)
	Criminal Justice Elective (300/400)(3)		Criminal Justice Elective (300/400)(3)
	Electives or Minor (3)		Electives or Minor (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Fourth Year

CJ 415	Criminal Justice Internship (3)	CJ 404	Critical Issues in Criminal Justice (3)
Com 410	Oral Comm for the Professions (3)	Th 499	Apologetics & Worldview (3)
	Criminal Justice Elective (300/400) (3)		Electives or Minor (9)
	Electives or Minor (6)		<b>Total Credits: 15</b>
	<b>Total Credits: 15</b>		

· Recommended minors: Business, Chemistry, Psychology, Spanish

## HOMELAND SECURITY CONCENTRATION

The Homeland Security concentration is designed to prepare students for employment in the homeland security fields in local, state and federal agencies.

## PROGRAM LEARNING OUTCOME

The student will ...

- Apply principles of homeland security at local, state, and national government levels to mitigate terrorist attacks and natural disasters.



# COURSES

## BRIDGE TO COLLEGE ENGLISH

### **ESL 090** ESL English (0 credit)

Applied study of many aspects of spoken and written English, including grammar, vocabulary and pronunciation. The course includes reading and study skills as well as frequent and varied writing. Required in the Bridge to College English program. *First semester.*

### **ESL 091** Conversation & Study Skills (0 credit)

Oral practice with everyday topics while incorporating vocabulary, prefixes, idioms, proverbs and pronunciation. Practice with varied study skills as applied to content courses. Required in the Bridge to College English Program. *First semester.*

## HUMANITIES

### **Hmn 400** Humanities Seminar (3 credits)

A supervised experience in research and analysis of an issue in the humanities, culminating in a written presentation. *Second semester.*

## INTERDISCIPLINARY STUDIES

### **IDS 101** Introduction to Interdisciplinary Studies (3 credits)

An introduction to the philosophy, practice, and applications of interdisciplinary studies. Students explore interdisciplinary ideas and produce an application and contract for entry into the Interdisciplinary Studies degree program. *First semester.*

### **IDS 401** Interdisciplinary Studies Capstone (3 credits)

Students produce a thesis, project, or major presentation to fulfil the approved Interdisciplinary Studies contract. *Second semester.*

## UNIVERSITY

### **Uni 092** Academic Coaching (0 credit)

This course is designed to provide individualized academic coaching to help students develop a plan for success in their chosen program. This course is open to students who change degree programs and may be repeated. *Both semesters.*

### **Uni 093** Academic Management Seminar (0 credit)

This course is designed to help students develop the confidence needed for achieving academic success through the supportive relationship of an academic coach. Individualized academic coaching is used to guide students

to create and achieve their academic goals. This course is open to all students and may be repeated. *Both semesters.*

**Uni 101** Pathways (3 credits)

Connects new students with the mission and culture of Bob Jones University in order to foster a successful college experience. This course aims to cultivate an appreciation for Christian liberal arts higher education and the distinctives of

BJU, reinforce the principles that comprise the framework of student life expectations, help students extend their academic skills and set realistic goals, encourage engagement in curricular and co-curricular opportunities and develop priorities and disciplines necessary for long-term spiritual success. *Required of freshmen during the initial semester of enrollment. Both semesters.*

## DIVISION OF ENGLISH LANGUAGE & LITERATURE

### CREATIVE WRITING

**CW 212** Creative Writing (3 credits)

Principles and techniques of imaginative (non-informational and non-argumentative) writing, with an emphasis on fiction. *Prerequisite: En 103. Both semesters.*

**CW 411** Short Story Writing (3 credits)

Principles and techniques of writing short stories. *Prerequisite: CW 212. First semester.*

**CW 412** Novel Writing (3 credits)

Principles and techniques of writing novels. *Prerequisite: CW 411. Second semester, even-numbered calendar years.*

**CW 413** Script Writing (3 credits)

Principles and techniques of writing or adapting a full-length dramatic script for radio, television, screen or stage. *Prerequisite: CW 212. First semester.*

**CW 414** Poetry Writing (3 credits)

Principles and techniques of poetry composition. *Prerequisite: CW 212. Second semester, odd-numbered calendar years.*

**CW 415** Writing for Children (3 credits)

Principles and techniques of writing children's literature. Attention to philosophy, writing styles, trends and age categories. Focus on poetry, picture and story books, and short nonfiction. *Prerequisite: CW 212. First semester, odd-numbered calendar years.*

**CW 416** Writing Creative Nonfiction (3 credits)

Writing that emphasizes techniques associated with imaginative literature to represent actual experience, with forms including, among others, the memoir, the personal essay and the biography. *Prerequisite: En 103. First semester, even-numbered calendar years.*

### ENGLISH

**En 095** Introduction to College English (0 credit)

Basics of sentence structure, including parts of speech, sentence patterns, phrases and clauses. *Required of students with English ACT score 14 or below, or Writing SAT score 20 or below. Not open to those with English ACT score 15 or above, or Writing SAT 21 or above. Not applicable toward associate or baccalaureate English requirement. Both semesters.*

**En 101** Composition & Grammar (3 credits)

Review of sentence structure, punctuation, paragraph development and essay organization. Emphasis on expository writing. *Required of students with English ACT score between 15 and 23, or Writing SAT score 21 to 29. Not open to those with English ACT score above 23, or Writing SAT score above 29. Not applicable toward a major or minor. Prerequisite: English ACT score 15–23, or Writing SAT 21–29, or En 095 or English Placement Test. Both semesters, Online.*

**En 102** Composition & Rhetoric (3 credits)

Introduction to academic writing emphasizing argumentation, research, documentation and style; centering on the library paper. *Not applicable toward a major or minor. Prerequisite: English ACT score 24 or above, or Writing SAT 30 or above, En 101 or English Placement Test. Both semesters, Online.*

**En 103** Composition & Literature (3 credits)

Critical writing using literary analysis. Discussion of literature by genres and according to basic literary critical concepts and terminology. *Not applicable toward a major or minor. Prerequisite: En 102. Both semesters, Online.*

**En 202** British Literature to 1688 (3 credits)

A historical and critical survey of British literature from Beowulf to 1688. *Prerequisite: En 103. First semester, Online.*

**En 203** British Literature since 1688 (3 credits)

A historical and critical survey of British literature from 1688 to the present. *Prerequisite: En 103. Both semesters.*

**En 204** American Literature since 1607 (3 credits)

A historical and critical survey of American literature from colonial times to the present. *Prerequisite:* En 103. *Excludes:* En 205 and En 206. *First semester.*

**En 205** American Literature 1607–1865 (3 credits)

A historical and critical survey of American literature from colonial times to 1865. *Prerequisite:* En 103. *Excludes:* En 204. *Both semesters, Online.*

**En 206** American Literature since 1865 (3 credits)

A historical and critical survey of American literature from 1865 to the present. *Prerequisite:* En 103. *Excludes:* En 204. *Both semesters, Online.*

**En 300** Literary Criticism (3 credits)

Critical principles, approaches and technical concepts and terms important in the interpretation and evaluation of literature. Practice in the criticism of specific works. *Prerequisite:* En 202, En 203, En 204, En 205 or En 206. *Both semesters.*

**En 380** Classical & Medieval Literature (3 credits)

Classical and medieval continental literature most influential upon English writers. In English translation. *Prerequisite:* En 202, En 203, En 204, En 205 or En 206. *Second semester.*

**En 381** Modern World Literature (3 credits)

Major continental European literature since the Middle Ages, including primarily works in translation. *Prerequisite:* En 202, En 203, En 204, En 205 or En 206. *Second semester.*

**En 403** Chaucer (3 credits)

Poems representative of Chaucer's three literary periods, with primary emphasis upon *Canterbury Tales* and *Troilus and Criseyde*. *No previous training in Middle English required.* *Prerequisite:* En 202, En 203, En 204, En 205 or En 206.

**En 404** Milton (3 credits)

The poetry and prose of John Milton, with primary emphasis upon *Paradise Lost*. *Prerequisite:* En 202, En 203, En 204, En 205 or En 206.

**En 405** Modern Poetry (3 credits)

Major British and American poetry from 1914 to 1945. *Prerequisite:* En 202, En 203, En 204, En 205 or En 206.

**En 406** Modern Fiction (3 credits)

Major British and American fiction from 1914 to 1945. *Prerequisite:* En 202, En 203, En 204, En 205 or En 206.

**En 407** Twentieth Century Drama (3 credits)

Major American and European drama during the last century, inclusive of the forerunners Ibsen and Chekhov. *Prerequisite:* En 202, En 203, En 204, En 205 or En 206.

**En 411** Shakespeare: Early Plays (3 credits)

Selected histories, comedies and early tragedies inclusive of *Hamlet*. *Prerequisite:* En 202, En 203, En 204, En 205 or En 206. *First semester.*

**En 412** Shakespeare: Late Plays (3 credits)

Selected comedies, late romances and major tragedies exclusive of *Hamlet*. *Prerequisite:* En 202, En 203, En 204, En 205 or En 206. *Second semester.*

**En 413** The Bible as Literature (3 credits)

Literary approaches to the understanding and appreciation of the Bible with emphasis upon its unique status as the supernaturally inspired written revelation of God. *Prerequisite:* En 202, En 203, En 204, En 205 or En 206.

**En 415** Multiethnic Literature (3 credits)

Multiethnic American and world literatures, including works in translation. *Prerequisite:* En 202, En 203, En 204, En 205 or En 206. *First semester.*

**En 421** Sixteenth Century Literature (3 credits)

English literature from 1485 to 1603 inclusive of Shakespeare. *Prerequisite:* En 202, En 203, En 204, En 205 or En 206.

**En 422** Seventeenth Century Literature (3 credits)

English literature from 1603 to 1688 exclusive of Shakespeare. *Prerequisite:* En 202, En 203, En 204, En 205 or En 206.

**En 425** Contemporary Poetry (3 credits)

Major British and American poetry from 1945 to the present. *Prerequisite:* En 202, En 203, En 204, En 205 or En 206.

**En 426** Contemporary Fiction (3 credits)

Major British and American fiction from 1945 to the present. *Prerequisite:* En 202, En 203, En 204, En 205 or En 206.

**En 431** Eighteenth Century Literature (3 credits)

British literature from 1688 to 1789. *Prerequisite:* En 202, En 203, En 204, En 205 or En 206.

**En 432** British Romantic Literature (3 credits)

British literature from 1789 to 1832. *Prerequisite:* En 202, En 203, En 204, En 205 or En 206.

**En 433** Victorian Literature (3 credits)

British literature from 1832 to 1914. *Prerequisite:* En 202, En 203, En 204, En 205 or En 206.

**En 441** American Literature to 1820 (3 credits)

American literature to 1820, with special focus on the works of Anne Bradstreet, Edward Taylor, Jonathan Edwards and Benjamin Franklin. *Prerequisite:* En 202, En 203, En 204, En 205 or En 206.

**En 442** American Literature 1820–1865 (3 credits)

American literature from 1820 to 1865, with special focus upon the works of the Knickerbockers and major figures like Ralph Waldo Emerson, Nathaniel Hawthorne, Herman Melville, Edgar Allan Poe and Walt Whitman.

*Prerequisite:* En 202, En 203, En 204, En 205 or En 206.

**En 443** American Realistic & Naturalistic Literature (3 credits)

American literature from 1865 to 1914, with special focus upon the works of the major realists (Samuel Clemens, Emily Dickinson, William Dean Howells and Henry James) and of the Naturalists (Stephen Crane, Theodore Dreiser and Jack London). *Prerequisite:* En 202, En 203, En 204, En 205 or En 206.

**En 461** British Novel (3 credits)

A critical and historical survey of the British novel from its beginnings to 1914, focusing on representative works of major British novelists. *Prerequisite:* En 202, En 203, En 204, En 205 or En 206.

**En 462** American Novel (3 credits)

A critical and historical survey of the American novel from its beginnings to 1914, focusing on representative works of major American novelists. *Prerequisite:* En 202, En 203, En 204, En 205 or En 206.

**En 479** English Seminar (3 credits)

Application of skills and knowledge gained in program courses to problems faced in careers in English and creative writing. The course emphasizes the tools of literary research and current trends in literary theory. Submission of a writing portfolio required. *Not applicable toward an English minor, Creative Writing minor or Humanities major. Second semester.*

**En 489** English Internship (3 credits)

Supervised professional experience related to English or creative writing. Available to English majors who have demonstrated a high level of competence in their program.

**En 496** European Studies: Drama (3 credits)

A study tour of Greece, Italy and England designed to acquaint students with the historical and cultural background of significant European and English dramas, expose them to dramatic production history and architecture, and give them opportunities to attend selected productions.

**En 498** European Studies: English Literature (3 credits)

Study tour of England, Scotland and Wales designed to include locations representing British literature from medieval to modern writings.

**En 499** American Studies: Literature (3 credits)

Study tour of the Eastern United States designed to include locations representing the American literary heritage.

**En 508** History of the English Language (3 credits)

The English language from the time of earliest records, with emphasis on major external influences and internal changes that have shaped our present language. *Not applicable toward an English minor, Creative Writing major or Humanities major. Identical to Li 408. Prerequisite:* En 103. *Second semester.*

**En 509** Structure of Modern English (3 credits)

The phonology, morphology, syntax and semantics of English according to the most significant theoretical approaches; and some applications of this knowledge for teaching effective use of oral and written language to native and non-native speakers of English. *Not applicable toward an English minor, Creative Writing major or Humanities major. Prerequisite:* En 103. *First semester.*

**En 510** Advanced Grammar for TESOL (3 credits)

Concentration on areas of English grammar that are most important in teaching English as a second language. *Not applicable toward an English minor, Creative Writing major or Humanities major. Prerequisite:* En 509 and Li 301. *Second semester.*

**En 516** TESOL Methods (3 credits)

Theories of language acquisition and techniques for teaching oral and written English to students whose native language is not English. *Not applicable toward an English minor, Creative Writing major or Humanities major. Prerequisite:* En 509. *Second semester.*

**En 517** TESOL Practicum (3 credits)

Supervised structured experiences in a school setting with students whose native language is not English. School placement may be grades 6–8 or 9–12 (K–5 only if the student has had sufficient background in elementary education). Students will observe, tutor individuals and small groups, help the mentor teacher with various instructional activities, and teach at least three lessons to a class. *Not applicable toward an English minor, Creative Writing major or Humanities major. Prerequisite:* En 510 and En 516. *Second semester.*

**En 597** Field Work: TESOL (3 credits)

Practical experience teaching English as a second language in a foreign country. *Not applicable toward an English minor, Creative Writing major or Humanities major.*

## LINGUISTICS

### Li 301 Descriptive Linguistics (3 credits)

An introduction to phonology, morphology and syntax. Survey of current theoretical approaches. *May not be taken after Li 511 or Li 512. Prerequisite: En 103. First semester.*

### Li 302 Historical-Comparative Linguistics (3 credits)

An introduction to historical and comparative linguistics; the applications of linguistics to language study. *Prerequisite: Li 301 or Li 511. Second semester, even-numbered calendar years.*

### Li 305 Introduction to Translation & Interpreting (3 credits)

Theory and skills to equip translators and interpreters to communicate in a variety of settings (business, religious, legal, medical, literary) with an emphasis on practical application in settings such as a local or mission church. *Prerequisite: Li 301. Second semester, odd-numbered calendar years.*

### Li 408 History of the English Language (3 credits)

The English language from the time of earliest records, with emphasis on major external influences and internal changes that have shaped our present language. *Not applicable toward an English minor, Creative Writing major or Humanities major. Identical to En 508. Prerequisite: En 103. Second semester.*

### Li 511 Phonetics & Phonology (3 credits)

Phonetics: pronunciation of the sounds of world languages, with emphasis on natural and accurate production of the sounds. Phonology: how to discover the phonemes of a language (the sounds that can distinguish words) and their positional variants. Principles for using phonological information (1) to pronounce the language more accurately and (2) to devise a practical writing system for the language, if needed. *First semester, odd-numbered calendar years.*

### Li 512 Morphology & Syntax (3 credits)

Analyzing word-forms and grammatical constructions with regard to form (morphology and syntax), meaning (semantics) and use in context (pragmatics). Identification of form and meaning in data samples from many languages. Grammatical meanings. Major concepts of pragmatics, including speech acts and information structuring. *First semester, even-numbered calendar years.*

### Li 513 Field Methods (3 credits)

Application of linguistic skills in a field situation: working with a native speaker so as to analyze and learn the language. Includes extensive practice with a language helper. *Prerequisite: Li 301, Li 511 or Li 512. Second semester.*

### Li 520 Bible Translation (3 credits)

Principles and methodology, practical approaches to specific Bible translation problems, history and current trends, and details of current theories about equivalence. Analysis of meaning, including components of meaning and multiple senses. Overview of steps and procedures in an actual Bible translation project. *Six credits of Greek and six credits of Hebrew are strongly recommended. Summer, even-numbered calendar years.*

### Li 523 Discourse Analysis (3 credits)

System in language beyond the sentence level and how the discourse context often determines choices within sentences. Using knowledge of discourse phenomena both for increased understanding of texts and for clear and effective communication. Individually selected readings and projects related to biblical texts, receptor languages for Bible translation, and /or spoken/written discourse in students' native languages. *Second semester.*

## DIVISION OF WORLD LANGUAGES & CULTURES

### WORLD LANGUAGES & CULTURES

#### WLC 200 Global Fluency (3 credits)

Increasing ability to understand and cooperate with people across cultures and languages through an introduction to human language, an overview of several world languages, and practical activities to develop intercultural competence. Course includes the Intercultural Development Inventory and Intercultural Development Plan. *Intended for non-B.A. majors who do not take language courses. First semester.*

### CHINESE

#### Chn 121 Elementary Chinese I (3 credits)

Mandarin Chinese language and intercultural proficiency development in all modes of communication at the Novice level, including simplified characters. *Prerequisite: placement into Chn 121. First semester.*

#### Chn 122 Elementary Chinese II (3 credits)

Mandarin Chinese language and intercultural proficiency development in all modes of communication at the Novice level, including simplified characters, continued. *Prerequisite: Chn 121 or placement into Chn 122. Second semester.*

**Chn 221** Intermediate Chinese I (3 credits)  
Mandarin Chinese language and intercultural proficiency development in all modes of communication at the Intermediate level, including simplified characters. *Prerequisite: Chn 122 or placement into Chn 221. First semester.*

**Chn 222** Intermediate Chinese II (3 credits)  
Mandarin Chinese language and intercultural proficiency development in all modes of communication at the Intermediate level, including simplified characters, continued. *Prerequisite: Chn 221 or placement into Chn 222. Second semester.*

**Chn 300** Chinese Language Room (1 credit)  
No-English rooms in residence halls. Partial language immersion and target language projects. *Credit can be earned for up to three semesters. Prerequisite: Chn 222. Both semesters.*

## FRENCH

**Frn 101** Elementary French I (3 credits)  
French language and intercultural proficiency development in all modes of communication at the Novice level. *Not applicable toward a French major or minor. Prerequisite: placement into Frn 101. First semester.*

**Frn 102** Elementary French II (3 credits)  
French language and intercultural proficiency development in all modes of communication at the Novice level, continued. *Prerequisite: Frn 101 or placement into Frn 102. Second semester.*

**Frn 201** Intermediate French I (3 credits)  
French language and intercultural proficiency development in all modes of communication at the Intermediate level. *Prerequisite: Frn 102 or placement into Frn 201. First semester.*

**Frn 202** Intermediate French II (3 credits)  
French language and intercultural proficiency development in all modes of communication at the Intermediate level, continued. *Prerequisite: Frn 201 or placement into Frn 202. Second semester.*

**Frn 300** French Language Room (1 credit)  
No-English rooms in residence halls. Partial language immersion and target language projects. *Credit can be earned for up to three semesters. Prerequisite: Frn 202.*

**Frn 303** French Civilization to 1715 (3 credits)  
Survey of the history, geography, people and customs of France from earliest times to 1715. *Prerequisite: Frn 202. Second semester, odd-numbered calendar years.*

**Frn 304** French Civilization since 1715 (3 credits)  
Survey of the history, geography, people and customs of the French-speaking world from 1715 to the present. *Prerequisite: Frn 202. Second semester, even-numbered calendar years.*

**Frn 305** French Conversation (3 credits)  
French language and intercultural proficiency development with a special emphasis on the interpersonal mode of communication at the Advanced level. *Prerequisite: Frn 202. First semester.*

**Frn 306** French Composition (3 credits)  
Review of grammatical structures necessary for communication at the Advanced level with an emphasis on written presentational communication. *Prerequisite: Frn 202. Second semester.*

**Frn 307** Survey of French Literature to 1800 (3 credits)  
Strategies for reading, interpreting, and analyzing French literature from the earliest times through the 18th century. Proficiency target: Advanced. *Prerequisite: Frn 202. First semester, odd-numbered calendar years.*

**Frn 308** Survey of French Literature since 1800 (3 credits)  
Strategies for reading, interpreting, and analyzing French literature from the 19th century to the present. Proficiency target: Advanced. *Prerequisite: Frn 202. First semester, even-numbered calendar years.*

**Frn 479** French Capstone Seminar (1 credit)  
Completion of the senior capstone project. *Required of all students majoring in French. Not applicable toward a minor. Both semesters.*

**Frn 490** Special Topics in French (3 credits)  
In-depth analysis of a specific time period, cultural theme, literary genre or author. Proficiency target: Advanced to Superior. *Rotating-content course. Prerequisite: Frn 306.*

**Frn 495** Independent Study in French (3 credits)  
Completion of a research project, performance, service-based learning project or internship in French. Students must submit a proposal prior to receiving permission to enroll in this course. Proficiency target: Advanced to Superior.

**Frn 496** French Studies Abroad: Francophone Cultures (3 credits)  
On-location immersion course in a francophone country with emphasis on contemporary culture. Excursions to places of historical interest. Proficiency target: Advanced to Superior. *Prerequisite: Frn 202. Summer.*

**Frn 497** French Studies Abroad: French Communication (3 credits)

On-location immersion course in a francophone country with emphasis on oral and written communication.

Proficiency target: Advanced to Superior. *Prerequisite: Frn 202. Summer.*

## GERMAN

**Grm 111** Elementary German I (3 credits)

German language and intercultural proficiency development in all modes of communication at the Novice level. *Not applicable toward a German minor.*

*Prerequisite: placement into Grm 111. First semester.*

**Grm 112** Elementary German II (3 credits)

German language and intercultural proficiency development in all modes of communication at the Novice level,

continued. *Prerequisite: Grm 111 or placement into Grm 112. Second semester.*

**Grm 211** Intermediate German I (3 credits)

German language and intercultural proficiency development in all modes of communication at the Intermediate level.

*Prerequisite: Grm 112 or placement into Grm 211. First semester.*

**Grm 212** Intermediate German II (3 credits)

German language and intercultural proficiency development in all modes of communication at the Intermediate level,

continued. *Prerequisite: Grm 211 or placement into Grm 212. Second semester.*

**Grm 300** German Language Room (1 credit)

No-English rooms in residence halls. Partial language immersion and target language projects. *Credit can be earned for up to three semesters. Prerequisite: Grm 212. Both semesters.*

**Grm 310** German Composition (3 credits)

Review of grammatical structures necessary for communication at the Advanced and Superior levels with an emphasis on written presentational communication.

*Prerequisite: Grm 212 or placement into 300-level German. First semester.*

**Grm 312** German Conversation (3 credits)

German language and intercultural proficiency development with a special emphasis on the interpersonal mode of communication at the Advanced level.

*Prerequisite: Grm 212 or placement into 300-level German. Second semester.*

**Grm 495** Independent Study in German (3 credits)

Completion of a research project, performance, service-based learning project or internship in German. Students must submit a proposal prior to receiving permission to enroll in this course. Proficiency target: Advanced to Superior.

**Grm 499** Studies Abroad: Oral & Written German (3 credits)

On-location immersion course in Germany with emphasis on oral and written communication. Proficiency target:

Advanced to Superior. *Prerequisite: Grm 212 or placement into 300-level.*

## SPANISH

**Spn 141** Elementary Spanish I (3 credits)

Spanish language and intercultural proficiency development in all modes of communication at the Novice level. *Not applicable toward a Spanish major or minor or Spanish Education major.*

*Prerequisite: placement into Spn 141. First semester, Online.*

**Spn 142** Elementary Spanish II (3 credits)

Spanish language and intercultural proficiency development in all modes of communication at the Novice level,

continued. *Not applicable toward a Spanish major or minor or Spanish Education major. Prerequisite: Spn 141 or placement into Spn 142. Second semester, Online.*

**Spn 241** Intermediate Spanish I (3 credits)

Spanish language and intercultural proficiency development in all modes of communication at the Intermediate level.

*Prerequisite: Spn 142 or placement into Spn 241. First semester.*

**Spn 242** Intermediate Spanish II (3 credits)

Spanish language and intercultural proficiency development in all modes of communication at the Intermediate level,

continued. *Prerequisite: Spn 241 or placement into Spn 242. Second semester.*

**Spn 300** Spanish Language Room (1 credit)

No-English rooms in residence halls. Partial language immersion and target language projects. *Credit can be earned for up to three semesters.*

*Prerequisite: Spn 242 or placement into Spn 330 or Spm 331. Both semesters.*

**Spn 330** Spanish Conversation (3 credits)

Spanish language and intercultural proficiency development with a special emphasis on the interpersonal mode of communication at the Advanced level.

*Prerequisite: Spn 242 or placement into Spn 330. Both semesters.*

**Spn 331** Spanish Grammar & Composition (3 credits)

Review of grammatical structures necessary for communication at the Advanced and Superior levels with an emphasis on written presentational communication. .  
*Prerequisite: Spn 242 or placement into Spn 330 or Spn 331. First semester.*

**Spn 343** Civilization of Latin America (3 credits)

Study of the various social and cultural elements of contemporary Latin America as seen from sociological, historical, political and literary points of view. Proficiency target: Advanced. *Prerequisite: Spn 242 or placement into 330 or Spn 331. Second semester, odd-numbered calendar years.*

**Spn 344** Civilization of Spain (3 credits)

The history and culture of Spain from earliest times to the present. Proficiency target: Advanced. *Prerequisite: Spn 242 or placement into Spn 330 or Spn 331. Second semester, even-numbered calendar years.*

**Spn 380** Introduction to Hispanic Literature & Culture (3 credits)

Strategies for reading, interpreting, and analyzing Spanish and Latin American literature. Proficiency target: Advanced to Superior. *Prerequisite: Spn 242 or placement into Spn 330 or Spn 331. First semester.*

**Spn 442** Introduction to Spanish Linguistics (3 credits)

Introduction to Spanish historical and comparative linguistics. Study of Spanish phonology, phonetics, morphology, syntax, history of the language, and regional variation. Proficiency target: Advanced. *Prerequisite: Spn 331. First semester, even-numbered calendar years.*

**Spn 450** Business & Legal Spanish (3 credits)

Fundamentals of Spanish for law enforcement and business. Course will develop the interpreting skills necessary for performance as a Spanish/English interpreter in courts, state agencies and business enterprises. Proficiency target: Superior. *Prerequisite: Spn 331. Second semester, odd-numbered calendar years.*

**Spn 451** Medical Spanish (3 credits)

Fundamentals of Spanish for health professionals. This course will develop the interpreting skills necessary for performance as a Spanish/English interpreter in the medical arena. Proficiency target: Superior. *Prerequisite: Spn 331. Second semester.*

**Spn 479** Spanish Capstone Seminar (1 credit)

Completion of the senior capstone project. Proficiency target: Advanced to Superior. . *Required of all students majoring in Spanish or Spanish Education. Not applicable toward a minor. Both semesters.*

**Spn 480** Survey of Spanish Literature (3 credits)

The principle literary works of peninsular Spanish literature from the earliest time to the present. Proficiency target: Superior. *Prerequisite: Spn 331.*

**Spn 481** Spanish-American Literature (3 credits)

The principal literary works of Spanish America from the earliest times to present. Proficiency target: Superior. *Prerequisite: Spn 331.*

**Spn 490** Special Topics in Hispanic Literature & Culture (3 credits)

In-depth textual analysis of a specific genre, time period, theme or author within Peninsular or Latin American Literature. Proficiency target: Superior. *Rotating-content course. Prerequisite: Spn 331.*

**Spn 495** Independent Study: Spanish for Specific Purposes (3 credits)

Completion of a research project, performance, service-based learning project or internship in Spanish. Students must submit a proposal prior to receiving permission to enroll in this course. Proficiency target: Advanced to Superior.

**Spn 496** Studies Abroad: Spanish Culture (3 credits)

On-location immersion course in a Spanish-speaking country with emphasis on contemporary culture. Excursions to places of historical interest. Proficiency target: Advanced to Superior. *Prerequisite: Spn 242. Corequisite: Spn 497. Summer.*

**Spn 497** Studies Abroad: Spanish Communication (3 credits)

On-location immersion course in a Spanish-speaking country with an emphasis on proficiency development in all modes of communication. Proficiency target: Advanced to Superior. *Prerequisite: Spn 242. Corequisite: Spn 496. Summer.*

**Spn 499** Studies Abroad: Spanish Service Learning (3 credits)

On-location study of language and culture with emphasis on cross-cultural service-learning projects in Spanish-speaking communities. Proficiency target: Advanced. *Prerequisite: Spn 242.*



## DIVISION OF NATURAL SCIENCE

### GENERAL SCIENCE

#### Sc 103 Biological Science (3 credits)

This course is designed to develop the biology concepts taught in elementary school. The emphasis of the class is on habitat and how organisms are adapted to various environments. The topics include the nature of science, cell structure, microbes, fungi, plant structure, invertebrates, vertebrates, mitosis, meiosis, DNA and the logical structure of various evolutionary theories. *Not applicable toward a major or minor in the Division of Natural Science or Science Education major. Both semesters.*

#### Sc 105 Chemical & Physical Science (3 credits)

The more essential and practical phases of chemistry, physics, geology, astronomy and meteorology. *Not applicable toward a major or minor in the Division of Natural Science or Science Education major. Both semesters.*

#### Sc 193 Biological Science Laboratory (1 credit)

A laboratory course covering some essential aspects of basic organism and cell biology. This course can act as a standalone general elective for anyone interested in science or as a companion course for Sc 103 Biological Science. *Not applicable toward a major or minor in the Department of Biology or Science Education major. Both semesters.*

#### Sc 195 Chemical & Physical Science Laboratory (1 credit)

A laboratory course covering some essential aspects of chemistry, physics, astronomy and geology. This course can act as a standalone general elective for anyone interested in science or as a companion course for Sc 105 Chemical & Physical Science. *Not applicable toward a major or minor in the Department of Chemistry & Physics or Science Education major. Both semesters.*

#### Sc 200 Essential Science (3 credits)

A biblical and conceptual view of science applied to important issues including cosmology, creation/evolution and the environment. *Not applicable toward a major in the Division of Natural Science or Science Education major. Prerequisites: Math ACT 18 or above, or Math SAT 520 or above or Ma 080. Both semesters, Online.*

#### Sc 201 Science: Impact on Society (3 credits)

An examination of the ethical, human and environmental implications of science and technology with an emphasis on current science-based public policy issues. *Both semesters.*

#### Sc 203 STEM Study Abroad (3 credits)

A combination of lectures and field trips to scientifically and technologically relevant sites, with the opportunity to interact with local scientists and professionals in the STEM fields. *Summer.*

#### Sc 207 General Geology (3 credits)

The general composition, structure and processes of the earth. *Not applicable toward a major or minor in the Division of Natural Science. Lecture and lab. Second semester, odd-numbered calendar years.*

### DEPARTMENT OF BIOLOGY

#### Bio 100 General Biology I (4 credits)

An introduction to the fundamental concepts of biology at the cell and molecular levels, with an emphasis on the Christian philosophy of science and the scientific method. Topics include macromolecular structure and function, metabolism, eukaryotic cell structure and function, the cell cycle, principles of transmission genetics, and the encoding and expression of information in cells. *Lecture and lab. Excludes: Bio 102. Both semesters.*

#### Bio 101 General Biology II (4 credits)

A continuation and development of the fundamental concepts of biology at the cellular and organismal levels. Topics include meiosis, sexual life cycles, embryonic development, transmission genetics, cellular respiration and photosynthesis, taxonomy, and ecology. Biblical and scientific responses to the theory of evolution are introduced. *Lecture and lab. Prerequisite: Bio 100. Second semester.*

#### Bio 102 Principles of Biology (4 credits)

This course is designed for most majors in the School of Health Professions. An introduction to the fundamental concepts of biology on the structural and cellular levels. Topics include the nature of science, elementary chemistry and biochemistry, structure of the cell, cellular respiration, mitosis, meiosis, principles of inheritance, transcription, translation, and the logical structure of the various evolutionary theories. *Lecture and lab. Not applicable toward a Biology or Premed/Preudent major. Excludes: Bio 100. Both semesters.*

#### Bio 103 Fundamentals of Biology (3 credits)

Majors-level introductory biology without a lab, open to all students and required for Chemistry majors. An

introduction to the fundamental concepts of biology at the cell and molecular levels, with an emphasis on the Christian philosophy of science and the scientific method. Topics include macromolecular structure and function, metabolism, eukaryotic cell structure and function, the cell cycle, principles of transmission genetics, and the encoding and expression of information in cells. *Not applicable toward a Biology, Premed, or Biochemistry & Molecular Biology major and does not serve as a substitute for Bio 100 or Bio 102. Both semesters.*

**Bio 104** Introduction to Biotechnology (3 credits)

An introduction to biotechnologies and innovative applications in the life science industry. Includes interactions with professionals from local research centers and corporations operating in the sector. Emphasis will be given to the application of natural and synthetic molecules in medicine, bioremediation, biological control, and the use of informatics applied to natural science. *Lecture only. Prerequisite: Bio 100. Second semester.*

**Bio 203** Biological Diversity (4 credits)

Fundamentals and development of core issues in biodiversity through a combination of discussions, readings, writings, and hands-on activities both in the field and through molecular techniques. Emphasizes the study of plants, bacteria, fungi, invertebrates, and vertebrates. *Lecture only. Prerequisite: Bio 101. Second semester.*

**Bio 208** Organismal Biology I (3 credits)

A discussion and analysis of contemporary issues in organismal biology. Topics include the impact of human activities on natural resources, and genetic modifications. Emphasizes the study of plants, bacteria, and fungi in connection to structure, function and basic physiology. *Lecture only. Prerequisite: Bio 101. First semester.*

**Bio 209** Organismal Biology II (3 credits)

An introduction to animals including aspects of their classification, physiology, ecology, life history and behavior. *Prerequisite: Bio 208. Second semester.*

**Bio 210** Foundations of Biological Investigation (3 credits)

A discussion of the scientific method and its use within the Biblical worldview. The formulation of scientifically testable hypotheses from initial observations as well as the design and execution of appropriate experiments will be central topics. Since accurate communication within the scientific enterprise is essential, writing reports describing one's findings in journal article format, and critically evaluating the research studies of others published in the biological literature will be covered. Required of all students majoring in Biology. *Prerequisite: Bio 100. Second semester.*

**Bio 220** Medical Terminology (1 credit)

An introduction to medical terms through an analysis of their construction including prefix, suffix, root, connecting and combining forms. Medical terminology applicable to structure, function, pathology and procedures related to the human body. Topics include cells and tissues and the major body systems. *Prerequisite: Bio 100 or Bio 102. First semester.*

**Bio 300** Evolution & Origins (3 credits)

Philosophical and biological evaluation of the theories of evolution, the intelligent design movement and special creation. Topics include natural selection, genetic drift, adaptation, genetic variation, speciation, macroevolution, geological time scale, historical Adam, and the beginning of life. Theological implications of each theory are discussed and a creationary model of the diversity of life is explored. *Lecture only. Prerequisite: Bio 101. First semester.*

**Bio 301** Invertebrate Zoology (4 credits)

Biology of invertebrates with a focus on homeostasis, environment, structure and function. Emphasis is placed on thinking like an invertebrate zoologist. *Lecture and lab. Prerequisite: Bio 209. First semester.*

**Bio 302** Developmental Biology (4 credits)

Gametogenesis, fertilization and embryological development of major model organisms (insects, amphibians, fish, birds, mammals) as well as humans. Major topics include developmental genetics, cell-cell communication, patterning, morphogenesis, organogenesis, nervous system development, growth, regeneration, and environmental developmental biology. Bioethical issues in developmental biology are also explored. *Prerequisite: Bio 305. Second semester.*

**Bio 303** Human Anatomy & Physiology I (4 credits)

Organization of the human body; tissues; integumentary, skeletal, muscular and nervous systems; and sense organs *Lecture and lab. Prerequisite: Bio 100 or 102. Second semester.*

**Bio 304** Human Anatomy & Physiology II (4 credits)

Endocrine, circulatory, lymphatic, respiratory and digestive systems; nutrition and metabolism; fluid and acid-base balance; urinary and reproductive systems. *Lecture and lab. Prerequisite: Bio 303. First semester.*

**Bio 305** Essentials of Cell Biology (4 credits)

Fundamentals of the molecular basis of cellular structure and function with emphasis on the interdependence of major molecular processes. Topics include the cellular roles of DNA, RNA and protein; genetic regulation and repair; membrane structure and function; organellar systems; cytoskeleton and cell movement; energy generation in the organellar context, and cell cycle and controls. Laboratory

investigation of cellular and molecular phenomena. Lecture and lab. *Prerequisite: Bio 101. Corequisite: Chm 103. First semester.*

**Bio 306** Systematics (4 credits)

Taxonomic techniques and philosophical assumptions of various natural and artificial approaches to classification including baraminology. Natural history of vertebrate taxa with emphasis on mammals, reptiles and amphibians. Classification of vascular plants. Use of identification keys, experience in recognizing plant and animal species in the field, techniques used in collecting and preparing herbarium/museum specimens, and consideration of relevant scientific literature. *Prerequisite: Bio 209.*

**Bio 307** Vertebrate Zoology (4 credits)

Introduction to vertebrate zoology including aspects of their anatomy and physiology, ecology, life history and behavior. *Lecture and lab. Prerequisite: Bio 209. Second semester.*

**Bio 308** Microbiology for Health Science (4 credits)

The form, structure, reproduction, physiology, metabolism, identification and control of microorganisms, with emphasis on the bacteria. Consideration is also given to the basic principles of immunology and serology. *Lecture and lab. Not applicable toward Biochemistry and Molecular Biology, Biology or Premed/Preudent majors. Prerequisite: Bio 100 or Bio 102. Second semester.*

**Bio 309** Plant Physiology (4 credits)

A trans-disciplinary approach to the study of physiological and molecular aspects of plant biology, built around student-led research projects on the response of plants to abiotic and biotic stressors. Emphasizes the study of the mechanisms that regulate plant-plant, plant-microbes, and plant-soil interactions. *Lecture and Lab. Prerequisite: Bio 203 or Bio 208. Second semester.*

**Bio 320** Human Physiology & Anatomy I (4 credits)

A consideration of the major principles of human physiology with an emphasis on homeostatic mechanisms. Emphasis is given to cellular transport, chemical signaling, neuronal signaling and sensory physiology, mechanisms of muscle contraction and the control of body movement. Laboratory investigation of physiological phenomena augmented by human cadaver dissection. *Lecture and lab. Prerequisite: Bio 305. First semester.*

**Bio 321** Human Physiology & Anatomy II (4 credits)

A continuation of Bio 320. Emphasis is given to hormonal signaling and control; cardiovascular and respiratory physiology; digestion; absorption; excretion and water balance; metabolism; energy balance and temperature

regulation; and reproductive physiology. Laboratory investigation of physiological phenomena augmented by human cadaver dissection. *Lecture and lab. Prerequisite: Bio 320. Second semester.*

**Bio 322** General Microbiology (4 credits)

The biology of prokaryotes and viruses with emphasis on their structure and physiology. This course is based substantially on the key concepts and associated learning outcomes recommended by the American Society for Microbiology. Topics include diversity, environmental importance and interaction with humans, human attempts to control and harness them. Consideration is given to basic immunology and principles of infectious disease. Laboratory work focuses on the metabolism, identification, and physiology of bacteria. *Lecture and lab. Prerequisite: Bio 305. Second semester.*

**Bio 330** Biostatistics (3 credits)

An introductory biostatistics course covering the basics of statistics as applied to biological and medical problems. The student is introduced to how to determine what test is appropriate to apply to a given problem as well as how to interpret the outputs of a standard statistical software package (JMP®, SAS Institute). Specific topics include the basics of sampling, descriptive statistics, frequency distributions, inferential statistics, and hypothesis testing. In addition, statistical methods on frequency data (Chi square, odds ratios and relative risk), on differences between two samples (t test) and between more than two samples (ANOVA), tests of relationship (correlation and regression, linear, logistic, and nonlinear), the Generalized Linear Model, and survival analysis are covered. *Prerequisite: Ma 103 or higher and Bio 210. Both semesters.*

**Bio 400** Parasitology (4 credits)

The biology and ecology of protozoan and helminthic parasites that infect humans and animals. Emphasis will be placed on parasites that affect human welfare, including human and veterinary medicine. Parasite life cycle, pathogenicity, epidemiology, ecology and immunity will be the focus of both lecture and lab. *Lecture and lab. Prerequisite: Bio 209. Second semester, odd-numbered calendar years.*

**Bio 401** Ecology (4 credits)

Biotic and abiotic interactions between organisms and their environments, and the consequences of these interactions for population dynamics, community structure, and the flow of energy and matter through ecosystems. Environmental issues and conservation are also discussed. *Lecture and lab. Prerequisite: Bio 209. First semester.*

**Bio 402** General Entomology (4 credits)

Morphology, physiology, life histories and economic importance of insects; emphasis on classification.

*Lecture and lab. Prerequisite: Bio 209.*

**Bio 403** Histology (4 credits)

Microscopic structures of the tissues of the human body, utilizing prepared slides and emphasizing the relationship of structure to function. Basic tissues are stressed along with topics in immunology and organology. *Lecture and lab.*

*Prerequisite: Bio 305. First semester.*

**Bio 404** Immunology (3 credits)

Introduction to basic immunobiology and immunochemistry. The role of innate and acquired immunity, specifically the cellular and molecular features in the humoral and cell-mediated functions in the human body.

*Prerequisite: Bio 305. First semester.*

**Bio 405** Genetics (4 credits)

A detailed examination of transmission genetics, molecular genetics, epigenetics, and genomics. Units include: heredity and phenotype; genome structure, content, and variation; genome replication, maintenance, and change; the central dogma of molecular biology; and control of gene expression. Lab focuses on transmission genetics and linkage, and molecular techniques for manipulating and analyzing DNA.

*Lecture and lab. Prerequisite: Bio 305. First semester.*

**Bio 406** Advanced Cell & Molecular Biology (4 credits)

A detailed treatment of certain aspects of the molecular biology of eukaryotic cells. Topics include: nuclear organization, regulation of gene expression, chromosome structure, DNA repair, vesicular transport, protein sorting, compartmentation, cell signaling, developmental biology and cancer. Laboratory investigation of cellular and molecular phenomena. *Lecture and lab. Prerequisite: Chm 405.*

*Second semester.*

**Bio 407** Animal Behavior (4 credits)

An introduction to animal behavior. Basic principles derived from ecology, ethology and cell biology will be employed to explain how (proximate questions) and why (ultimate questions) animals behave as they do in particular situations. The course will focus on important biological activities such as foraging, communication, migration, predator-prey interactions, mating and parental care. *Lecture and lab.*

*Prerequisite: Bio 209. Second semester.*

**Bio 409** Independent Study (1 credit)

The selection of a problem chosen in consultation with the research director (and other possible collaborating biology faculty), followed by the execution of a detailed literature survey and composition of a hypothesis-driven research

proposal addressing some aspect of the chosen problem.

*Prerequisite: Bio 330. Both semesters.*

**Bio 410** Independent Study (1 credit)

A continuation of Bio 409. Experimental execution of the proposal from Bio 409 or some research project chosen in consultation with the research director culminating in a paper or poster of the results. *Prerequisite: Bio 409. Both semesters.*

**Bio 411** Research in Biology I (4 credits)

A full-time summer research project on a biological research problem chosen by the research director. A study of the current scientific literature, as well as extensive experimentation culminating in a comprehensive paper in journal article format and/or an oral presentation thereof. Successful completion of Bio 411 can substitute for Bio 409/410. *Prerequisite: Bio 330. Summer.*

**Bio 412** Research in Biology II (4 credits)

A full-time summer research project on a biological research problem chosen by the research director. A study of the current scientific literature, as well as extensive experimentation culminating in a comprehensive paper in journal article format and/or an oral presentation thereof. *Prerequisite: Bio 411. Second semester, Summer.*

**Bio 413** Biotechnology Research (2 credits)

A research project on a biological research problem chosen by the student together with the faculty who supervises the project. A study of the current scientific literature, as well as laboratory work culminating in a comprehensive paper in journal article format and an oral presentation thereof. *Prerequisite: Bio 330. Both semesters, Summer.*

**Bio 414** Research in Biotechnology (3 credits)

A research project on a biological research problem chosen by the student together with the faculty who supervises the project. A study of the current scientific literature, as well as laboratory work culminating in a comprehensive paper in journal article format and an oral presentation thereof. *Prerequisite: Bio 330. Both semesters, Summer.*

**Bio 415** Molecular Eco-systems Biology (4 credits)

A treatment of aspects of molecular biology applied to the study of ecosystem processes in response to external and internal stimuli. Topics include: genetic and functional diversity, organismal molecular physiology, and notions of bioinformatics. *Lecture and lab. Prerequisite: Bio 203 or Bio 305. First semester.*

**Bio 490** Student Medical Internship (1 credit)

Students observe physicians as they practice medicine in hospital or medical office settings. Forty hours of direct observation are required. Weekly written reports detailing observations are

required. A final paper of 2,000 words or more reflecting on the knowledge and perspective gained through the observations is required. *Prerequisite: Bio 320. Corequisite: Bio 321. Both semesters.*

## DEPARTMENT OF CHEMISTRY AND PHYSICS

### CHEMISTRY

#### **Chm 103** General Chemistry I (4 credits)

An introduction to stoichiometry, types of chemical reactions, gases, thermochemistry, atomic structure, periodic properties of elements and bonding. *Lecture and lab. Prerequisite: Ma 103 or placement into Ma 105 or Ma 200. First semester.*

#### **Chm 104** General Chemistry II (4 credits)

Intermolecular forces, colligative properties, chemical kinetics, equilibrium, acids and bases, solubility equilibria, thermodynamics and electrochemistry. *Lecture and lab. Prerequisite: Chm 103. Second semester.*

#### **Chm 105** Foundations of Chemistry (4 credits)

Introduction to general, organic, and biological chemistry necessary for allied health majors. Measurement, problem-solving, matter, radioactivity, bonding, organic functional groups, chemical reactions, gases, attractive forces, solutions, acids and bases, carbohydrates, proteins, and metabolism. *Lecture and lab. Both semesters.*

#### **Chm 106** Bio-Organic Chemistry (4 credits)

Introduction to organic chemistry and biochemistry. Introduction to nomenclature, reactions, and properties of organic and biochemical molecules. *Prerequisite: Chm 103 or Chm 105.*

#### **Chm 107** Chemistry for Engineers (3 credits)

Introduction to chemical reactions, gases, atomic structure, bonding, thermodynamics, kinetics, equilibrium and electrochemistry. *Prerequisite: placement into Ma 105 or Ma 103. Second semester.*

#### **Chm 116** Introduction to Biochemical Metabolism (4 credits)

A study of catabolic and anabolic pathways involving proteins, carbohydrates, and lipids. Context involving basic organic chemistry and the role of genetics are discussed as needed. *Lecture and lab. Not applicable toward a minor. Prerequisite: Chm 105. Second semester.*

#### **Chm 203** Organic Chemistry I (4 credits)

Covalent bonding theory, acid-base concepts, Lewis

structures, alkanes, alkenes, alkynes, alcohols, ethers, epoxides, alkyl halides, stereochemistry and reaction mechanisms. *Lecture and lab. Prerequisite: Chm 104 or Chm 106. First semester.*

#### **Chm 204** Organic Chemistry II (4 credits)

Aromatic compounds, aldehydes, ketones, carboxylic acids and their derivatives, amines, carbohydrates, nuclear magnetic resonance spectroscopy and infrared spectroscopy. *Lecture and lab. Prerequisite: Chm 104 or Chm 106 and Chm 203 or Chm 206. Second semester.*

#### **Chm 206** Essential Organic Chemistry (4 credits)

A one-semester logical bridge from general chemistry to biochemistry with specific focus on biologically pertinent organic reaction mechanisms built on the fundamentals of functional group structures, bonding theories, and their physical and chemical characteristics. *Lecture and lab. Not applicable to Chemistry or Biochemistry & Molecular Biology majors. Prerequisite: Chm 104. First semester.*

#### **Chm 207** Analytical Chemistry (4 credits)

The separation and analysis of chemical substances. Spectroscopy, electrochemistry, chromatography, gravimetric and volumetric analysis. *Lecture and lab. Prerequisite: Chm 104. Second semester.*

#### **Chm 301** Introduction to Molecular Modeling (2 credits)

Relationship between potential energy surfaces and molecular structure, energy minimization, conformation searching and other key molecular modeling concepts. Emphasis is on gaining a deeper understanding of chemistry by using modern computer software to perform computations based on molecular mechanics, semi-empirical MO and *ab initio* MO computational methods. *Prerequisite: Chm 204. Second semester.*

#### **Chm 303** Physical Chemistry I (4 credits)

Phenomenological thermodynamics, gas laws, statistical mechanics, phase changes in pure substances and simple mixtures. *Lecture and lab. Prerequisite: Chm 204, Ma 202 and Phy 202. First semester, even-numbered calendar years.*

#### **Chm 304** Physical Chemistry II (4 credits)

Phase diagrams, equilibrium, electrochemistry, rotational and vibrational spectroscopy, phenomenological chemical kinetics, reaction mechanisms and photochemistry. *Lecture and lab. Prerequisite: Chm 303. Second semester, odd-numbered calendar years.*

#### **Chm 403** Research in Chemistry I (2 credits)

Team-based literature work requiring the writing of a proposal to do original laboratory research. *Prerequisite: Chm 204. First semester.*

**Chm 404** Research in Chemistry II (2 credits)

Laboratory implementation of the original research project proposed in Chm 403. Team-based. Requires final written and oral reports. *Prerequisite: Chm 403. Second semester.*

**Chm 405** Biochemistry I (4 credits)

Molecular structure and function of biomolecules focused on nucleic acids, enzymes and other proteins, and membrane components. *Lecture and lab. Prerequisite: Chm 204 or Chm 206. First semester.*

**Chm 406** Biochemistry II (4 credits)

Biosignaling, carbohydrates, metabolism and energetics of glucose, lipids and amino acids; the citric acid cycle; oxidative phosphorylation; photosynthesis; and regulation of metabolism. *Lecture and lab. Prerequisite: Chm 405. Second semester.*

**Chm 408** Advanced Organic Chemistry (3 credits)

Further study in the structure and reaction mechanisms of organic compounds, including their relationships to bonding theory, stereochemical principles and thermodynamics. *Prerequisite: Chm 204.*

**Chm 409** Inorganic Chemistry (4 credits)

Atomic structure, molecular orbital theories, bonding and structure of coordination compounds, and acid-base chemistry. *Lecture and lab. Prerequisite: Chm 204 and Ma 202. First semester, odd-numbered calendar years.*

**Chm 413** Advanced Research in Chemistry I (4 credits)

A chemistry research project is chosen in consultation with the faculty. Laboratory work culminates in both a journal-style paper and an oral presentation. Successful completion of Chm 413 can substitute for both Chm 403 and Chm 404. *Prerequisite: Chm 204 and permission of department head.*

**Chm 414** Advanced Research in Chemistry II (4 credits)

A continuation of Chm 413. Full-time laboratory research culminates in both a journal-style paper and an oral presentation. *Prerequisites: Chm Ch 404 or Chm 413 and permission of department head.*

**Chm 418** Instrumental Analysis (4 credits)

Fundamentals of chemical instrumentation and its application to atomic and molecular spectroscopy and separation methods. *Lecture and lab. Prerequisite: Chm 204 or Chm 206. Second semester, even-numbered calendar years.*

**ASTRONOMY****Ast 150** Solar System Astronomy (3 credits)

The history of astronomy, time-keeping, astronomical coordinates, the motion of celestial bodies, astronomical instruments and their use, properties of light, planetary geology, comets, meteors and asteroids. *Lecture and lab. First semester.*

**Ast 151** Stellar & Galactic Astronomy (3 credits)

The study of the structure and aging of stars and star clusters. The course also includes a survey of galaxies and galaxy clusters. The large-scale structure of the universe is discussed. Worldview issues are regularly discussed. *Lecture and lab. Second semester, even-numbered calendar year.*

**Ast 303** Observational Astronomy (2 credits)

Study of the methods for the collection and analysis of astronomical data. *Prerequisite: Phy 202.*

**Ast 490** Research in Astronomy (1 credit)

Research project in astronomy under faculty supervision. *Both semesters.*

**PHYSICS****Phy 101** Introductory Physics (4 credits)

Kinematics, dynamics, statics, and conservation of energy, conservation of momentum, rotational motion, hydrostatics, introduction to thermal physics. *Lecture and lab. Corequisite: Ma 103. First semester.*

**Phy 102** Intermediate Physics (4 credits)

Rotation, wave motion, fluids, heat, thermodynamics, electricity, magnetism and optics. *Lecture and lab. Prerequisite: Phy 101. Second semester.*

**Phy 201** General Physics I (4 credits)

Mechanics (including forces, kinematics, dynamics, rotational motion, fluids and wave motion) and thermodynamics. *Lecture and lab. Corequisite/ Prerequisite: Ma 200. First semester.*

**Phy 202** General Physics II (5 credits)

Electricity and magnetism including capacitance, resistance, DC circuits, Magnetic fields, magnetic induction, AC circuits, Maxwell's equations, electromagnetic waves, properties of light, optical images, interference and diffraction. *Lecture and lab. Corequisite/Prerequisite: Ma 202. Prerequisite: Phy 201. Second semester.*

**Phy 303** Experimental Physics [2 credits]  
Methods of experimental and computational physics. Numerical modeling, advanced experimental design and data analysis, and problems in computational physics. Focus on scientific writing, presentations, and the professional scientific process. *Prerequisite: Phy 202. Second semester, odd-numbered calendar years.*

**Phy 308** Electromagnetism [3 credits]  
Electrostatic and magnetostatic applications of divergence, gradient, and curl, dielectrics and dielectric media, field boundary value problems, with applications to engineering. *Identical to Eng 308. Prerequisite: Ma 301 and Phy 202. First semester.*

**Phy 356** Mechanics I [3 credits]  
History of the development of mechanics, vector analysis, Newtonian mechanics, oscillatory motion, noninertial motion and celestial mechanics. Problem solving is emphasized. *Prerequisite: Ma 301 and Phy 202. First semester, odd-numbered calendar years.*

**Phy 357** Mechanics II [3 credits]  
Rotational dynamics, dynamics of systems, rocket physics, mechanics of rigid bodies, Lagrangian and Hamiltonian mechanics and oscillating systems. Problem solving is emphasized. *Lecture and lab. Prerequisite: Phy 356. Second semester, even-numbered calendar years.*

**Phy 402** Thermodynamics & Statistical Mechanics [3 credits]  
Collisional and transport properties of gases; conservation of energy; ideal gas energetics; enthalpy, entropy, and free energy calculations; statistical mechanics; heat engines. *Prerequisite: Ma 301 and Phy 202. First semester, odd-numbered calendar years.*

**Phy 403** Optics [3 credits]  
Geometrical and physical optics for understanding theoretical and practical aspects of modern optical technology. Studies include laser fundamentals, holography, photonics, image processing and optical test devices. *Lecture and lab. Prerequisite: Phy 202. Second semester, odd-numbered calendar years.*

**Phy 408** Modern Physics [3 credits]  
Historical development of Modern Physics beginning with special relativity, including important topics from quantum physics, atomic structure and models, the hydrogen atom, molecules, solids, nuclear physics, lasers, elementary particles, statistical mechanics, astrophysics, cosmology, etc. *Lecture and lab. Prerequisite: Phy 202. First semester, even-numbered calendar years.*

**Phy 409** Introduction to Quantum Mechanics I [3 credits]  
Review of the history of Quantum Theory. The uncertainty principle, the Schrödinger equation, the free particle, square well potentials, harmonic oscillator, the hydrogen atom, angular momentum and other selected wave mechanics problems. *Prerequisite: Ma 301 and Phy 202. First semester, odd-numbered calendar years.*

**Phy 410** Introduction to Quantum Mechanics II [3 credits]  
Many-particle quantum physics, electric and magnetic field effects, perturbation theory and the variational principle, band theory of solids, and applied computational techniques. Special topics including quantum technologies. *Prerequisite: Phy 409. Second semester, even-numbered calendar years.*

**Phy 490** Research in Physics I [1 credit]  
Development of research proposal for original experimental or computational research project. *Prerequisite: Minimum six credits of physics on 300/400-level. First semester.*

**Phy 497** Research in Physics II [1 credit]  
Implementation and reporting for proposal developed in Phy 490. *Prerequisite: Phy 490. Second semester.*

**Phy 498** Advanced Research in Physics I [4 credits]  
Full-time research project chosen in consultation with faculty. Research culminates in a journal-style paper and an oral presentation. Successful completion of Phy 498 can substitute for both Phy 490 and Phy 497.

**Phy 499** Advanced Research in Physics II [4 credits]  
Full-time research culminates in both a journal-style paper and an oral presentation. *Prerequisite: Phy 498.*

## DEPARTMENT OF ENGINEERING

### CIVIL ENGINEERING

**CE 301** Environmental Engineering [3 credits]  
Introduction to fundamental concepts and applications of engineering principles to environmental topics such as water resources, environmental chemistry, water and wastewater treatment, pollution and sustainability. *Lecture and field experience. Prerequisite: Chm 107. First Semester.*

**CE 302** Structural Analysis [3 credits]  
Analysis of statically determinate and indeterminate structures to determine support reactions, internal member forces, shear and moment diagrams and structural displacements. *Prerequisite: Mch 200. Second semester.*

**CE 403** Hydraulic Engineering (3 credits)

Analysis and design of hydraulic engineering systems such as piping and pipe networks, open channels, water pumps, dams and weirs. *Lecture and lab. Prerequisite: Mch 201, Ma 301. First semester.*

**CE 404** Geotechnical Engineering (3 credits)

Introduction to geotechnical engineering and mechanical and physical properties of soils and their relation to soil action in problems of engineering, such as classification, compaction, shear strength, consolidation and bearing capacity. *Prerequisites: Mch 200. Second semester.*

**CE 406** Structural Design (3 credits)

Design of steel and reinforced concrete structural components using the Load and Resistance Factor Design (LRFD) method. Includes a capstone team student design project. *Prerequisite: CE 302 and Eng 310. Second semester.*

**ELECTRICAL ENGINEERING****Ele 110** Digital Electronics (3 credits)

A study of digital components, including gates, flip flops, registers, arithmetic circuits, memory devices and PLDs. Includes a study of Boolean algebra, simplification techniques and HDL-based design. *Lecture and lab. Both semesters.*

**Ele 205** Basic Circuit Analysis I (3 credits)

Fundamentals of DC circuits. Ohm's Law, circuit theorems, nodal and mesh analysis, capacitors and inductors. First and second order transient response. *Lecture and lab. Prerequisite: Ma 200. Corequisite: Ma 202. First semester.*

**Ele 206** Basic Circuit Analysis II (3 credits)

Fundamentals of AC circuits. Sinusoids, phasors, AC power, three phase circuits, magnetically coupled circuits and frequency response. Laplace impedance methods. *Lecture and lab. Prerequisite: Ele 205. Second semester.*

**Ele 301** Electronic Devices & Circuits (3 credits)

A study of microelectronic devices and circuits using circuit analysis, simulation, and experiments: operational amplifiers, semiconductor properties, junctions, bipolar junction transistors, field effect transistors and other devices with applications in audio, power, digital electronics, and integrated circuits; includes design project. *Lecture and lab. Prerequisite: Ele 206. First semester.*

**Ele 303** Electrical Power & Machines (3 credits)

A study of AC and DC machines, energy conversion and transmission of energy. *Prerequisite: Ele 206. Second semester.*

**Ele 404** Microprocessor Interfacing (3 credits)

Hardware characteristics of microprocessors. Design of interfaces including memory, I/O, timers, DMA, interrupt controllers, A/D & D/A conversions. *Lecture and lab. Prerequisite: Ele 110 and CpS 110. Second semester.*

**Ele 407** Signals & Communication Systems (3 credits)

Continuous and discrete signals and systems. Laplace transforms. Fourier series and Fourier transforms. *Lecture and lab. Prerequisite: Ele 206. First semester.*

**GENERAL ENGINEERING****Eng 101** Introduction to Engineering (3 credits)

An introduction to the field of engineering, to the design process, and to common engineering tools and techniques including programming, 3D CAD, and applied Finite Element Analysis. *First semester.*

**Eng 210** Computer Aided Design in Engineering (3 credits)

Introduction to CAD tools for prototyping, analyzing and communicating solutions to engineering problems. Lab class. *Prerequisite: Eng 101. Both semesters.*

**Eng 308** Electromagnetics I (3 credits)

Electrostatic and magnetostatic applications of divergence, gradient, and curl, dielectrics and dielectric media, field boundary value problems, with applications to engineering. *Identical to Phy 308. Prerequisite: Ma 301 and Phy 202. First semester.*

**Eng 309** Electromagnetics II (3 credits)

Magnetostatics, magnetic properties, induction, Maxwell's equations, propagation of electromagnetic radiation. *Prerequisite: Eng 308 or Phy 308 Second semester.*

**Eng 310** Materials Engineering (3 credits)

The structure-property relationship in materials including metals, ceramics, semiconductors, polymers and composites building progressively from electrons to atomic structure to bonding to crystal structures. The deliberate use of defects to alter material properties. *Lecture and Lab. Prerequisite: Chm 107 and Mch 200 Second semester.*

**Eng 405** Design Problems (3 credits)

Study of the design process. Design and fabrication of a device or system chosen by the student and approved by the instructor. Includes both written and oral design reports. *Prerequisite: Approval of department chairman. Both semesters.*

**Eng 406** Mechatronics (3 credits)

Characteristics and design of computerized



electromechanical systems including robots. Lab includes a large interdisciplinary group design project. *Lecture and lab.*  
*Prerequisite: Mch 200 First semester.*

**Eng 408** Linear Control Systems (3 credits)

Topics include system representation, time and frequency response, stability and application of state variables. *Lecture and lab.* *Prerequisite: Ele 206. Corequisite: Ma 406. Second semester.*

**Eng 450** Engineering Internship (3 credits)

A professional engineering work experience of at least 120 hours including readings, reports, interviews and evaluations. *Not applicable toward a major. Both semesters, Summer.*

## MECHANICAL ENGINEERING

**Mch 200** Statics & Strength of Materials (3 credits)

Forces on structures, moments and equilibrium. Free body diagrams and analysis; structural analysis. Stresses and deformation in axially-loaded members, torsion members and beams. Simple beam design. *Prerequisite: Phy 201 First semester.*

**Mch 201** Engineering Dynamics (3 credits)

Kinematics and kinetics of particles, systems of particles and rigid bodies using vector analysis. Energy and momentum methods. *Prerequisite: Mch 200 Second semester.*

**Mch 303** Engineering Thermodynamics (3 credits)

Comprehensive presentation of classical principles of thermodynamics from an engineering perspective. Introduces and develops understanding of mass, energy, heat, work, efficiency, entropy, reversibility, and ideal and real thermodynamic cycles and processes. Teaches first and second laws of thermodynamics and introduces power and refrigeration cycles. Lays the foundation for subsequent courses in fluid mechanics and heat transfer. *First semester.*

**Mch 304** Thermal-Fluid Sciences (3 credits)

The classical principles of heat transfer and fluid mechanics. Heat transfer principles: conduction, convection, and radiation; steady and transient heat conduction. Fluid mechanics principles: mass and momentum conservation for moving fluids, flow through pipes, Bernoulli's equation, laminar flow, turbulent flow, boundary layers, lift and drag. *Lecture and lab.* *Second semester.*

**Mch 402** Machine Design (3 credits)

Kinematics of machines and mechanisms. Analysis of mechanisms for motions, velocities, accelerations, and forces. Application of engineering mechanics, materials, and manufacturing to the design and analysis of mechanical systems. Selection of gears, cams, belts, springs, etc. *Prerequisite: Mch 201. Second semester.*

## DIVISION OF MATHEMATICAL SCIENCE

### TECHNOLOGY

**Tec 101** Digital Literacy (3 credits)

An introductory course designed to help the student develop key computational skills for professional life. Topics include tools for basic management of digital files, internet research and online safety, exposure to intermediate skills in word processing, spreadsheets, and presentation software, and foundational data related skills (including evaluation of the quality of data, development of data summaries, and communication of data for effective decision-making). *Lecture and lab.* Excludes: Tec 201. *Prerequisite: Math ACT 18 or above, or Math SAT 520 or above, Ma 080 or placement into Ma 103 or higher. Both semesters, Online.*

**Tec 201** Digital Literacy Honors (3 credits)

An introductory course designed to help the student develop

key computational skills for professional life. Topics include tools for basic management of digital files, internet research and online safety, exposure to intermediate skills in word processing, spreadsheets, and presentation software, and foundational data related skills (including evaluation of the quality of data, development of data summaries, and communication of data for effective decision-making). *Lecture and lab.* Excludes: Tec 101. *Prerequisite: Math ACT 20 or above, or Math SAT 550 or above, or Ma 090, or placement into Ma 103 or higher. Both semesters.*

**Tec 240** Technology Team Internship (6 credits)

Practical application of technology ministry in a structured internship on a BJU ministry team. *Not applicable toward a major or minor. Open only to students who travel on an official BJU ministry team.*

**Tec 241** Technology Team Internship (3 credits)  
Practical application of technology ministry in a structured internship on a BJU ministry team. *Not applicable toward a major or minor. Open only to students who travel on an official BJU ministry team.*

## DEPARTMENT OF MATHEMATICS LIBERAL ARTS MODULES

**Ma 080** Liberal Arts Modules (0 credit)  
Development of the foundational mathematical skills necessary for success in a liberal arts curriculum. Includes Ma 081–Ma 086. *Prerequisite: Math ACT 19 or below, or Math SAT 540 or below, or Math Placement Test. Both semesters.*

**Ma 081** Arithmetic Review (0 credit)  
Basic arithmetic techniques relative to the real numbers, including fractions, decimals, percents, and properties of real numbers. *Both semesters.*

**Ma 082** Geometry (0 credit)  
Basic geometric arguments including perimeter, area, volume and relationships in triangles. *Prerequisite: Ma 081. Both semesters.*

**Ma 083** Measurement (0 credit)  
Calculations and conversions including length, mass, weight in English and metric units. *Prerequisite: Ma 082. Both semesters.*

**Ma 084** Descriptive Stats (0 credit)  
Basic descriptive statistics, including mean, median, mode, and interpretation of graphs of data. *Prerequisite: Ma 083. Both semesters.*

**Ma 085** Linear Equations (0 credit)  
Evaluating, graphing and interpreting linear relationships. *Prerequisite: Ma 084. Both semesters.*

**Ma 086** Mathematical Reasoning (0 credit)  
Development of valid logical arguments in a variety of contexts. *Prerequisite: Ma 085. Both semesters.*

## MATH PREPARATORY MODULES

**Ma 090** Math Preparatory Modules (0 credit)  
Development of the foundational algebra skills necessary for success in the collegiate mathematics classroom. Includes Ma 091–Ma 097. *Prerequisite: Ma 080. Both semesters.*

**Ma 091** Number Systems (0 credit)  
Review of foundational properties of numbers with an

emphasis on the real numbers. *Prerequisite: Ma 081 and Ma 085. Both semesters.*

**Ma 092** Power Functions (0 credit)  
Development and use of exponents, both integer and fractional, radicals and polynomials. *Prerequisite: Ma 091. Both semesters.*

**Ma 093** Inequalities (0 credit)  
Solving inequality relationships, including relationships with absolute values, radicals and polynomials. *Prerequisite: Ma 092. Both semesters.*

**Ma 094** Factoring (0 credit)  
Basic factoring techniques including factoring common terms and special forms. Includes the introduction of complex numbers. *Prerequisite: Ma 093. Both semesters.*

**Ma 095** Rational Expressions (0 credit)  
Simplifying rational expressions, including addition, subtraction, multiplication and complex fractions. *Prerequisite: Ma 094. Both semesters.*

**Ma 096** Systems of Equations (0 credit)  
Solving equations with two or more unknowns. *Prerequisite: Ma 093. Both semesters.*

**Ma 097** Probability & Statistics (0 credit)  
Builds on ideas in Ma 085, including combinations and permutations, correlation, frequency distribution, quartiles, and more graphs. *Prerequisite: Ma 093. Both semesters.*

## MATHEMATICS

**Ma 100** Applied Mathematics (3 credits)  
An introductory course in basic applied mathematics. *Not applicable towards a bachelor's degree mathematics requirement. Prerequisite: Math ACT 19 or below, or Math SAT 540 or below.*

**Ma 103** College Algebra (3 credits)  
Review of elementary algebra. Stress on the concept of relation and function, algebraic functions and their graphs. *Not applicable toward a major or minor. Prerequisite: Math ACT 20–25, or Math SAT 550–630, or Ma 090, or placement into Ma 103. Both semesters, Online.*

**Ma 105** Trigonometry (3 credits)  
A review of the exponential, logarithmic, trigonometric functions and their graphs, trigonometric identities/equations and applications, as well as an introduction to sequences and series. Suggested calculator: TI 83, 84, Nspire, 89, or Nspire CAS. *Not applicable toward an Actuarial*

Science or Mathematics major or minor. *Prerequisite: Math ACT 26-30, or Math SAT 640-720, or Ma 103, or placement into Ma 105. Both semesters, Online.*

**Ma 109** Essential Mathematics for Teachers (3 credits)

A study of mathematics properties, processes and symbols for prospective teachers on the elementary or middle school levels. Sets, relations, number theory, the real number system and problem solving. *Not applicable toward a major or minor. Prerequisite: Math ACT 18 or above, or Math SAT 520 or above, Ma 080 or placement into Ma 103 or higher. First semester.*

**Ma 110** Foundations of Mathematics for Teachers (3 credits)

A study of mathematics properties, processes and symbols for prospective teachers on the elementary or middle school levels. Measurement, the metric system, geometry, congruence, coordinate geometry, probability and statistics. *Not applicable toward a major or minor. Prerequisite: Math ACT 18 or above, or Math SAT 520 or above, Ma 080 or placement into Ma 103 or higher. Second semester.*

**Ma 180** Applied Calculus (3 credits)

A calculator-based applied calculus class in one variable. Derivatives, integrals and their applications will be studied. Required calculator: TI 83, 84 or Nspire. *Not applicable toward a major or minor. Prerequisite: Math ACT 20 or above, or Math SAT 550 or above, or Ma 090 or placement into Ma 103 or higher. Second Semester.*

**Ma 199** Introduction to Mathematical Studies (0 credit)

A weekly seminar course targeted at first-year students majoring in mathematics and actuarial science covering foundational techniques for learning both applied and theoretical mathematics with the goal of improving students' performance in courses taken during the first year. *First Semester.*

**Ma 200** Calculus I (4 credits)

Introduction to analytic geometry, functions, limits and differentiation of algebraic functions and transcendental functions, definite and indefinite integration, and applications. Required calculator: TI 89 or Nspire CAS (or TI 83, 84 or Nspire if final mathematics course). *Prerequisite: Math ACT 31-36, or Math SAT 730 or above, or Ma 105 or placement into Ma 200. Both semesters.*

**Ma 202** Calculus II (4 credits)

A continuation of Ma 200. Topics include a variety of integration techniques, convergence of sequences, Taylor and Maclaurin Series, and parametric equations. *Required calculator: TI 89 or Nspire CAS. Prerequisite: Ma 200. Both semesters.*

**Ma 211** Theory of Geometry (3 credits)

Structure of proof, deductive reasoning, a survey of the theory of Euclidean geometry with an emphasis on proofs involving lines, angles, triangles, polygons and circles with an emphasis on transformational geometry and analytical geometry. Experience with dynamic geometry software. *Not applicable toward an Actuarial Science or Mathematics major or minor. First Semester, odd-numbered calendar years.*

**Ma 220** Mathematical Problem Solving (3 credits)

Discussion of quantitative problem-solving techniques through a variety of mathematical methods such as optimization, introductory statistics, financial mathematics, and introductory calculus. *Not applicable to an Actuarial Science major, a Mathematics major or minor, or a Mathematics Education major. Prerequisite: Math ACT 20 or above, or Math SAT 550 or above, or Ma 090 or placement into Ma 103 or higher.*

**Ma 299** Mathematical Proofs (1 credit)

A transition course between lower-level mathematics courses and more abstract/theoretical upper-level courses in which mathematical proofs are essential. Required of students before taking 400-level math courses unless waived by passing the Mathematical Proofs placement test. *Both semesters.*

**Ma 300** Elementary Linear Algebra (3 credits)

Vectors, vector functions, linear functions, solutions of linear systems of equations, matrices, determinants and eigenvalues. Required calculator: TI 89 or Nspire CAS. *Prerequisite: Ma 200. Both semesters.*

**Ma 301** Calculus III (4 credits)

A continuation of Ma 202. Topics include solid analytic geometry, functions of more than one variable, partial differentiation, multiple integration, and vector analysis including Green's Theorem and Stokes's Theorem. Required calculator: TI 89 or Nspire CAS. *Prerequisite: Ma 202. Corequisite: Ma 299. Both semesters.*

**Ma 303** Discrete Math (3 credits)

An introduction to set theory and logic, elementary combinatorics, graph theory and finite state machines. Required calculator: TI 89 or Nspire CAS. *Second semester.*

**Ma 308** Theory of Interest (3 credits)

Advanced topics in simple and compound interest, annuities and investment including force of interest, continuous and/or variable payment annuities. Required calculator: TI BA II Plus. *Prerequisite: Ma 180 or Ma 200. First semester, even-numbered calendar years.*

**Ma 320** Applied Statistics (3 credits)

A software-based course including discrete and continuous probability distributions, hypothesis testing, confidence intervals, correlation and regression. *Lecture and lab. Not applicable toward an Actuarial Science major or a Mathematics major or minor. Identical to BA 320. Prerequisite: Math ACT 20 or above, or Math SAT 550 or above, or Ma 090 or placement into Ma 103 or higher. Both semesters.*

**Ma 388** Applications of Finance (1 credit)

A study of the applications of the theory of interest and financial derivatives consistent with the SOA/CAS Exam FM/2 syllabus. *Prerequisite: Ma 308. Second semester, odd-numbered calendar years.*

**Ma 390** Linear Optimization (3 credits)

A study of linear programming methods employed in operations research. Topics include an introduction to modeling, the theory and application of the simplex method, duality and sensitivity analysis with applications directed toward business. *Prerequisite: Ma 300. First semester, even-numbered calendar years.*

**Ma 391** Topics in Optimization (3 credits)

A study of deterministic methods employed in operations research. Topics include specific cases of linear programming problems as well as integer and nonlinear programming. *Second semester, odd-numbered calendar years.*

**Ma 401** Elementary Number Theory (3 credits)

Divisibility, congruences, theorems of Fermat and Wilson, primitive roots, indices and quadratic reciprocity. Required calculator: TI 89 or Nspire CAS. *Prerequisite: Ma 299 and permission of the instructor.*

**Ma 402** Abstract Algebra (3 credits)

The theory of mathematical structures with an emphasis on group theory. Examples are taken from the real number system, linear algebra and calculus. Elements of number and set theory are used extensively. The study of homomorphisms, isomorphisms and related theory is included. Required calculator: TI 89 or Nspire CAS. *Prerequisite: Ma 299 and Ma 300.*

**Ma 403** Intermediate Analysis (3 credits)

The real and complex number systems, point-set theory, concepts of limits and continuity, differentiation of functions of one and more variables, functions of bounded variation, rectifiable curves and connected sets. Required calculator: TI 89 or Nspire CAS. *Prerequisite: Ma 202, Ma 299 and Ma 300.*

**Ma 404** Probability & Statistics I (3 credits)

Elementary combinatorial analysis, independence and dependence, distribution functions, moment-generating functions, random variables, central limit theorem, elementary point and interval estimation, and hypothesis testing. Required calculator: TI 89 or Nspire CAS. *Prerequisite: Ma 202 and Ma 299. First semester.*

**Ma 405** Probability & Statistics II (3 credits)

Type of convergence in probability, law of large numbers, Chebyshev's inequality, central limit theory proven, development of point and interval estimates and hypothesis testing, regression, ANOVA, Chi square. Required calculator: TI 89 or Nspire CAS. *Prerequisite: Ma 404.*

**Ma 406** Differential Equations (3 credits)

Ordinary differential equations, methods of solution and applications, higher-order linear equations, series solutions, systems of linear equations, Laplace transforms and numerical solutions. Required calculator: TI 89 or Nspire CAS. *Prerequisite: Ma 301. Second semester.*

**Ma 407** Modern Geometry (3 credits)

Methods and theory of transformational geometry in the plane and space, finite geometry, advanced Euclidean geometry, constructions, non-Euclidean geometry, projective geometry and experience with *Geometer's Sketchpad*. Required calculator: TI 89 or Nspire CAS. *Prerequisite: Ma 300.*

**Ma 409** Introduction to Topology (3 credits)

An axiomatic development of point-set topology; connectivity, compactness, metrization, separability and topological equivalence. Required calculator: TI 89 or Nspire CAS. *Prerequisite: Ma 202 and Ma 299.*

**Ma 415** Regression & Time Series (3 credits)

Linear regression, time series analysis, development and evaluation of regression and time series models, and forecasting. Exposure to a common analysis software package. *Prerequisites: Ma 404.*

**Ma 418** Actuarial Mathematics I (3 credits)

Actuarial modeling, including life states, survival models, and relevant random variable calculations; premium and reserves calculations; pension and retirement calculations. *Prerequisite: Ma 202 and Ma 299. First semester, odd-numbered calendar years.*

**Ma 419** Actuarial Mathematics II (3 credits)

Continuation of Ma 418. Topics include actuarial modeling, including life states, survival models and relevant random variable calculations; premium and reserves calculations; pension and retirement calculation. *Prerequisite: Ma 418. Second semester, even-numbered calendar years.*

**Ma 420** Computational Mathematics [3 credits]  
Solve interesting problems from upper-level mathematics or computer science by programming one's own solution or by using a standard mathematical program like *Mathematica* or *Maple*. *Identical to CpS 406. Prerequisite: CpS 110 and Ma 202.*

**Ma 425** Complex Variables [3 credits]  
Topics include complex numbers, analytic functions, elementary transformations, and complex integration. Required calculator: TI 89 or Nspire CAS. *Prerequisite: Ma 300 and Ma 301.*

**Ma 440** Combinatorial Mathematics [3 credits]  
Topics include permutations, combinations, generating functions, and recurrence relations. Required calculator: TI 89 or Nspire CAS. *Prerequisite: permission of the instructor.*

**Ma 480** Capstone Experience Mathematics I [1 credit]  
Required of all students majoring in mathematics. Allows students the opportunity for a thorough development of their philosophy of mathematics, exposes them to a variety of mathematical research, and addresses career and graduate school preparedness. *Not applicable toward a minor. First semester.*

**Ma 481** Capstone Experience Mathematics I [1 credit]  
Required of all students majoring in Mathematics. An independent study of an advanced mathematical topic resulting in a written and oral presentation. *Not applicable toward a minor. Second Semester.*

**Ma 488** Applications of Probability [1 credit]  
A study of the applications of calculus and probability consistent with the SOA/CAS Exam P/1 syllabus. *Prerequisite: Ma 404. Second semester, even-numbered calendar years.*

**Ma 497** Independent Study in Mathematics [3 credits]  
Special study of a project chosen in consultation with mathematics faculty.

**Ma 498** Applications of Actuarial Mathematics [1 credit]  
A study of the applications of actuarial mathematics consistent with the SOA Exam LTAM syllabus. *Prerequisite: Ma 418. Second semester.*

## DEPARTMENT OF COMPUTER SCIENCE

**CpS 105** Computer Science Foundations [3 credits]  
This course provides a broad exposure to the field of computer science. It emphasizes the development of

computational thinking and problem solving skills, and an understanding of the societal and spiritual impact of computer programming and innovations. Students will write a paper expressing a biblical philosophy of technology; simulate a simple computer; design a web page; perform data analysis; and write, test, and debug a sequence of instructions. Not applicable toward a Computer Science or Information Technology minor. *Prerequisite: Math ACT 20 or above, or Math SAT 550 or above, or Ma 090 or placement into Ma 103 or higher. Online.*

**CpS 109** Introduction to Computer Programming [3 credits]  
An introduction to programming using a high-level language. An emphasis on problem solving with structured techniques and use of objects. Development of problem-solving skills through programming exercises. Lecture and lab. *Prerequisite: Math ACT 20 or above, or Math SAT 550 or above, or Ma 090 or placement into Ma 103 or higher. Both semesters, Online.*

**CpS 110** Object-Oriented Programming I [3 credits]  
Introduction to computer science through use of a high-level programming language as vehicle for understanding capabilities and limitations of computers. An emphasis on the object-oriented paradigm, including basic class design principles. Development of problem-solving skills through programming exercises. Lecture and lab. *Prerequisite: Math ACT 26 or above, or Math SAT 640 or above, or Ma 103, or CpS 109 or placement into Ma 105 or higher. Both semesters.*

**CpS 201** Information Technology I [3 credits]  
Introduction to fundamental information technology concepts and troubleshooting. Problem-solving regarding installation and configuration of operating systems and common software applications with a focus on the Windows platform. *Lecture and lab. First semester.*

**CpS 202** Information Technology II [3 credits]  
A continuation of CpS 201 with the focus on the Linux platform. *Lecture and lab. Prerequisite: CpS 201. Second semester.*

**CpS 209** Object-Oriented Programming II [3 credits]  
An introduction to fundamental concepts needed to support the development of desktop applications. Topics include GUI frameworks, object-oriented design with design patterns, model-view architecture, introductory generic programming and functional programming techniques. Lecture and lab. *Prerequisite: CpS 110. Both semesters.*

**CpS 210** Data Structures [3 credits]  
Data structures and algorithm analysis. Includes an introduction to an alternate computing platform. *Lecture and lab. Prerequisite: CpS 209. Second Semester.*

**CpS 225** Business Systems [3 credits]

Introduction to computer techniques used in a business environment. Topics include office automation via VBA, client-server database programming and web technologies. *Prerequisite: CpS 110. Second semester.*

**CpS 230** Computer Systems [3 credits]

Assembler language, interrupts, registers, memory addressing techniques, parameter passing mechanisms and the relationship between high-level languages and the computer. *Prerequisite: CpS 110. Both semesters.*

**CpS 250** Unix Programming [3 credits]

An introduction to tools and languages used to develop software for Unix-based operating systems. Presents a spectrum of techniques ranging from shell scripting to systems programming in C, with an emphasis on secure programming practices. *Prerequisite: CpS 230. Second semester.*

**CpS 255** Penetration Testing & Ethical Hacking [3 credits]

Introduction to the offensive hacking area of penetration testing. Students will demonstrate their understanding of the penetration process (Planning, Reconnaissance, Exploitation, Clean-up & Reporting) through lab exercises. *Prerequisite: CpS 110. First semester.*

**CpS 301** Introduction to Database Management Systems [3 credits]

Introduction to database management systems and their use in business applications. Information modeling and database design techniques; commercial multiuser database management system. Emphasis on DBMS with a high-level programming language. *Prerequisite: CpS 110. First semester.*

**CpS 306** Applied Cryptography [3 credits]

Introduction to the field of cryptography. Topics include classical, private-key, and public-key cryptography and the application of the various types to computer, communications, and internet security. *Corequisite: CpS 210.*

**CpS 310** Microprocessor Architecture [3 credits]

Study of the basic microprocessor architecture focusing on the fetch-decode-execute cycle. Project involves writing a program which simulates the workings of a microprocessor including instruction decoding, addressing techniques, interrupt processing, etc. Discussion of RISC and CISC philosophies. *Prerequisite: CpS 209 and CpS 230. First semester.*

**CpS 320** Application Development [3 credits]

An introduction to fundamental concepts needed to support the development of desktop and mobile applications. Topics

include mobile application frameworks, multithreading, and client-server programming. Students apply the concepts by completing several individual programming assignments as well as a significant team project. *Lecture and lab. Prerequisite: CpS 209.*

**CpS 335** Computer Network Fundamentals [3 credits]

Study of the hardware and software components of computer communications, including internet protocols, applications and security. *Second semester.*

**CpS 340** Project Management [2 credits]

Development of techniques and procedures to effectively lead projects from inception to successful completion. *Prerequisite: CpS 202.*

**CpS 350** Programming Language Design [3 credits]

A study of programming language concepts from the imperative, functional, logic and object-oriented paradigms, with an analysis of their suitability to various problem domains. Includes a study of formal theory, as well as language efficiency and implementation details. Students will analyze an unfamiliar language in a significant research paper. *Prerequisite: CpS 210. First semester.*

**CpS 360** Introduction to Operating Systems [3 credits]

The study of operating system techniques, including interrupt systems and memory, processor and device management. *Prerequisite: CpS 250. Second semester.*

**CpS 377** Hardware & Software Reverse Engineering [3 credits]

Studies the hardware hacking and reverse engineering of electronic devices and embedded systems. Topics will include reverse engineering tools and equipment, modification of circuit boards, securing embedded devices, and common hardware attack vectors. *Lecture and lab. Prerequisite: CpS 209 and Ele 110.*

**CpS 391** Computer Security [3 credits]

A survey of the fundamentals of information assurance and computer security. *Prerequisite: CpS 110. First semester.*

**CpS 392** Cyber Operations [3 credits]

Develops hands-on training and processes to build, attack, and defend computer networks and servers, includes both offensive and defensive techniques addressing networks, virtual testing, and web applications/servers/databases. Consideration will be given to designing a defensive infrastructure, including firewalls, logging, and intrusion detection/prevention systems and an introduction to white hat hacking. *Prerequisite: CpS 335. Second semester.*

**CpS 404** Internet Application Development [3 credits]

A survey of current internet application development

technologies including server database technologies, language choices for both Windows and Linux environments, and security considerations. Each student will build an internet application using the technologies presented. *Prerequisite: CpS 301. Second semester.*

**CpS 406** Computational Mathematics [3 credits]  
Will solve interesting problems from upper-level mathematics or computer science by programming one's own solution or by using a standard mathematical program like *Mathematica* or *Maple*. *Identical to Ma 420. Prerequisite: CpS 110 and Ma 202.*

**CpS 408** Parallel & Distributed Algorithms [3 credits]  
An overview and analysis of the nature of parallel algorithms with emphasis on the student's ability to discuss tradeoffs of parallel / distributed algorithms as well as implement algorithms in both multicore and multi computational unit environments. *Prerequisite: CpS 210.*

**CpS 420** Software Engineering [3 credits]  
An introduction to methodologies and tools for efficient design, development and testing of object-oriented software. Emphasizes current best practices for developing line-of-business applications, including requirements analysis with use cases, agile practices, and verification/validation techniques. Students apply the concepts in a semester-long team project. *Prerequisite: CpS 301. First semester.*

**CpS 433** Network, Server & Cloud Administration [3 credits]  
*An introduction to administration issues that impact the planning, setup and maintenance of computer networks, including cloud-computing infrastructures and issues such as AWS cloud computing, account policies, storage management, security, performance monitoring, providing support for a large user community, providing network services, etc. Prerequisite: CpS 335 and CpS 202 or CpS 250. First semester.*

**CpS 440** Theoretical Foundations in Computer Science [3 credits]  
A study in finite state machines, Turing machines, computability and formal languages. *Corequisite: CpS 210 and Ma 303.*

**CpS 450** Language Translation Systems [3 credits]  
A study of compilers and interpreters, including scanning, parsing and code generation. A compiler will be implemented with the aid of compiler generation tools. *Prerequisite: CpS 350. Second semester.*

**CpS 465** Information Technology Internship I [3 credits]  
This internship is designed to be a part-time or full-time work experience totaling 40 hours per credit hour in any of the fields of information technology, which can include help desk support, network administration, desktop support, server support and website maintenance. The internship program is

designed to be flexible so that the student's employer and faculty administrator can work together to provide an experience that is both educational and eye opening for the student. *Not applicable toward a minor. Both semesters, Summer.*

**CpS 466** Information Technology Internship II [3 credits]  
This internship provides additional work experience for students in the field of information technology. *Not applicable toward a major or minor. Prerequisite: CpS 465. Both semesters.*

**CpS 469** Information Technology Seminar [1 credit]  
Required of all students majoring in Information Technology. Students examine different facets of a professional career including spiritual growth, continual learning and employment. *Not applicable toward a minor. First semester.*

**CpS 475** Computer Science Internship I [3 credits]  
This internship is designed to be a part-time or full-time work experience totaling 40 hours per credit hour in any of the fields of software development, which can include testing, programming or design of software systems. The internship program is designed to be flexible so that the student's employer and faculty administrator can work together to provide an experience that is both educational and eye opening for the student. *Not applicable toward a minor. Both semesters, Summer.*

**CpS 476** Computer Science Internship II [3 credits]  
This internship provides additional work experience for students in the field of computer science. *Not applicable toward a major or minor. Prerequisite: CpS 475. Both semesters.*

**CpS 479** Computer Science Seminar [1 credit]  
Required of all students majoring in Computer Science. Students examine different facets of a professional career including spiritual growth, continual learning and employment. *Not applicable toward a minor. First semester.*

**CpS 481** Applied Cybersecurity [3 credits]  
Requires the application of accumulated security knowledge to apply best practices in a variety of contexts. Course projects, including documentation, are intended to help the student transition from the classroom to the workplace.

**CpS 485** Cybersecurity Internship [3 credits]  
This internship is designed to be a part-time or full-time work experience totaling 40 hours per credit hour in any of the fields of cybersecurity. The internship program is designed to be flexible so that the student's employer and faculty administrator can work together to provide an experience that is both educational and eye opening for the student. *Not applicable toward a minor. Both semesters, Summer.*

**CpS 489** Cybersecurity Seminar (1 credit)

Required of all students majoring in Cybersecurity. Students examine different facets of a professional career including spiritual growth, continual learning and employment. *Not applicable toward a minor. First semester.*

**CpS 490** Programming Challenges (3 credits)

This course focuses on a variety of programming problem solving topics. Students learn how to apply these problem solving techniques to a wide range of problems.

**CpS 499** Independent Study in Computer Science (3 credits)

Special study of a project chosen in consultation with the computer science faculty

## DIVISION OF HISTORY, GOVERNMENT & SOCIAL SCIENCE

### HISTORY

**Hi 101** The Making of the Modern World (3 credits)

The course focuses on the process of historical thinking from a biblical perspective by investigating the forces and factors that have shaped the world we live in today, and by studying themes including empire building, revolutions, religious movements, philosophical and artistic accomplishments, social and economic networks. *Both semesters, Online.*

**Hi 105** Introduction to Historical Studies (3 credits)

Applying historical thinking to the craft of historical narrative and the nature and limits of historical evidence from both primary and secondary sources. Focus on research methods and analysis of narratives, exploring issues of agency, determinism, and contingency through examination of historical narrative and the creation of historical narrative. Assessments include oral and written presentations. *Second semester.*

**Hi 150** American Military History (3 credits)

Provides a historical perspective on decisions made by American military leaders and studies major military engagements from the colonial period to the present. Examines motivational devices, battle strategies, rules of engagement, supply management, transportation, and logistics. Reviews approaches officers have used throughout history to lead their troops into battle and inspire them to victory. *Not applicable toward a major or minor. First semester.*

**Hi 201** United States History to 1865 (3 credits)

A survey of American history from the colonial era through 1865 with a blend of political, economic and cultural aspects. *First semester, Online.*

**Hi 202** United States History from 1865 to the Present (3 credits)

A survey of American history from 1865 to the present with a blend of political, economic and cultural aspects. *Second*

*semester, Online.*

**Hi 300** Ancient Near East & Greece (3 credits)

The rise of civilization in the Mesopotamian, Nile and Aegean areas; the development of Hellenic and Hellenistic cultures and their contributions to later ages. *Prerequisite: Hi 101.*

**Hi 301** Rome (3 credits)

The rise and development of Roman civilization from its prehistoric origins to imperial dominance, with emphasis on cultural and religious developments, the rise of Christianity and the declines of both the Republic and the Empire. *Prerequisite: Hi 101.*

**Hi 310** Middle Ages (3 credits)

Medieval Europe from the fall of Rome to 1300 with emphasis on the Roman Catholic Church, the development of states and cultural revival. *Prerequisite: Hi 101.*

**Hi 330** Colonial Era in America (3 credits)

Colonial America with an emphasis on British North America and including the French, Spanish and Native Americans. The development of colonial empire and the intersection of European and American cultures.

**Hi 333** Civil War & Reconstruction (3 credits)

Sectional discord and constitutional crises as antecedents to the secession and armed conflict in the United States, major campaigns of the Civil War, and reconstruction of the South and transformation of the North.

**Hi 350** The West since 1914 (3 credits)

Europe and the United States from 1914 to the present with emphasis on political, economic and cultural aspects. *Prerequisite: Hi 101.*

**Hi 360** The Non-Western World since 1914 (3 credits)

Struggle for independence, impact of the West, disintegration of the traditional order, emergence into the modern world and contemporary problems. *Prerequisite: Hi 101.*



**Hi 370** Early Modern Europe & The French Revolution (3 credits)

From the Thirty Years' War to 1815, the rise of Prussia and Russia, Napoleon and his significance, and philosophical evaluation of the era. *Prerequisite: Hi 101.*

**Hi 400** Special Topics (3 credits)

This course focuses on a particular topic, problem era or historical approach chosen by the professor.

**Hi 402** Renaissance (3 credits)

The transition in Europe from the Middle Ages to the Early Modern Era, including historical background, developments in thought and philosophy, humanism, the arts and government, 1300–1550. *Prerequisite: Hi 101.*

**Hi 405** Reformation (3 credits)

Precursors of the German Reformation with emphasis on the contributions of Martin Luther, the Reformation in other countries and the Roman Catholic reaction.

*Prerequisite: Hi 101.*

**Hi 406** Historiography (3 credits)

Introduction to the history of history and the philosophy of history, the use of historical tools, methods of investigation, problems of interpretation. *First semester.*

**Hi 407** England to 1750 (3 credits)

England from pre-Roman era to 1750. Emphasis on the monarchy, law, parliament, society, economics and church reformation. *Prerequisite: Hi 101.*

**Hi 409** Middle East: Imperialism & Modern States (3 credits)

The Middle East from AD 570 to the present. Topics covered are political, military, economic, cultural and imperial history, and a comparison of basic Islamic and Christian doctrines and practices. *Prerequisite: Hi 101.*

**Hi 414** Philosophy of History (3 credits)

Introduction to interpretation of history from the early Greek era to the 20th century with special emphasis on the 19th and 20th centuries. Formation of a biblically consistent worldview.

**Hi 418** History of Religion in America (3 credits)

A survey of the major religious developments in the United States from the colonial period to the present, focusing on the transition from a predominant Protestant orthodoxy to religious pluralism. The course examines both the ideas of religious movements and their impact on American society.

**Hi 425** America's Ideological Foundations (3 credits)

A study of the political beliefs of the founders of the United States; the sources of those beliefs; the effect of those beliefs on the establishment of the United States.

**Hi 440** Historical Research & Writing (3 credits)

Techniques of historical research, analysis and composition culminating in a formal article-length paper based in part on primary documentation. *Required of all students majoring in History. Prerequisite: Hi 406. Second semester.*

**Hi 449** American Legal History (3 credits)

Major developments in American legal history from the colonial period to the present with emphasis on the 19th and 20th centuries. *Prerequisite: Hi 201 and Hi 202.*

**Hi 452** Europe in the 19th Century (3 credits)

Europe from the fall of Napoleon to the outbreak of World War I. Modern nationalism, militarism, and imperialism, and their influence upon international affairs and upon the forms of international relationships. *Prerequisite: Hi 101.*

**Hi 460** American Social History since 1865 (3 credits)

A survey of the major social and cultural developments in the United States since 1865 with emphases on Victorian culture, modern culture, film, music, religion, gender and race. *Prerequisite: Hi 101.*

**Hi 480** History Internship (3 credits)

Interns will be introduced to broader perspectives of history such as historical literature, museum and library work, archaeology, the national park system, business or government. The internship encourages thoughtful reflection on future service and career goals. *Both semesters, Summer.*

**Hi 490** Independent Study (3 credits)

Special study of a project chosen in consultation with history faculty.

**Hi 499** European Studies (3 credits)

Combination of travel and lectures in Europe. Visits and discussions related to men, movements and sites of Protestant, Anglican and Roman Catholic history.

**CRIMINAL JUSTICE****CJ 101** Introduction to Criminal Justice (3 credits)

Functions, responsibilities and organization processes involved in the administration of criminal justice; local, state, federal and private agencies; police history; the police career and the public attitude; the role of the courts and the correctional process. *Both semesters.*

**CJ 200** Policing & American Society (3 credits)

Examines the relationship of the criminal justice system to American contemporary society including social order and institutions, order maintenance, crime fighting, special

populations, police subcultures, terrorism and global implications of crime. *Prerequisite: CJ 101.*

**CJ 201** Criminal Law [3 credits]

Origin and development of criminal law in America; classification and analysis of crime; defense of criminal acts. *Prerequisite: CJ 101. First semester.*

**CJ 202** Constitutional Law [3 credits]

Constitutional provisions, their development through court interpretation, and their application to law enforcement; substantive and procedural rights of the individual; law and arrest, search and seizure, right to counsel, self-incrimination, interviews and interrogation, due process of law and right to a fair trial. *Prerequisite: CJ 101. Second semester.*

**CJ 203** Juvenile Delinquency [3 credits]

Delinquency in the United States; extent and significance, causal analysis; juvenile court and techniques of prevention and treatment. *Second semester.*

**CJ 205** Corrections [3 credits]

History of corrections; review of federal, state and local penal systems; management and treatment of convicted criminals. Examination of corrections as part of the criminal justice system. *Prerequisite: CJ 101.*

**CJ 212** Criminology [3 credits]

Types of crime; causes of crime; criminal behavior; control and prevention of crime; administration of justice, with emphasis on confinement, correction, pardon, parole, probation and community-based programs. *Prerequisite: CJ 101. Second semester.*

**CJ 215** Private Security [3 credits]

An introduction to private security purpose and practice. Examination of the working relationship between private security and law enforcement, loss prevention, site management and personal protection. *Prerequisite: CJ 101.*

**CJ 250** Criminal Justice Internship [3 credits]

Internships available with government agencies and corporations within the broader scope of the criminal justice field during the student's second year or the summer before. Application and syllabus available from the Criminal Justice program coordinator. *Both semesters and summer.*

**CJ 300** Special Topics in Criminal Justice [3 credits]

This course focuses on a specific issue or component of the criminal justice system. Rotating-content course. Students may enroll in this course more than once with content change.

**CJ 301** Criminal Justice Administration [3 credits]

Functions, structure and operation of law enforcement

agencies; principles of organization and management techniques; recruiting, maintenance of personnel records, budget, administration of hearings and appeals, and support organizations. *Prerequisite: CJ 101.*

**CJ 303** Criminal Investigation [3 credits]

Criminal investigative procedures, crime scene preservation and search, collecting and preserving physical evidence, case preparation, questioning of witnesses and suspects, and problems in criminal investigations. *Prerequisite: CJ 101. First semester.*

**CJ 304** Crime Prevention [3 credits]

Theories of crime prevention. Discussion will include personal, home, business and corporate aspects of the topic. *Prerequisite: CJ 101.*

**CJ 307** Probation & Parole [3 credits]

History, philosophy and practice of probation and parole. Goals and objectives of the probation program. *Prerequisite: CJ 101.*

**CJ 310** Criminal Justice Ethics [3 credits]

Public relations, counseling, motivation and leadership; ethics in professionalism, education and training; ethical considerations of legal and corrections practitioners. *Prerequisite: CJ 101. First semester.*

**CJ 311** Terrorism [3 credits]

This course will provide the student with basic understanding needed to compare the various definitions of terrorism; contrast terrorism with other forms of violence, both criminal, intra- and interstate; and examine modern terrorism in light of its historical use. *Prerequisite: CJ 101. First semester.*

**CJ 400** Cybercrime [3 credits]

Examines the rise of criminal activity conducted by means of computers, networked or otherwise, with an introduction to the criminological examination of methods used to investigate, prosecute and combat such crimes. The connection with terrorism will be explored as well as economic ramifications. *Prerequisite: CJ 101.*

**CJ 402** Organized Crime [3 credits]

Origins of organized crime including domestic and international Mafia, hate groups, gangs, drug rings and white collar crime. Explores methods by which legitimate businesses maintain illegal enterprises, gambling and human trafficking. *Prerequisite: CJ 101.*

**CJ 404** Critical Issues in Criminal Justice [3 credits]

A senior capstone course which involves analysis of current events affecting criminal justice, exploration of emerging problems, consideration of recent court decisions, case studies

in policy change and implementation, review of innovative justice programs and new technologies. A summative project that may be based on the student's intern experience is required. *Prerequisite: CJ 101. Second semester.*

**CJ 407** Homeland Security [3 credits]

This course will provide the student with the understanding needed to examine society's efforts to prevent and respond to terrorism, with a focus on federal, state, and local law enforcement. *Prerequisite: CJ 311. Second semester.*

**CJ 415** Criminal Justice Internship [3 credits]

Internships available with local government agencies and corporations during either senior semester, or rising seniors may intern at home over the summer. Application and syllabus available from Criminal Justice degree program coordinator. *Both semesters, Summer.*

**CJ 499** Independent Study in Criminal Justice [3 credits]

Special study of a topic chosen in consultation with criminal justice faculty.

## ECONOMICS, SOCIAL STUDIES

**SSE 200** Foundations of Economics [3 credits]

Blends the core concepts of both microeconomics (structure of markets, factors of production, elasticities) and macroeconomics (economic systems; public policy, including fiscal and monetary policy; supply and demand analysis of national income, inflation and unemployment) with personal responsibility as a citizen (credit, interest, banking, budgeting) to create a greater knowledge of the economy and the individual's role as a decision-maker within that economy. *Both semesters, Online.*

**SSE 210** Economics for the Professional [3 credits]

A deeper look at the economic decision-making of individuals, firms and governments in a world of scarce resources. Topics include markets, public goods, utility maximization, costs of production, market structures, antitrust policy, labor unions, poverty, health care, gross domestic product, economic growth, business cycles, unemployment, inflation, monetary and fiscal policy, the global economy and comparative advantage. *Prerequisite: SSE 200. Both semesters, Online.*

## MILITARY SCIENCE LEADERSHIP

**MSL 101** Introduction to the Army [2 credits]

Introduces Cadets to the Army and the Profession of Arms. Students will examine the Army Profession and what it means to be a professional in the U.S. Army. The overall focus is on developing basic knowledge and comprehension of the Army Leadership Requirements Model while gaining a big picture understanding of the Reserve Officers' Training Corps (ROTC) program, its purpose in the Army, and its advantages for the student. Cadets also learn how resiliency and fitness support their development as an Army leader. *Military Science lab fee: \$50. First semester.*

**MSL 102** Foundations of Agile & Adaptive Leadership [2 credits]

Continuation of MSL 101. *Military Science lab fee: \$50. Second semester.*

**MSL 201** Leadership & Decision Making [2 credits]

Cadets will study, practice and apply the fundamentals of Army Leadership, Officership, Army Values and Ethics, Personal Development, and small unit tactics at the platoon level. Cadets will be required to demonstrate writing skills and present information briefings as preparation for development in becoming a successful future officer. *Military Science lab fee: \$50. First semester.*

**MSL 202** Army Doctrine & Team Development [2 credits]

Continuation of MSL 201. *Military Science lab fee: \$50. Second semester.*

**MSL 301** Training Management & the Warfighting Functions [2 credits]

Cadets will study, practice and apply the fundamentals of Army Leadership, Officership, Army Values and Ethics, Personal Development, and small unit tactics at the platoon level. At the conclusion of this course, Cadets will be capable of planning, coordinating, navigating, motivating and leading a squad and platoon in the execution of a mission during a classroom PE, a Leadership Lab, or a Field Training Exercise (FTX). Successful completion of this course will help prepare Cadets for the SROTC Advanced Camp, which they will attend in the summer at Fort Knox, Ky. *Military Science lab fee: \$50. First semester.*

**MSL 302** Applied Leadership in Small Unit Operations [2 credits]

Continuation of MSL 301. *Military Science lab fee: \$50. Second semester.*

**MSL 401** The Army Officer [2 credits]

Cadets will study, practice, develop and apply critical

thinking skills pertaining to Army leadership, officer skills, Army Values and ethics, personal development, and small unit tactics at platoon level. Cadets will be assessed on the execution of a mission during a classroom PE, Leadership Lab, or a Field Training Exercise (FTX). Successful completion of this course will assist in preparing Cadets for BOLC B course and is a mandatory requirement for commissioning. *Military Science lab fee: \$50. First semester.*

**MSL 402** Company Grade Leadership (3 credits)  
Continuation of MSL 401. *Military Science lab fee: \$50. Second semester.*

## POLITICAL SCIENCE, SOCIAL STUDIES

**SSP 207** National Government (3 credits)  
American government, the organization and functioning of American political life on the national level. *First semester, Online.*

**SSP 208** State & Local Government (3 credits)  
Government on the local levels.

**SSP 303** International Relations (3 credits)  
Problems which arise between nations. Population, resources and nationalism and their potential for war or peace. Study of purpose and function of supranational government and agencies. *First semester.*

**SSP 304** American Political Parties/Interest Groups (3 credits)  
The nature and scope of politics in the United States and the role of interest groups. The organization and functions of the party system and electoral methods. *Second semester, odd-numbered calendar years*

**SSP 310** Comparative Politics (3 credits)  
An examination of advanced democracies and communist, post-communist and developing nations with emphases on politics, economics and culture with a major focus on writing. *Prerequisite: SSP 207.*

**SSP 401** Essentials of Public Policy (3 credits)  
Public policy is the central function of government and provides the structure under which all citizens live. Course is an introduction to the theories and processes used to develop public policy, exploring the framework and challenges in which societal values and ideologies shape decision making. .

**SSP 498** Political Science Internship (6 credits)  
Assignments to be determined by program director.

**SSP 499** Political Science Internship (3 credits)  
Assignments to be determined by program director.

## PSYCHOLOGY

**Ps 200** General Psychology (3 credits)  
An introduction to the major areas of psychology, including history, major theories, brain function, biological underpinnings of thought, motivation, emotion, and behavior, learning, memory, lifespan development, intelligence, sensation and perception. An overview of psychological disorders and methods of treatment is included, and critical analysis of information and its alignment with Biblical truth is emphasized. *Both semesters, Online.*

**Ps 203** Human Growth & Development (3 credits)  
An introduction to human development across the lifespan from physical, cognitive, emotional, and social perspectives, including theories and research. Discussion of the individual as a complete person, spiritual components of development, and the role of cultural differences in the developmental process is emphasized. *First semester.*

**Ps 303** Social Psychology (3 credits)  
A foundational course in the social influence of others on an individual's thoughts, emotions and behaviors. Special attention is given to social cognition, the influence of social groups on attitudes and peer influence, and social reactions of helping, aggression, and prejudice. Additional instruction in social research methods and reading research. Discussion of how social-psychological phenomenon influence our day-to-day lives, and a Biblical critique of research and practice are included. *Second semester.*

**Ps 304** Experimental Psychology (3 credits)  
An introductory course in scientific research methods in human-subjects research and the statistical processes underlying the planning and conducting of experiments, and the interpretation of results. Students will learn how to plan, conduct, and analyze experimental research, and how to communicate the results of their research to others. CITI standards for human research are discussed. *Second semester.*

**Ps 402** Clinical Psychology (3 credits)  
The history of clinical psychology, including a survey and critique of the major theories and therapeutic procedures currently used in dealing with the problems of human adjustment and behavior. Focuses on arriving at a biblical view of the diagnosis and treatment of problems. *Prerequisite: Ps 450. Second semester.*

**Ps 450** Abnormal Psychology (3 credits)  
The history of the theories and classifications of abnormal behavior. Includes extensive coverage and critique of the DSM—the Diagnostic and Statistical Manual of Mental Disorders. *First semester.*

## SOCIOLOGY, SOCIAL STUDIES

### **SSS 200** Introduction to World Cultures (3 credits)

An interdisciplinary approach to understanding cultural diversity and universals, and human-environment interaction using insights from the social sciences of anthropology and geography. *First semester.*

### **SSS 202** Introduction to Sociology (3 credits)

The principal concepts, methods and terminology of sociology. The relation of culture to group activities and an analysis of some of the major social institutions. *Both semesters, Online.*

### **SSS 304** Social Problems (3 credits)

The nature, types and extent of social problems in contemporary society: crime, divorce, war and urbanization. *Prerequisite: SSS 202. Second semester.*

### **SSS 375** Readings & Research in Social Services (3 credits)

Critical analysis of readings in the social services field. Introduction to basic research concepts and methods with particular emphasis on synthesis and the development of

literature reviews. Each section of the course focuses on a different aspect of the social services literature; possible topics include children and families, at-risk youth, mental health and well-being, diversity, social policy, and gerontology.

### **SSS 489** International Studies Seminar (3 credits)

A senior course required of all students majoring in International Studies, focusing on an independent research capstone project that culminates in a formal paper or presentation showcasing the student's analytical and communication skills. *First semester.*

### **SSS 497** International Studies Internship (3 credits)

A summer practical experience requiring six weeks in a cross-cultural setting. *Summer.*

### **SSS 504** Cultural Anthropology (3 credits)

The components of culture and how they affect individual behavior. Problems of cross-cultural individual behavior; and problems of cross-cultural contact, particularly for the missionary. *Second semester.*

# FACULTY



## DEAN

### *Renae Midcalf Wentworth (2001)*

BA, Bob Jones University;  
MA, Bob Jones University;  
EdD, Bob Jones University;  
Additional graduate work,  
Johns Hopkins University

## DIRECTOR OF STUDENT ENGAGEMENT & SUCCESS

### *Rebecca Hill Weier (1990)*

BS, Bob Jones University; MS, Bob Jones University

### *Philip John Adams (Adjunct)*

BS, Bob Jones University; MA, Middlebury College

### *Daniel Jared Albert (Adjunct)*

BA, Bob Jones University; MA, Bob Jones University

### *Kimberly Gahman Daulton (Adjunct)*

BS, Bob Jones University; MS, Bob Jones University

### *Kevin Joseph Schmidt Jr (Adjunct)*

BS, Bob Jones University; MS, Bob Jones University

### *Amy Gendreau Streeter (Adjunct)*

BS, Bob Jones University; MEd, Bob Jones University

## DIVISION OF ENGLISH LANGUAGE & LITERATURE

### DIVISION CHAIR

### *Bruce Edward Rose (1996)*

BA, Bob Jones University; MEd, Bob Jones University;  
PhD, University of North Carolina at Chapel Hill

### *Dawn Watkins Apelian (Adjunct)*

BA, Bob Jones University; MEd, Bob Jones University;  
MA, Clemson University

***Eileen Michele Berry (Adjunct)***

BA, Bob Jones University; MA, Bob Jones University

***Julie McDowell Gainous (1988)***

BS, Tennessee Temple University; MEd, Bob Jones University;  
Additional graduate work, Northern Arizona University

***Rhonda Scott Galloway (1981)***

BS, Bob Jones University; MS, Bob Jones University;  
MEd, Bob Jones University; EdD, Bob Jones University;  
Additional graduate work, Southern New Hampshire University

***Grace Collins Hargis (1961)***

BA, Bob Jones University; MA, University of North Carolina at  
Chapel Hill; PhD, Indiana University-Bloomington; Additional  
graduate work, University of Washington-Seattle Campus

***Karen Rowe Jones (1989-2019, Adjunct)***

BA, Bob Jones University; MEd, Bob Jones University;  
PhD, Bowling Green State University-Main Campus;  
Additional graduate work, Clemson University

***Chris Hanes Martin (1986)***

BA, Bob Jones University; MEd, Bob Jones University;  
MA, Virginia Polytechnic Institute and State University;  
PhD, University of Georgia

***Ronald Brenton McNeely (1998)***

BA, Bob Jones University; MA, Clemson University;  
PhD, University of South Carolina-Columbia

***Renton James Rathbun (Adjunct)***

BS, Bob Jones University; MA, Bob Jones University;  
MFA, Minnesota State University; MA, University of Toledo;  
ThM, Puritan Reformed Theological Seminary

***Kathleen Wolsieffer Reeder (2006–2011, Adjunct, 2020)***

BA, Bob Jones University; MA, Bob Jones University

***Elizabeth Youngberg Rose (1999)***

BA, Bob Jones University; MEd, Bob Jones University;  
MA, Bob Jones University

***Caren Salter Silvester (1978)***

BA, Bob Jones University; MA, University of South  
Carolina-Columbia; EdD, Bob Jones University

***Raymond Alvin St. John (1965)***

BA, Bob Jones University; MA, Bob Jones University;  
MA, University of Michigan-Ann Arbor;  
PhD, University of North Carolina at Chapel Hill

***Joaquim Corbin Remelgado (Adjunct)***

BA, Thomas Edison State University; MA, Clarks Summit  
University; Additional graduate work, Humboldt State  
University

***Emma Claire Galloway Stephens (2020)***

BA, Bob Jones University; MA Bob Jones University

***Kelly Lynn Walter (2016)***

BS, Bob Jones University; MA, Bob Jones University

***Renae Midcalf Wentworth (2001)***

BA, Bob Jones University; MA, Bob Jones University; EdD,  
Bob Jones University; Additional graduate work, Johns  
Hopkins University

## DIVISION OF WORLD LANGUAGES & CULTURES

**DIVISION CHAIR*****Jeremy Paul Patterson (2015)***

BA, Bob Jones University; MS, Bob Jones University;  
MA, University of Portsmouth; DML, Middlebury College;  
PhD, University of South Carolina

***Brenda Holte Hansen (1999)***

BS, Bob Jones University; MA, University of South Carolina-  
Columbia; MA, University of Nebraska-Lincoln; Additional  
graduate work, Adams State College

***Marian Amos Kasperek (2013)***

BS, Bob Jones University; MA, Saint Louis University-Madrid  
Campus; PhD, University of Oklahoma Norman Campus

***Ying Xue Leach (2004)***

BA, Bohai University; MA, Dalian Maritime University;  
MEd, Bob Jones University; EdD, Bob Jones University

***Miriam Avalos Lara Patterson (2006)***

BA, Bob Jones University; MS, Bob Jones University;  
EdD, Bob Jones University; Additional graduate work,  
University of Southern Mississippi and New Mexico State  
University-Main Campus

## DIVISION OF NATURAL SCIENCE

**DIVISION CHAIR*****Richard Carlton Mowrey Jr. (2007)***

BS, Bob Jones University; PhD, Ohio State University-  
Main Campus

***Department of Biology*****DEPARTMENT HEAD*****David Watts Boyd Jr. (2007)***

BS, Bob Jones University; MS, Clemson University;  
MA, Bob Jones University; PhD, Clemson University

***Vincenzo Antignani (2013)***

BS, University of Naples Federico II; MS, University of  
Naples Federico II; PhD, University of Naples Federico II

***Christopher Knight Carmichael (2012)***

BS, Eastern Illinois University; MS, Central Michigan University; PhD, University of Southern Mississippi; Additional graduate work, Michigan State University

***Steve David Figard (Adjunct)***

BA, Cornell University; MS, Northern Illinois University; PhD, Florida State University

***Derrick Michael Glasco (2011)***

BS, Missouri Southern State University; PhD, University of Missouri-Columbia

***William Michael Gray (1981)***

BS, Bob Jones University; MS, Clemson University; PhD, Clemson University

***Thomas George Lamb (2003)***

BS, Bob Jones University; MS, University of West Florida; PhD, Clemson University; Additional graduate work, Bob Jones University

***David Arthur McKinney (2010-2011, 2017)***

BS, Bob Jones University; MS, Bob Jones University; MS, University of Nebraska; PhD, University of Georgia

***Amy Vanlieshout Tuck (2007)***

BS, Bob Jones University; PhD, Clemson University

***Department of Chemistry & Physics*****DEPARTMENT HEAD*****Brian Stanley Vogt (1983)***

BS, Bob Jones University; PhD, University of Florida

***Verne Lee Biddle (1989)***

BS, Bob Jones University; PhD, University of Tennessee-Knoxville

***David Jeremiah Gardenghi (2018)***

BS, Bob Jones University; PhD, Montana State University

***Nicholas Wesley Gothard (2015)***

BS, Bob Jones University; MS, Clemson University; PhD, Clemson University

***Robert Lynn Hill (2010)***

BS, San Diego Christian College; MS, Ball State University; EdD, Ball State University

***Robert Eugene Lee Sr. (2011)***

BS, The University of Tennessee-Chattanooga; PhD, Purdue University-Main Campus

***Richard Carlton Mowrey Jr. (2007)***

BS, Bob Jones University; PhD, Ohio State University-Main Campus

***Department of Engineering*****DEPARTMENT HEAD*****William Palmer Lovegrove (1988)***

BS, Bob Jones University; MS, Clemson University; PhD, Clemson University

***Jeremiah Francis Deang (2018)***

BS, Mississippi State University; PhD, Mississippi State

***Wencong Lai (2018)***

BE, Huazhong University of Science and Technology; PhD, Clemson University

***Patrick David McGary (2008)***

BS, Bob Jones University; MS, University of Minnesota-Twin Cities; PhD, University of Minnesota-Twin Cities

***DIVISION OF  
MATHEMATICAL SCIENCES*****DIVISION CHAIR*****Melissa Kristine Gardenghi (2004)***

BS, Bob Jones University; MEd, Bob Jones University; MS, Clemson University; PhD, Clemson University

***Department of Mathematics*****DEPARTMENT HEAD*****David Dean Brown (1984)***

BS, Bob Jones University; MS, Clemson University; PhD, Clemson University

***Laurel Louise Carpenter (2019)***

BS, Bob Jones University; MEd, Bob Jones University; MS, Clemson University; PhD, Clemson University

***Melissa Kristine Gardenghi (2004)***

BS, Bob Jones University; MS, Clemson University; PhD, Clemson University

***Charles Evart Lacey (2019)***

BS, University of Central Florida; MS, University of Central Florida

***Donna Flower Lawrence (1993)***

BS, Bob Jones University; MEd, Bob Jones University

***Kathy Diane Pilger (1982)***

BA, Eastern Illinois University; BS, Eastern Illinois University; MA, Eastern Illinois University; EdD, Bob Jones University

***Mark Donald Wetzel (Adjunct)***

BS, Bob Jones University; MEd, Bob Jones University; Additional graduate work, University of Phoenix



## Department of Computer Science

### DEPARTMENT HEAD

#### *James Anthony Knisely (1992)*

BS, Bob Jones University; MS, Clemson University; PhD, Clemson University

#### *Sarah Ruth Gothard (Adjunct)*

BA, Bob Jones University; MS, Clemson University; PhD, Clemson University

#### *Von Alan Hughes (2009)*

BIET, Southern Polytechnic State University; MS, Columbus State University; DBA, Northcentral University

#### *Jordan Philip Jueckstock (2014)\**

BS, Bob Jones University; MS, University of Tulsa; Additional graduate work, Clemson University

#### *Ethan Travis McGee (2018)*

BS, Bob Jones University; MS, Clemson University; PhD, Clemson University

#### *Stephen Schaub (1996)*

BS, Bob Jones University; MS, University of North Texas; PhD, Clemson University

#### *James Joseph Yuill (2020)*

BS, North Dakota State University; MCS, North Carolina State University; PhD, North Carolina State University

## DIVISION OF HISTORY, GOVERNMENT & SOCIAL SCIENCE

### DIVISION CHAIR

#### *Brenda Thompson Schoolfield (1992)*

BA, Bob Jones University; MEd, Bob Jones University; PhD, University of South Carolina-Columbia; Additional graduate work, Furman University and University of South Carolina

#### *Douglas Carl Abrams (1974-2020, Adjunct)*

BA, Bob Jones University; MA, North Carolina State University at Raleigh; PhD, University of Maryland-College Park

#### *Linda Perry Abrams (1981)*

BA, Berry College; MA, University of Maryland-College Park; Additional graduate work, American Public University

#### *Roger Clifton Bradley (2006–2007; 2015)*

BS, Bob Jones University; MEd, Bob Jones University; PhD, Clemson University

#### *Lance Gregory Crowe (2019)*

BS, Bob Jones University; MA, Columbia College

#### *David G Davis (2019)*

BS, West Chester University of Pennsylvania; Graduate Certificate, City University of Seattle; MSE, Clarks Summit University; MDiv, Detroit Baptist Theological Seminary

#### *Herbert Douglas Garland (1999)*

BA, Bob Jones University; MA, Bob Jones University; EdD, Bob Jones University

#### *Linda Kay Hayner (1971)*

BA, Western Michigan University; MA, Western Michigan University; PhD, Vanderbilt University; Additional graduate work, Bob Jones University

#### *John Austin Matzko (1972)*

BA, Bob Jones University; MA, University of Cincinnati; PhD, University of Virginia

#### *Gregory Joseph Mazak (1986)*

BS, Ohio State University; MEd, Clemson University; MDiv, Bob Jones University; PhD, Bob Jones University

#### *Cynthia Lohn Midcalf (Adjunct)*

BS, Bob Jones University; MAT, Oakland University; MSE, University of Wisconsin-Whitewater; PhD, Capella University

#### *Larry Wayne McKeithan (2006)*

BS, Bob Jones University; MS, Tiffin University; Additional graduate work, University of Southern Mississippi

#### *Mark Edward Sidwell (2001)*

BA, Bob Jones University; MA, Bob Jones University; PhD, Bob Jones University; Additional graduate work, American Military University

\* Leave of absence

Date indicates beginning year as university faculty.



*School of*  
**HEALTH PROFESSIONS**

# PROGRAMS

The School of Health Professions supports the university goals of growing Christlike character and serving others by preparing students for professions that enhance individual and community health and wellness. Undergraduate courses that combine classroom instruction and practical experience are offered in the areas of nursing, health sciences, and exercise science. Faculty challenge students to view the human condition from God's perspective and to embrace the knowledge and skills needed to care for the health and well-being of people. By building on God's Word and the liberal arts in every program and by striving to grow Christlike character in every student, the School of Health Professions uniquely blends faith and learning in support of BJU's mission.

## GOALS

The student will ...

- Cultivate a biblical view of the human condition and issues related to the care of people.
- Apply biblical principles, disciplinary concepts, and critical thinking skills to make decisions and solve problems.
- Solve problems in multiple facets of the health care industry.
- Apply evidence-based principles in health settings.
- Exhibit biblically based, professional behavior.

## DIVISIONS

The *School of Health Professions* is organized into three divisions:

- Division of Exercise and Sport Science
- Division of Health Sciences
- Division of Nursing

## DEGREES OFFERED

### *Undergraduate Degrees*

The *Associate of Science* degree with a major in Personal Training

The *Bachelor of Science* degree with majors in Communication Disorders, Health Sciences, Kinesiology, Premed/Preudent, Public Health/Global Health and Sport Management

The *Bachelor of Science* in Nursing degree with majors in Nursing and RN to BSN Completion

### *Graduate Degrees*

The *Master of Arts* degree with a major in Sport Administration & Coaching

*Please refer to the current BJU Seminary and Graduate Studies Catalog for detailed information regarding each of the degree offerings noted above, including information regarding learning objectives, goals, course offerings and sequencing, and degree conferral requirements.*



**Jessica L. Minor, PhD**  
*Dean*

# DIVISION OF EXERCISE & SPORT SCIENCE



**Stephen C. Chen, PhD**  
*Chair*

The Division of Exercise and Sport Science of the School of Health Professions offers majors in Personal Training, Kinesiology and Sport Management, and minors in Coaching and Kinesiology. Courses in the division are offered for students who desire knowledge and skills in fitness training, wellness coaching, exercise science, sport management and coaching. Courses are also available as general electives.

## PURPOSE

Courses in the division support the University's goal to build Christlike character as well as provide instruction in fitness training, wellness coaching, exercise science, sport management and coaching. The division prepares students for work in coaching, recreation centers and fitness facilities.

## GOALS

The student will ...

- Articulate a biblical foundation in regard to health, fitness and recreation professions as service and ministry opportunities.
- Properly administer fitness and recreational programs based on assessments and needs of a variety of populations.
- Evaluate past and current health and fitness trends based on sound scientific principles.

## COACHING MINOR

The Coaching minor provides preparation for coaching in schools and instruction in the administration of community and church recreation programs. It also prepares students for a camp ministry or work on the mission field. A coaching practicum complements classroom instruction and provides valuable practical experience.

A minor in Coaching consists of ESS 212 First Responder (3), ESS 216 Coaching Principles (3), ESS 250 Prevention/Care of Athletic Injuries (3), four credits with an ESS prefix, and five credits of coaching electives from ESS 301 Coaching Basketball (2), ESS 313 Coaching Soccer (2), ESS 319 Coaching Volleyball (2), or ESS 320 Coaching Softball (2).

## Associate of Science, **Personal Training**

Vickie C. Britton, MA  
Program Coordinator

### Personal Training Program Summary

Major .....	21
BJU Core .....	27
Electives .....	12
<b>Total (minimum).....</b>	<b>60</b>

### DEGREE COURSES

#### Major: 21 credits

ESS 200	Sport Sociology (3)
ESS 206	Wellness Concepts (3)
ESS 212	First Responder (3)
ESS 250	Prevention/Care of Athletic Injuries (3)
ESS 260	Advanced Concepts Personal Training I (3)
ESS 261	Advanced Concepts Personal Training II (3)
ESS 335	Psychology of Physical Activity (3)

#### BJU Core: 27 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
En 102	Composition & Rhetoric (3) <i>English Composition (3)</i>
Com 101	Fundamentals of Speech (3)
Uni 101	Pathways (3)
	<i>Mathematics or Science Elective (3)</i>
SSE 200	Foundations of Economics (3)
FA 125	Christianity & the Arts (3)

#### Electives: 12 credits

The Associate of Science major in Personal Training curriculum provides a broad background examining the acute and chronic physiological effects of exercise and physical activity on individuals of all ages for optimal health and fitness, and the promotion of a physically active lifestyle. Graduates will be able to conduct health and fitness assessments, design safe and effective exercise programs for health, fitness and sports performance enhancement, conduct a variety of individual and group exercise programs, and incorporate techniques for injury prevention and care in physically active environments.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Conduct accurate health and fitness assessments using appropriate techniques for a variety of populations.
- Formulate safe and effective exercise prescriptions and programming of a variety of populations.
- Implement current technology to support in-depth inquiry and professional practice.

### SUGGESTED SCHEDULE

#### First Year

Uni 101	Pathways (3)	En 102	Composition & Rhetoric (3)
Bi 205	OT Literature & Interpretation (3)	ESS 206	Wellness Concepts (3)
FA 125	Christianity & the Arts (3)	ESS 260	Adv Concepts Personal Training I (3)
	English Composition (3)	Com 101	Fundamentals of Speech (3)
	Electives (3)		Mathematics or Science Elective (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

#### Second Year

ESS 212	First Responder (3)	SSE 200	Foundations of Economics (3)
ESS 261	Adv Concepts Personal Training II (3)	ESS 200	Sport Sociology (3)
ESS 335	Psychology of Physical Activity (3)	ESS 250	Prevention/Care of Athletic Injuries (3)
Bi 209	NT Literature & Interpretation (3)		Electives (6)
	Electives (3)		<b>Total Credits: 15</b>
	<b>Total Credits: 15</b>		

## KINESIOLOGY MINOR

The Kinesiology minor is designed for students who wish to engage in the study of exercise science, but do not wish to major in Kinesiology. This minor develops a background in fitness, wellness and exercise leadership.

A minor in Kinesiology consists of Bio 303 Human Anatomy & Physiology I (4), Bio 304 Human Anatomy & Physiology II (4) and either ESS 321 Biomechanics of Human Movement (3) or Ess 422 Physiology of Muscular Activity (4) and nine credits of the following: FN 340 Sports Nutrition (4), ESS 206 Wellness Concepts (3), ESS 216 Coaching Principles (3), ESS 250 Prevention/Care of Athletic Injuries (3), ESS 335 Psychology of Physical Activite (3), ESS 423 Motor Learning (3) or ESS 424 Research Methods in Exercise & Sports (3).

## Bachelor of Science, **Kinesiology**

**Stephen C. Chen, PhD**  
Program Coordinator

The Kinesiology major consists of a strong human science-based curriculum dedicated to the study of human movement and exercise as medicine. Students apply extensive knowledge gained from rigorous coursework to practical experience with real people through a combination of classroom, laboratory, practicum, independent study and internships. The Exercise Physiology concentration prepares students with the knowledge, skills and abilities necessary to become an effective, Christlike leader in a wide array of careers including fitness and wellness, worksite health promotion/corporate fitness, personal training, cardiac rehabilitation, strength and conditioning, and other related fields. This concentration offers additional nutrition and exercise science courses to prepare students for a career in clinical exercise, corporate/community fitness, personal training, strength and conditioning, sport science, or wellness management. The Sports Medicine and Rehabilitation concentration offers additional science courses for post-graduate study in rehabilitative sciences such as physical therapy, athletic training, occupational therapy, chiropractic medicine, orthotics and prosthetics, exercise physiology, sports psychology, health promotion, and sports nutrition. Because of the curriculum, Kinesiology students are well prepared to pass nationally recognized certification exams such as ACSM Certified Exercise Physiologist (ACSM-EP) offered by the American College of Sports Medicine or the Certified Strength and Conditioning Specialist (CSCS) offered by the National Strength and Conditioning Association. The program requires 52 to 54 credits in the major and supports the goals of the Division of Exercise and Sport Science.

### PROGRAM LEARNING OUTCOMES

The student will . . .

- Evaluate, interpret and integrate information from the scientific literature with critical thinking and analytical skills to solve problems related to physical activity and health.
- Apply clinical and laboratory skills pertaining to health screenings, fitness assessments and movement analysis for apparently healthy, clinical, and/or athletic populations.
- Design, administer and evaluate individualized wellness and fitness programs based on scientific principles and concepts in exercise science designed to reduce disease risk, avoid injuries and improve performance.
- Communicate effectively in verbal, written and technological forms with other health professionals and varied populations served.



## Kinesiology (Sports Medicine & Rehabilitation) Program Summary

Major .....	54
BJU Core .....	52
Electives .....	14
<b>Total (minimum).....</b>	<b>120</b>

## DEGREE COURSES

### Major: 54 credits

Bio 303	Human Anatomy & Physiology I (4)
Bio 304	Human Anatomy & Physiology II (4)
<i>Chemistry Elective<sup>1</sup> (4)</i>	
· Chm 103	General Chemistry (4)
· Chm 105	Foundations of Chemistry (4)
ESS 300	Exercise Testing & Prescription (4)
ESS 321	Biomechanics of Human Movement (3)
ESS 422	Physiology of Exercise (4)
ESS 423	Motor Learning (3)
ESS 427	Clinical Exercise Physiology (3)
ESS 450	Exercise Science Internship (6)
<i>Science/Social Science Electives<sup>3</sup>(19)</i>	

### BJU Core: 52 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communications for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
Ps 200	General Psychology (3)
<i>Biology Elective<sup>2</sup> (4)</i>	
· Bio 100	General Biology I (4)
· Bio 102	Principles of Biology (4)
Ma 320	Applied Statistics (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

14 credits and/or select a minor

## SUGGESTED SCHEDULE (Sports Medicine & Rehabilitation)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 303	Human Anatomy & Physiology I (4)
Bi 205	OT Literature & Interpretation (3)	Ps 200	General Psychology (3)
FA 125	Christianity & Arts (3)	Com 101	Fundamentals of Speech (3)
	Biology Elective <sup>2</sup> (4)	<b>Total Credits: 13</b>	
<b>Total Credits: 16</b>			

### Second Year

Bio 304	Human Anatomy & Physiology II (4)	Hi 101	The Making of the Modern World (3)
Bi 209	NT Literature & Interpretation (3)	ESS 300	Exercise Testing & Prescription (4)
	Chemistry Elective <sup>1</sup> (4)	Ph 200	Themes in Western Thought (3)
	Electives or Minor (3)	<i>English or Writing Elective (3)</i>	
<b>Total Credits: 14</b>		<i>Science/Social Science Elective<sup>3</sup>(4)</i>	
<b>Total Credits: 17</b>			

### Third Year

ESS 321	Biomechanics of Human Movement (3)	ESS 450	Exercise Science Internship (6)
ESS 422	Physiology of Exercise (4)	Th 360	Bible Doctrines (3)
Th 350	Bible Doctrines (3)	<i>Science/Social Science Elective<sup>3</sup>(3)</i>	
	Science/Social Science Elective <sup>3</sup> (4)	<i>Science/Social Science Elective<sup>3</sup>(4)</i>	
<b>Total Credits: 14</b>			

### Fourth Year

Ma 320	Applied Statistics (3)	ESS 423	Motor Learning (3)
Th 499	Apologetics & Worldview (3)	ESS 427	Clinical Exercise Physiology (3)
Com 410	Oral Comm for the Professions (3)	<i>Science/Social Science Elective<sup>3</sup>(4)</i>	
	Electives or Minor (6)	<i>Electives or Minor (5)</i>	
<b>Total Credits: 15</b>			

<sup>1</sup> Student will consult with his or her advisor to determine appropriate course selection: Chm 103 General Chemistry or Chm 105 Foundational of Chemistry.

<sup>2</sup> Student will consult with his or her advisor to determine appropriate course selection: Bio 100 General Biology I or Bio 102 Principles of Biology.

<sup>3</sup> Student will consult with his or her advisor to determine appropriate course selection for Science/Social Science Electives.

Kinesiology Sports Medicine & Rehabilitation candidacy will be determined by a faculty committee's evaluation of the student's performance in key courses no earlier than the end of the sophomore year. Students taking more than four semesters to complete them will be evaluated at that time.

## Kinesiology (Sports Medicine & Rehabilitation)

### PROGRAM LEARNING OUTCOME

The student will . . .

- Interpret and critique experimental data and study designs, generate testable hypotheses and design valid experiments to test hypotheses in the laboratory or clinical setting.

## Kinesiology (Exercise Physiology) Program Summary

Major .....	52
BJU Core .....	52
Electives .....	16
<b>Total (minimum).....</b>	<b>120</b>

## DEGREE COURSES

### Major: 52 credits

Bio 303	Human Anatomy & Physiology I (4)
Bio 304	Human Anatomy & Physiology II (4)
<i>Chemistry Elective<sup>1</sup> (4)</i>	
· Chm 103	General Chemistry (4)
· Chm 105	Foundational of Chemistry (4)
ESS 206	Wellness Concepts (3)
ESS 300	Exercise Testing & Prescription (4)
ESS 321	Biomechanics of Human Movement (3)
ESS 333	Professional Fitness Training Practicum (3)
ESS 335	Psychology of Physical Activity (3)
ESS 422	Physiology of Exercise (4)
ESS 423	Motor Learning (3)
ESS 427	Clinical Exercise Physiology (3)
ESS 429	Professional Certification Preparation (2)
ESS 450	Exercise Science Internship (6)
<i>ESS Elective (200/400-level) (3)</i>	
<i>Nutrition or Psychology Elective (3)</i>	

### BJU Core: 52 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communications for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
Ps 200	General Psychology (3)
<i>Biology Elective<sup>2</sup> (4)</i>	
· Bio 100	General Biology I (4)
· Bio 102	Principles of Biology (4)
Ma 320	Applied Statistics (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

16 credits and/or select a minor

## SUGGESTED SCHEDULE (Exercise Physiology)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 303	Human Anatomy & Physiology I (4)
Bi 205	OT Literature & Interpretation (3)	ESS 206	Wellness Concepts (3)
FA 125	Christianity & Arts (3)	Com 101	Fundamentals of Speech (3)
	Biology Elective <sup>2</sup> (4)	<b>Total Credits: 13</b>	
<b>Total Credits: 16</b>			

### Second Year

Bio 304	Human Anatomy & Physiology II (4)	Hi 101	The Making of the Modern World (3)
Bi 209	NT Literature & Interpretation (3)	Ps 200	General Psychology (3)
	Chemistry Elective <sup>1</sup> (4)	ESS 300	Exercise Testing & Prescription (4)
	Elective or Minor (3)	Ph 200	Themes in Western Thought (3)
<b>Total Credits: 14</b>		<b>Total Credits: 16</b>	

### Third Year

ESS 321	Biomechanics of Human Movement (3)	ESS 333	Prof Fitness Training Practicum (3)
ESS 335	Psychology of Physical Activity (3)	ESS 427	Clinical Exercise Physiology (3)
ESS 422	Physiology of Exercise (4)	Th 360	Bible Doctrines (3)
Th 350	Bible Doctrines (3)	Com 410	Oral Comm for the Professions (3)
	Elective or Minor (3)	<i>Nutrition or Psychology Elective (3)</i>	
<b>Total Credits: 16</b>		<b>Total Credits: 15</b>	

### Fourth Year

Ma 320	Applied Statistics (3)	ESS 423	Motor Learning (3)
ESS 429	Professional Certification Prep (2)	ESS 450	Exercise Science Internship (6)
Th 499	Apologetics & Worldview (3)	<b>Total Credits: 15</b>	
	ESS Elective (200/400-level) (3)		
	Electives or Minor (4)		
<b>Total Credits: 15</b>			

<sup>1</sup> Student will consult with his or her advisor to determine appropriate course selection: Chm 103 General Chemistry or Chm 105 Foundational of Chemistry.

<sup>2</sup> Student will consult with his or her advisor to determine appropriate course selection: Bio 100 General Biology I or Bio 102 Principles of Biology.

## Kinesiology (Exercise Physiology)

### PROGRAM LEARNING OUTCOME

The student will . . .

- Qualify for national certification exams offered by the American College of Sports Medicine (ACSM) and/or the National Strength and Conditioning Association's (NSCA).



## Bachelor of Science, **Sport Management**

**Anthony W. Miller, EdD**  
*Program Coordinator*

The Sport Management major offers preparation in the application of business principles to the sport industry. Students will complete a degree program that includes courses in accounting, law, ethics, management, marketing and psychology.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Communicate a sport management philosophy based on a biblical worldview.
- Create a sport marketing plan.
- Apply legal and ethical concepts to sport management.
- Execute financial skills required in sport management.
- Experience supervised, meaningful work in a sport-related organization based upon his or her desired future career.

## Sport Management Program Summary

Major .....	42
BJU Core .....	51
Electives .....	27
<b>Total (minimum).....</b>	<b>120</b>

## DEGREE COURSES

### Major: 42 credits

ESS 101	Introduction to Sport Management (3)
ESS 200	Sport Sociology (3)
ESS 202	Sport Facilities Management (3)
ESS 302	Sport Marketing & Communication (3)
ESS 335	Psychology of Physical Activity (3)
ESS 336	Legal & Ethical Issues in Sport (3)
ESS 337	Social Media in Sports (3)
ESS 440	Sport Management Internship (6)
Ac 103	Introduction to Accounting (3)
BA 203	Principles of Management (3)
BA 301	Legal Environment & Ethics of Business (3)
Mkt 205	Principles of Marketing (3)
Fin 201	Corporate Finance (3)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communications for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundational of Economics (3)
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

27 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 101	The Making of the Modern World (3)
Bi 205	OT Literature & Interpretation (3)	ESS 101	Introduction to Sport Management (3)
FA 125	Christianity & the Arts (3)	Com 101	Fundamentals of Speech (3)
Ac 103	Introduction to Accounting I (3)		Math/Computer or Science Elective (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Second Year

SSE 200	Foundations of Economics (3)	Sc 200	Essential Science (3)
Bi 209	NT Literature & Interpretation (3)	ESS 200	Sport & Sociology (3)
Mkt 205	Principles of Marketing (3)	ESS 202	Sport Facilities Management (3)
	English or Writing Elective (3)	Ph 200	Themes in Western Thought (3)
	Electives or Minor (3)	Fin 201	Corporate Finance (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Third Year

ESS 302	Sport Marketing & Communication (3)	ESS 336	Legal & Ethical Issues in Sport (3)
ESS 335	Psychology of Physical Activity (3)	Th 360	Bible Doctrines (3)
Th 350	Bible Doctrines (3)	BA 203	Principles of Management (3)
Com 410	Oral Comm for the Professions (3)		Electives or Minor (6)
	Electives or Minor (3)	<b>Total Credits: 15</b>	
<b>Total Credits: 15</b>			

### Fourth Year

ESS 337	Social Media in Sports (3)	ESS 440	Sport Management Internship (6)
Th 499	Apologetics & Worldview (3)		Electives or Minor (9)
BA 301	Legal Environment & Ethics of Business (3)	<b>Total Credits: 15</b>	
	Electives or Minor (6)		
<b>Total Credits: 15</b>			



Amy M. Hicks, PhD, MPH  
Chair

## DIVISION OF HEALTH SCIENCES

The Division offers majors in preprofessional programs for Communication Disorders, Health Sciences, Premed/Preudent and Public Health/Global Health, and minors in Communication Disorders, Health Sciences, Nutrition and Public Health/Global Health. Courses are offered in this division for majors. Courses are available as general electives.

### PURPOSE

The Division of Health Sciences prepares students academically and spiritually to function in a variety of fields focusing on improving health and wellbeing. It teaches students to think critically about their disciplines and to incorporate a biblical framework in dealing with the needs encountered in health care. The curriculum and instruction support the University's commitment to provide an outstanding Christian liberal arts education that will inspire students to live a life of learning, loving and leading.

### GOALS

The student will ...

- Develop and communicate a biblical response to issues and questions in his or her discipline.
- Explain the foundational concepts and principles in his or her discipline.
- Evaluate and solve realistic problems in his or her discipline.
- Apply the skills necessary to carry out his or her discipline.

### COMMUNICATION DISORDERS MINOR

The Communication Disorders minor focuses on coursework and experiences that prepare the student for graduate work in the field of speech-language pathology.

A minor in Communication Disorders includes the following courses: CD 206 Introduction to Communicative Disorders (3), CD 207 Anatomy of Speech/Hearing Mechanism (3), CD 208 Clinical Application of Phonetics (3), CD 302 Normal Language Development (3), CD 303 Articulation & Phonology (4), and CD 401 Language Disorders in Children (4).



## Bachelor of Science, **Communication Disorders**

**David A. Eoute Jr., PhD**  
*Program Coordinator*

### Communication Disorders Program Summary

Major .....	47
BJU Core .....	51
Electives .....	22
<b>Total (minimum).....</b>	<b>120</b>

The Communication Disorders major provides an education that meets pre-professional entrance criteria for graduate work in speech-language pathology and audiology. The program is a composite major requiring 47 credits of course content covering the broad scope of communication, normal speech and language development, and speech and language disorders from a biblical worldview. Classroom instruction, clinical observations, written assignments and client interaction are carefully planned to ensure that the student is prepared to continue his education beyond the bachelor's degree in the field of speech-language pathology or audiology.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Assess communication development and the effects of communication disorders throughout the lifespan.
- Appraise assessment tools, intervention strategies and professional issues in the field of speech-language pathology.
- Evaluate theoretical constructs and current literature in the field of speech-language pathology.
- Apply knowledge of anatomy and physiology of the speech, language and cognitive processes to clinical practice

## DEGREE COURSES

### Major: 47 credits

CD 206	Introduction to Communication Disorders (3)
CD 207	Anatomy of Speech/Hearing Mechanism (3)
CD 208	Clinical Application of Phonetics (3)
CD 302	Normal Language Development (3)
CD 303	Articulation & Phonology (4)
CD 304	Introduction to Audiology (3)
CD 308	Diagnostic Methods/Speech-Lang Pathology (3)
CD 401	Language Disorders in Children (4)
CD 402	Neurogenic Language & Cognitive Disorders (3)
CD 404	Disorders of Fluency (3)
CD 405	Special Topics in Speech–Language Pathology (3)
CD 407	Therapeutic Methods & Clinical Tech (3)
CD 499	Clinical Practicum (6) <i>Chemistry or Physics Elective (3)</i>

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3) <i>English or Writing Elective (3)</i>
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communications for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
Ps 200	General Psychology (3)
Sc 103	Biological Science (3)
Ma 320	Applied Statistics (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

22 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Sc 103	Biological Science (3)
Ps 200	General Psychology (3)	CD 206	Intro to Communication Disorders (3)
Bi 205	OT Literature & Interpretation (3)	FA 125	Christianity & the Arts (3)
Com 101	Fundamentals of Speech (3)		Electives or Minor (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Second Year

CD 207	Anatomy of Speech/Hearing Mechanism (3)	Hi 101	The Making of the Modern World (3)
CD 302	Normal Language Development (3)	CD 208	Clinical Application of Phonetics (3)
Bi 209	NT Literature & Interpretation (3)	CD 308	Diagnostic Methods/Sp-Lang Pathology (3)
	Electives or Minor (6)	Ph 200	Themes in Western Thought (3)
	<b>Total Credits: 15</b>		English or writing Elective (3)
			<b>Total Credits: 15</b>

### Third Year

CD 303	Articulation & Phonology (4)	CD 401	Language Disorders in Children (4)
CD 304	Introduction to Audiology (3)	Th 360	Bible Doctrines (3)
CD 404	Disorders of Fluency (3)	Com 410	Oral Comm for the Professions (3)
Th 350	Bible Doctrines (3)		Chemistry or Physics Elective (3)
	Electives or Minor (2)		Electives or Minor (2)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Fourth Year

CD 407	Therapeutic Methods & Clinical Techn (3)	Ma 320	Applied Statistics (3)
CD 499	Clinical Practicum (6)	CD 402	Neurogenic Lang/Cognitive Disorders (3)
Th 499	Apologetics & Worldview (3)	CD 405	Topics in Speech-Language Pathology (3)
	Electives or Minor (3)		Electives or Minor (6)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

- During the semester of Clinical Practicum, students will register for CD 407: Therapeutic Methods and Clinical Technology as a two-week block course followed by 13 weeks of Clinical Practicum. Additional semester-long courses may be taken with approval from the student's advisor.
- Communication Disorders candidacy will be determined by a faculty committee's evaluation of the student's progress near the midpoint of his or her program.

Recommended minors: Biology, Counseling, English, Mathematics, Psychology, Spanish, Teaching English to Speakers of Other Languages

## HEALTH SCIENCES MINOR

The Health Sciences minor prepares students for work in health-related fields by providing them with a foundation of knowledge in health and wellness as well as an understanding of the current healthcare system.

The Health Sciences minor consists of HS 200 Introduction to Public Health (3) and fifteen credits in Health Sciences (HS), Foods & Nutrition (FN), Biology (Bio) or Chemistry (Chm), customized to the interest of the student.

## NUTRITION MINOR

The Nutrition minor provides valuable scientific insight into the relationship between human health and food choices. The application of the principles in this field are relevant to many areas, including health care, public health, medical missions, and the fitness industry.

The Nutrition minor consists of FN 260 Nutrition (3), FN 310 Food Planning & Preparation (3) and twelve credits in Foods & Nutrition (FN).

## Bachelor of Science, Health Sciences

### Melanie Schell, MPH Program Coordinator

#### Health Sciences (General) Program Summary

Major .....	49
BJU Core .....	52
Electives .....	19
<b>Total (minimum).....</b>	<b>120</b>

## DEGREE COURSES

### Major: 49 credits

Bio 220	Medical Terminology (1)
Bio 303	Human Anatomy & Physiology I (4)
Bio 304	Human Anatomy & Physiology II (4)
FN 260	Nutrition (3)
HS 200	Introduction to Public Health (3)
HS 300	Global Health (3)
HS 490	Health Sciences Internship (2)
<i>Biomedical/Research Ethics Elective<sup>1</sup> (3)</i>	
· HS 402	Biomedical Ethics (3)
· HS 415	Research Ethics (3)
<i>Health Sciences Electives (300/400-level) (12)</i>	
<i>Chemistry Elective<sup>2</sup> (4)</i>	
· Chm 103	General Chemistry I (4)
· Chm 105	Foundations of Chemistry (4)
<i>Chemistry Elective<sup>3</sup> (4)</i>	
· Chm 104	General Chemistry II (4)
· Chm 116	Introduction to Biochemical Metabolism (4)
Ma 103	College Algebra (3)
<i>Psychology Elective (200/400-level) (3)</i>	

The Health Sciences program provides the solid groundwork needed for a wide variety of health care professions. Specific concentrations are available in Health Care Administration, Nutrition, Pre-Pharmacy and Pre-Physician Assistant. The General Health Sciences concentration allows sets of courses to be utilized as preparation for a large number of additional careers in health care, including such diverse endpoints as Optometry and Occupational Health. Woven throughout the program is an explicit focus on applying biblical principles as a health science professional and generating a biblical philosophy of practice. This supports the University's mission statement of teaching our students to apply the scriptures to practical Christian living. The overall program supports the Division of Health Sciences' goal of producing graduates adept at the technical skills characteristic of their profession and requires 47–62 credits in the major. Those interested in pre-medicine or nursing should see the Premed/Preudent and Nursing programs, respectively.



**BJU Core: 52 credits**

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
English or	Writing Elective (3)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communications for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Biology Elective <sup>4</sup>	(4)
· Bio 100	General Biology I (4)
· Bio 102	Principles of Biology (4)
Ma 320	Applied Statistics (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

**Electives:**

19 credits and/or select a minor

**SUGGESTED SCHEDULE (General)****First Year**

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	FN 260	Nutrition (3)
Ma 103	College Algebra (3)	FA 125	Christianity & the Arts (3)
Bi 205	OT Literature & Interpretation (3)	Com 101	Fundamentals of Speech (3)
	Biology Elective <sup>4</sup> (4)		<b>Total Credits: 12</b>
	<b>Total Credits: 16</b>		

**Second Year**

Bio 220	Medical Terminology (1)	Bio 303	Human Anatomy & Physiology I (4)
SSE 200	Foundations of Economics (3)	Hi 101	The Making of the Modern World (3)
HS 200	Introduction to Public Health (3)	HS 300	Global Health (3)
	English or Writing Elective (3)	Bi 209	NT Literature & Interpretation (3)
	Electives or Minor (6)	Ph 200	Themes in Western Thought (3)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

**Third Year**

Bio 304	Human Anatomy & Physiology II (4)	Th 360	Bible Doctrines (3)
Th 350	Bible Doctrines (3)		Biomedical/Research Ethics Elective <sup>1</sup> (3)
	Chemistry Elective <sup>2</sup> (4)		Chemistry Elective <sup>3</sup> (4)
	Health Sciences Elective (300/400) <sup>4</sup> (3)		Health Sciences Elective (300/400) <sup>4</sup> (3)
	<b>Total Credits: 14</b>		Electives or Minor (3)
			<b>Total Credits: 16</b>

**Fourth Year**

Ma 320	Applied Statistics (3)	Com 410	Oral Comm for the Professions (3)
HS 490	Health Sciences Internship (2)		Health Sciences Elective (300/400-level) (3)
Th 499	Apologetics & Worldview (3)		Psychology Elective (200/400-level) (3)
	Health Sciences Elective (300/400-level) (3)		Electives or Minor (6)
	Electives or Minor (4)		<b>Total Credits: 15</b>
	<b>Total Credits: 15</b>		

<sup>1</sup> HS 402 Biomedical Ethics or HS 415 Research Ethics<sup>2</sup> Chm 103 General Chemistry I or Chm 105 Foundations of Chemistry<sup>3</sup> Chm 104 General Chemistry II or Chm 116 Introduction to Biochemical Metabolism<sup>4</sup> Student will consult with his or her advisor to determine appropriate course selection: Bio 100 General Biology I or Bio 102 Principles of Biology.**HEALTH SCIENCES (GENERAL) PROGRAM LEARNING OUTCOMES**

The student will . . .

- Develop a philosophy of health science practice that is biblically sound, scientifically supported, and consistent with best practices in the field.
- Describe the foundational relationships that exist between structures, processes, and information in biological systems.
- Apply the relationships between anatomy and physiology of the human body, and make correct predictions of the failure of homeostatic mechanisms.
- Apply the principles of health and health promotion, especially as they relate to the healthcare system.

## Health Sciences (Health Care Administration) Program Summary

Major .....	57
BJU Core .....	52
Electives .....	11
<b>Total (minimum).....</b>	<b>120</b>

## DEGREE COURSES

### Major: 57 credits

Bio 220	Medical Terminology (1)
Bio 303	Human Anatomy & Physiology I (4)
Bio 304	Human Anatomy & Physiology II (4)
FN 260	Nutrition (3)
HS 200	Introduction to Public Health (3)
HS 300	Global Health (3)
HS 305	Health Care Delivery & Organization (3)
HS 310	Population Health Management (3)
HS 407	Health Care Management (3)
HS 490	Health Sciences Internship (2)
<i>Biomedical/Research Ethics Elective<sup>2</sup> (3)</i>	
· HS 402	Biomedical Ethics (3)
· HS 415	Research Ethics (3)
Chm 105	Foundations of Chemistry (4)
Ma 103	College Algebra (3)
SSE 210	Economics for the Professional (3)
<i>Psychology Elective (200/400-level) (3)</i>	
Ac 203	Principles of Accounting (3)
BA 215	Introduction to Human Resources Management (3)
Fin 201	Corporate Finance (3)
Mkt 205	Principles of Marketing (3)

### BJU Core: 52 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communications for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Bio 102	Principles of Biology (4)
Ma 320	Applied Statistics (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

11 credits and/or select a minor

## Jessica L. Minor, PhD Program Coordinator

## SUGGESTED SCHEDULE (Health Care Administration)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 303	Human Anatomy & Physiology I (4)
Bio 102	Principles of Biology (4)	FN 260	Nutrition (3)
Ma 103	College Algebra (3)	FA 125	Christianity & the Arts (3)
Bi 205	OT Literature & Interpretation (3)	Com 101	Fundamentals of Speech (3)
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

### Second Year

Bio 220	Medical Terminology (1)	Hi 101	The Making of the Modern World (3)
Bio 304	Human Anatomy & Physiology II (4)	HS 300	Global Health (3)
HS 200	Introduction to Public Health (3)	Bi 209	NT Literature & Interpretation (3)
<i>English or Writing Elective (3)</i>		Ph 200	Themes in Western Thought (3)
<i>Electives or Minor (3)</i>		Ac 203	Principles of Accounting I (3)
<b>Total Credits: 14</b>		<b>Total Credits: 15</b>	

### Third Year

Chm 105	Foundations of Chemistry (4)	SSE 200	Foundations of Economics (3)
Ma 320	Applied Statistics (3)	HS 310	Population Health Management (3)
HS 305	Health Care Delivery & Organization (3)	Th 360	Bible Doctrines (3)
Th 350	Bible Doctrines (3)	BA 215	Intro to Human Resources Mgmt (3)
Mkt 205	Principles of Marketing (3)	<i>Biomedical/Research Ethics Elective<sup>1</sup> (3)</i>	
<b>Total Credits: 16</b>		<b>Total Credits: 15</b>	

### Fourth Year

HS 407	Health Care Management (3)	SSE 210	Economics for the Professional (3)
Th 499	Apologetics & Worldview (3)	HS 490	Health Sciences Internship (2)
Fin 201	Corporate Finance (3)	Com 410	Oral Comm for the Professions (3)
<i>Electives or Minor (5)</i>		<i>Psychology Elective (200/400-level) (3)</i>	
<b>Total Credits: 14</b>		<i>Electives or Minor (3)</i>	
		<b>Total Credits: 14</b>	

<sup>1</sup> HS 402 Biomedical Ethics or HS 415 Research Ethics

## HEALTH SCIENCES (HEALTH CARE ADMINISTRATION) PROGRAM LEARNING OUTCOMES

The student will . . .

- Develop a philosophy of health care administration that is biblically sound, scientifically supported, and consistent with best practices in the field.
- Apply the relationships between anatomy and physiology of the human body, and make correct predictions of the failure of homeostatic mechanisms.
- Apply the principles of health promotion and disease prevention within the context of the health care system.
- Analyze the influence of cultural, social, and economic factors on health practices from an individual and population health perspective.
- Analyze the components of health care delivery through a systems-level approach.
- Apply appropriate business principles to decision-making within the health care industry.

## Health Sciences (Nutrition) Program Summary

Major .....	50
BJU Core .....	52
Electives .....	18
<b>Total (minimum) .....</b>	<b>120</b>

## DEGREE COURSES

### Major: 50 credits

Bio 220	Medical Terminology (1)
Bio 303	Human Anatomy & Physiology I (4)
Bio 304	Human Anatomy & Physiology II (4)
Bio 308	Microbiology for Health Science (4)
FN 260	Nutrition (3)
FN 300	Food Science (3)
FN 365	Nutrient Biochemistry (3)
FN 380	Nutrition & Disease (3)
HS 200	Introduction to Public Health (3)
HS 300	Global Health (3)
HS 415	Research Ethics (3)
HS 435	Principles of Health Education & Promotion (3)
HS 490	Health Sciences Internship (2)
Chm 105	Foundations of Chemistry (4)
Chm 116	Introduction to Biochemical Metabolism (4)
Ps 203	Human Growth & Development (3)

### BJU Core: 52 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
English or Writing Elective	(3)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communications for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Bio 102	Principles of Biology (4)
Ma 320	Applied Statistics (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

18 credits and/or select a minor

## Melanie H. Schell, MPH Program Coordinator

## SUGGESTED SCHEDULE (Nutrition)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 308	Microbiology for Health Science (4)
Bio 102	Principles of Biology (4)	FN 260	Nutrition (3)
HS 200	Introduction to Public Health (3)	FA 125	Christianity & the Arts (3)
Bi 205	OT Literature & Interpretation (3)	Com 101	Fundamentals of Speech (3)
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

### Second Year

Chm 105	Foundations of Chemistry (4)	Chm 116	Intro to Biochemical Metabolism (4)
SSE 200	Foundations of Economics (3)	Hi 101	The Making of the Modern World (3)
Bi 209	NT Literature & Interpretation (3)	FN 300	Food Science (3)
	English or Writing Elective (3)	HS 300	Global Health (3)
	Electives or Minor (3)	Ph 200	Themes in Western Thought (3)
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

### Third Year

Bio 220	Medical Terminology (1)	Bio 303	Human Anatomy & Physiology I (4)
Ps 203	Human Growth & Development (3)	Ma 320	Applied Statistics (3)
FN 365	Nutrient Biochemistry (3)	Th 360	Bible Doctrines (3)
FN 380	Nutrition & Disease (3)	Com 410	Oral Comm for the Professions (3)
Th 350	Bible Doctrines (3)	<b>Total Credits: 13</b>	
<b>Total Credits: 13</b>			

### Fourth Year

Bio 304	Human Anatomy & Physiology II (4)	HS 335	Health Education & Promotion (3)
HS 415	Research Ethics (3)	Th 499	Apologetics & Worldview (3)
HS 490	Health Sciences Internship (2)		Electives or Minor (9)
	Electives or Minor (6)	<b>Total Credits: 15</b>	
<b>Total Credits: 15</b>			

## HEALTH SCIENCES (NUTRITION) PROGRAM LEARNING OUTCOMES

The student will . . .

- Develop a philosophy of health science practice that is biblically sound, scientifically supported, and consistent with best practices in the field.
- Describe the foundational relationships that exist between structures, processes, and information in biological systems.
- Apply the relationships between anatomy and physiology of the human body, and make correct predictions of the failure of homeostatic mechanisms.
- Apply the principles of health and health promotion.
- Evaluate the essential nutrient needs of the human body for maintaining health and preventing disease.

## Health Sciences (Pre-Pharmacy) Program Summary

Major .....	61
BJU Core .....	52
Electives.....	7
<b>Total (minimum).....</b>	<b>120</b>

## DEGREE COURSES

### Major: 61 credits

Bio 101	General Biology II (4)
Bio 303	Human Anatomy & Physiology I (4)
Bio 304	Human Anatomy & Physiology II (4)
Bio 308	Microbiology for Health Science (4)
Bio 330	Biostatistics (3)
FN 260	Nutrition (3)
HS 200	Introduction to Public Health (3)
HS 300	Global Health (3)
HS 305	Health Care Delivery & Organization (3)
HS 320	Principles of Pharmacology (3)
HS 402	Biomedical Ethics (3)
HS 420	Independent Study (1)
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Chm 203	Organic Chemistry I (4)
Chm 204	Organic Chemistry II (4)
Phy 101	Introductory Physics (4)
	<i>Psychology Elective (200/400-level) (3)</i>

### BJU Core: 52 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	<i>English or Writing Elective (3)</i>
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communications for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Bio 100	General Biology (4)
Ma 320	Applied Statistics (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

7 credits and/or select a minor

## Brian S. Vogt, PhD Program Coordinator

## SUGGESTED SCHEDULE (Pre-Pharmacy)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 101	General Biology II (4)
Bio 100	General Biology I (4)	FN 260	Nutrition (3)
Ma 180	Applied Calculus (3)	FA 125	Christianity & to the Arts (3)
Bi 205	OT Literature & Interpretation (3)	Com 101	Fundamentals of Speech (3)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

### Second Year

Chm 103	General Chemistry I (4)	Bio 303	Human Anatomy & Physiology I (4)
HS 200	Introduction to Public Health (3)	Chm 104	General Chemistry II (4)
Ph 200	Themes in Western Thought (3)	Hi 101	The Making of the Modern World (3)
	English or Writing Elective (3)	HS 300	Global Health (3)
	Electives or Minor (3)	Bi 209	NT Literature & Interpretation (3)
	<b>Total Credits: 16</b>		<b>Total Credits: 17</b>

### Third Year

Bio 304	Human Anatomy & Physiology II (4)	Bio 308	Microbiology for Health Science (4)
Chm 203	Organic Chemistry I (4)	Chm 204	Organic Chemistry II (4)
HS 305	Health Care Delivery & Organization (3)	HS 402	Biomedical Ethics (3)
Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
	<b>Total Credits: 14</b>		<b>Total Credits: 14</b>

### Fourth Year

Bio 330	Biostatistics (3)	SSE 200	Foundations of Economics (3)
Phy 101	Introductory Physics (4)	HS 420	Independent Study (1)
HS 320	Principles of Pharmacology (3)	Com 410	Oral Comm for the Professions (3)
Th 499	Apologetics & Worldview (3)		Psychology Elective (200/400-level) (3)
	<b>Total Credits: 13</b>		Electives or Minor (4)
			<b>Total Credits: 14</b>

Health Science Pre-Pharmacy candidacy will be determined by a faculty committee's evaluation of the student's performance in key courses no earlier than the end of the sophomore year. Students taking more than four semesters to complete them will be evaluated at that time.

## HEALTH SCIENCES (PRE-PHARMACY) PROGRAM LEARNING OUTCOMES

The student will . . .

- Develop a philosophy of pharmaceutical science that is biblically sound, scientifically supported, and consistent with best practices in the field.
- Describe the foundational relationships that exist between structures, processes, and information in biological systems.
- Apply the relationships between anatomy and physiology of the human body, and make correct predictions of the failure of homeostatic mechanisms.
- Apply the fundamental principles of chemistry, especially as they relate to the pharmaceutical sciences.
- Apply the principles of health and health promotion, especially as they relate to the appropriate use of pharmaceuticals within the health care system.

## Health Sciences (Pre-Physician Assistant) Program Summary

Major .....	52
BJU Core .....	52
Electives .....	16
<b>Total (minimum).....</b>	<b>120</b>

## DEGREE COURSES

### Major: 52 credits

Bio 101	General Biology II (4)
Bio 220	Medical Terminology (1)
Bio 303	Human Anatomy & Physiology I (4)
Bio 304	Human Anatomy & Physiology II (4)
Bio 305	Essentials of Cell Biology (4)
Bio 308	Microbiology for Health Science (4)
Bio 490	Student Medical Internship (1)
FN 260	Nutrition (3)
HS 200	Introduction to Public Health (3)
HS 300	Global Health (3)
HS 402	Biomedical Ethics (3)
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Chm 206	Essential Organic Chemistry (4)
Ma 103	College Algebra (3)
Psychology	Elective (200/400-level) (3)

### BJU Core: 52 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
English or	Writing Elective (3)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communications for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Bio 100	General Biology (4)
Ma 320	Applied Statistics (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

16 credits and/or select a minor

## Amy V. Tuck, PhD Program Coordinator

## SUGGESTED SCHEDULE (Pre-Physician Assistant)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 101	General Biology II (4)
Bio 100	General Biology I (4)	FN 260	Nutrition (3)
Ma 103	College Algebra (3)	FA 125	Christianity & to the Arts (3)
Bi 205	OT Literature & Interpretation (3)	Com 101	Fundamentals of Speech (3)
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

### Second Year

Bio 220	Medical Terminology (1)	Bio 303	Human Anatomy & Physiology I (4)
Chm 103	General Chemistry I (4)	Chm 104	General Chemistry II (4)
HS 200	Introduction to Public Health (3)	Hi 101	The Making of the Modern World (3)
Bi 209	NT Literature & Interpretation (3)	HS 300	Global Health (3)
	English or Writing Elective (3)	<b>Total Credits: 14</b>	
	Electives or Minor (3)		
<b>Total Credits: 17</b>			

### Third Year

Bio 304	Human Anatomy & Physiology II (4)	Bio 308	Microbiology for Health Science (4)
Bio 305	Essentials of Cell Biology (4)	HS 402	Biomedical Ethics (3)
Ma 320	Applied Statistics (3)	Th 360	Bible Doctrines (3)
Th 350	Bible Doctrines (3)	Ph 200	Themes in Western Thought (3)
<b>Total Credits: 14</b>		<b>Total Credits: 13</b>	

### Fourth Year

Chm 206	Essential Organic Chemistry (4)	Bio 490	Student Medical Internship (1)
Th 499	Apologetics & Worldview (3)	SSE 200	Foundations of Economics (3)
	Psychology Elective (200/400-level) (3)	Com 410	Oral Comm for the Professions (3)
	Electives or Minor (5)		Electives or Minor (8)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

Health Science Pre-Physician Assistant candidacy will be determined by a faculty committee's evaluation of the student's performance in key courses no earlier than the end of the sophomore year. Students taking more than four semesters to complete them will be evaluated at that time.

## HEALTH SCIENCES (PRE-PHYSICIAN ASSISTANT) PROGRAM LEARNING OUTCOMES

The student will . . .

- Develop a philosophy of medicine that is biblically sound, scientifically supported, and consistent with best practices in the field.
- Analyze the interrelationship among basic life processes and substances from a biological and biochemical perspective with emphasis on the role of information and energy transduction.
- Apply the relationships of structure and function within the anatomy and physiology of the human body, and make correct predictions of the failure of homeostatic mechanisms.
- Apply the principles of health promotion and disease prevention within the context of health care.
- Interpret and critically evaluate experimental data in laboratory and literature environments and articulate appropriate conclusions

## PUBLIC HEALTH/GLOBAL HEALTH MINOR

The Public Health/ Global Health minor enables students to understand how the principles of public and community health apply to their diverse career paths. This minor is designed to complement a variety of careers that intersect with health and wellness including social work, medicine, nursing, physician assistant, physical therapy, occupational therapy, missions, anthropology, and engineering.

The Public Health/Global Health minor consists of HS 200 Introduction to Public Health (3), HS 300 Global Health (3), FN 260 Nutrition (3) and nine credits in Health Sciences (HS), Foods & Nutrition (FN), Biology (Bio) or Chemistry (Chm).

## Bachelor of Science, Public Health/Global Health

Amy M. Hicks, PhD, MPH  
Program Coordinator

### Health Sciences (Public Health/ Global Health) Program Summary

Major .....	58
BJU Core .....	52
Electives .....	10
<b>Total (minimum).....</b>	<b>120</b>

## DEGREE COURSES

Major: 58 credits

Bio 220	Medical Terminology (1)
Bio 303	Human Anatomy & Physiology I (4)
Bio 304	Human Anatomy & Physiology II (4)
Bio 308	Microbiology for Health Science (4)
FN 260	Nutrition (3)
HS 200	Introduction to Public Health (3)
HS 300	Global Health (3)
HS 301	Epidemiology (3)
HS 305	Health Care Delivery & Organization (3)
HS 310	Population Health Management (3)
HS 350	Environmental & Occupational Health (3)
HS 414	Public Health Research Methods (3)
HS 415	Research Ethics (3)
HS 435	Health Education & Promotion (3)
HS 440	Global Health Program Management (3)
HS 490	Health Sciences Internship (2)
Chm 105	Foundations of Chemistry (4)
Ma 103	College Algebra (3)
SSS 504	Cultural Anthropology (3)

Public/Global Health focuses on the health and wellness of communities and countries. Some of the goals of both Public and Global Health include promoting healthy habits, discouraging risky behaviors, decreasing health disparities, increasing access to care, and encouraging community involvement. Public health departments work with multiple agencies, schools, and community programs in order to encourage the health of the public. This major focuses on areas of public policy, education, research, disease identification, emergency preparedness, and community outreach programs. Students can find jobs in several different settings including the public sector, private sector, non-profit agencies, and academic departments.

## PROGRAM LEARNING OUTCOMES

The student will ...

- Develop a philosophy of public health that is biblically sound, scientifically supported, and consistent with best practices in the field.
- Analyze the interrelationship among basic life processes and substances from a biological perspective with emphasis on disease transmission and progression.
- Apply the relationships between anatomy and physiology of the human body and make correct predictions of the failure of homeostatic mechanisms.
- Apply the principles of health promotion and disease prevention within the context of community health.
- Analyze the influence of cultural, social, and economic factors on health practices from an individual and population health perspective.

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 303	Human Anatomy & Physiology I (4)
HS 200	Introduction to Public Health (3)	HS 300	Global Health (3)
Com 101	Fundamentals of Speech (3)	Bi 205	OT Literature & Interpretation (3)
	Biology Elective <sup>1</sup> (4)	FA 125	Christianity & to the Arts (3)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

**BJU Core: 52 credits**

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
English or	Writing Elective (3)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communications for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
<i>Psychology Elective (200/400-level) (3)</i>	
<i>Biology Elective<sup>1</sup> (4)</i>	
· Bio 100	General Biology I (4)
· Bio 102	Principles of Biology (4)
Bio 330	Biostatistics (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

**Electives:**

10 credits and/or select a minor

**Second Year**

Bio 304	Human Anatomy & Physiology II (4)	Bio 308	Microbiology for Health Science (4)
HS 305	Health Care Delivery & Organization (3)	Ma 103	College Algebra (3)
Bi 209	NT Literature & Interpretation (3)	Hi 101	The Making of the Modern World (3)
	English or Writing Elective (3)	FN 260	Nutrition (3)
	Electives or Minor (3)	Ph 200	Themes in Western Thought (3)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

**Third Year**

Bio 220	Medical Terminology (1)	HS 301	Epidemiology (3)
Bio 330	Biostatistics (3)	HS 310	Population Health Management (3)
Chm 105	Foundations of Chemistry (4)	HS 414	Public Health Research Methods (3)
HS 350	Environmental & Occupational Health (3)	Th 360	Bible Doctrines (3)
Th 350	Bible Doctrines (3)		Psychology Elective (200/400-level) (3)
	<b>Total Credits: 14</b>		<b>Total Credits: 15</b>

**Fourth Year**

HS 415	Research Ethics (3)	SSS 504	Cultural Anthropology (3)
Th 499	Apologetics & Worldview (3)	HS 435	Health Education & Promotion (3)
Com 410	Oral Comm for the Professions (3)	HS 440	Global Health Program Management (3)
	Electives or Minor (5)	HS 490	Health Sciences Internship (2)
	<b>Total Credits: 14</b>		Electives or Minor (2)
			<b>Total Credits: 13</b>

<sup>1</sup>Student will consult with his or her advisor to determine appropriate course selection: Bio 100 General Biology I or Bio 102 Principles of Biology.



## Bachelor of Science, Premed/Predent

Marc A. Chetta, MD  
Program Coordinator

<b>Premed/Predent Program Summary</b>	
Major .....	69
BJU Core .....	52
<b>Total (minimum).....</b>	<b>121</b>

The Premed/Predent major provides the student an education that meets pre-professional entrance criteria for medical/dental schools. The student is prepared for the challenges of medical/dental school within the disciplines of biology, chemistry and physics. Because of its composition, the Premed/Predent major can serve also as preparation for graduate study in biology or chemistry, if desired. This program supports the divisional goals of students being able to explain the concepts and principles that underlie the factual knowledge in their discipline from a biblical worldview. This program requires 69 credits in the major.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Formulate a biblical philosophy of medicine incorporating observations and assessments of physicians/dentists in their ethical, professional and clinical environs.
- Analyze the interrelationship among basic life processes and substances from a biological, biochemical and biophysical perspective with special emphasis on the role of information and energy transduction.
- Critically and logically evaluate the limitations of science and the central concepts of neo-Darwinism and construct counter arguments against them.
- Interpret and critique experimental data and experimental designs, formulate testable hypotheses, and competently investigate hypotheses in the laboratory.
- Apply the relationship that exists between structure and function on the cellular, organ, system and human levels, and make correct predictions of the failure of homeostatic mechanisms, as well as the positioning of cells during development.
- Solve inheritance problems that demonstrate an understanding of fundamental transmission genetics and evaluate the role of epigenetic inheritance.
- Apply the central dogma of molecular biology as a limited explanatory model for information storage and regulation of gene expression.



## DEGREE COURSES

### Major: 69 credits

Bio 101	General Biology II (4)
Bio 300	Evolution & Origins (3)
Bio 305	Essentials of Cell Biology (4)
Bio 320	Human Physiology & Anatomy I (4)
Bio 321	Human Physiology & Anatomy II (4)
Bio 330	Biostatistics (3)
Bio 405	Genetics (4)
Bio 490	Student Medical Internship (1)
<i>Biology Electives (300/400-level) (8)</i>	
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Chm 206	Essential Organic Chemistry (4)
Chm 405	Biochemistry I (4)
Chm 406	Biochemistry II (4)
Phy 101	Introductory Physics (4)
Phy 102	Intermediate Physics (4)
Ps 450	Abnormal Psychology (3)
HS 402	Biomedical Ethics (3)

### BJU Core: 52 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communications for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSS 202	Introduction to Sociology (3)
Bio 100	General Biology I (4)
Ma 180	Applied Calculus <sup>1</sup> (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 101	General Biology II (4)
Bio 100	General Biology I (4)	Ma 180	Applied Calculus <sup>1</sup> (3)
Com 101	Fundamentals of Speech (3)	Hi 101	The Making of the Modern World (3)
<b>Total Credits: 13</b>		Bi 205	OT Literature & Interpretation (3)
<b>Total Credits: 16</b>			

### Second Year

Bio 305	Essentials of Cell Biology (4)	Bio 330	Biostatistics (3)
Chm 103	General Chemistry I (4)	Chm 104	General Chemistry II (4)
Ph 200	Themes in Western Thought (3)	Bi 209	NT Literature & Interpretation (3)
<i>English or Writing Elective (3)</i>		FA 125	Christianity & the Arts (3)
<b>Total Credits: 14</b>		<i>Biology Elective (300/400-level) (4)</i>	
<b>Total Credits: 17</b>			

### Third Year

Bio 320	Human Physiology & Anatomy I (4)	Bio 321	Human Physiology & Anatomy II (4)
Chm 206	Essential Organic Chemistry (4)	Bio 490	Student Medical Internship (1)
Phy 101	Introductory Physics Elective (4)	Phy 102	Intermediate Physics (4)
Ps 450	Abnormal Psychology (3)	Th 360	Bible Doctrines (3)
Th 350	Bible Doctrines (3)	<b>Total Credits: 12</b>	
<b>Total Credits: 18</b>			

### Fourth Year

Bio 300	Evolution & Origins (3)	Chm 406	Biochemistry II (4)
Bio 405	Genetics (4)	SSS 202	Introduction to Sociology (3)
Chm 405	Biochemistry I (4)	HS 402	Biomedical Ethics (3)
<i>Biology Elective (300/400-level) (4)</i>		Th 499	Apologetics & Worldview (3)
<b>Total Credits: 15</b>		Com 410	Oral Comm for the Professions (3)
<b>Total Credits: 16</b>			

<sup>1</sup> Students who place into Ma 103 must also take Ma 180. Students who place into Ma 105 must also take either Ma 180 or Ma 200. Students who place into Ma 200 need only 3 credits of mathematics at this level.

- Premed/Preudent candidacy will be determined by a faculty committee's evaluation of the student's performance after the sophomore year.
- Continuation in the Premed/Preudent program will be determined by a faculty committee evaluation of the student's performance after the sophomore year.

# DIVISION OF NURSING

The Division of Nursing offers a major in Nursing and an RN to BSN Completion program. The four-year baccalaureate degree program in Nursing has received full approval by the South Carolina State Board of Nursing.

## PURPOSE

The *Division of Nursing* prepares students academically, clinically and spiritually to function as health care professionals in a variety of clinical settings, such as hospitals, long-term care facilities, outpatient treatment centers, community-based care and the foreign mission field. The curriculum supports the University's commitment to build Christlike character in each student.

## GOALS

The student will ...

- Apply biblical principles and critical thinking skills in order to make decisions and solve problems in the health care field.
- Successfully establish and maintain therapeutic relationships in the health care setting.
- Exhibit professional behavior and apply evidence-based principles in the health care setting.
- Demonstrate knowledge, skills and attitudes characteristic of the nursing profession.



Megan G. Lanpher, MSN, ACNP-BC  
Chair

## Bachelor of Science in Nursing

Megan Lanpher, MSN, ACNP-BC  
Program Coordinator



The Nursing major provides preparation for serving God as a professional baccalaureate nurse generalist. All liberal arts and science courses are taught from a biblical Christian perspective; all nursing courses are based on the mission and philosophy of the Division of Nursing. The nursing program is accredited by the Commission on Collegiate Nursing Education (ccneaccreditation.org). The program is also approved by the South Carolina State Board of Nursing, and successful completion enables the graduate to apply to take the National Council Licensure Examination for Registered Nurses (NCLEX-RN). The BSN prepares the nurse for further education in graduate nursing specialization and effective Christian service. The program requires 70 credits in the major and has three academic years of nursing clinical courses.

At least three years of mathematics (including algebra, geometry and trigonometry) and at least three years of science (including a minimum of one year of chemistry and one year of biology) are recommended as high school preparation for the nursing program.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Implement safe patient-centered care that integrates critical thinking, problem-solving principles and evidence-based practice across the lifespan and in all health care settings.
- Utilize appropriate biblical worldview and ethical principles when applying clinical reasoning and judgment to make decisions and solve problems in the health care field.
- Utilize interpersonal communication skills in order to establish and maintain therapeutic and collaborative relationships in the health care setting.
- Demonstrate accountability for personal and professional behavior.
- Apply leadership principles to the management of care including collaboration with clients and health care professionals.

### NURSING CANDIDACY ACCEPTANCE TO NURSING CLINICAL COURSES

All students enrolling in the nursing program are considered pre-nursing until they are accepted to begin clinical courses following their first year of study. Each cohort of new clinical students for the fall semester is chosen during the spring of each year in a competitive admission process based on the eligibility requirements. Meeting the minimum eligibility requirements does not guarantee admission; space in each class is limited to the number of openings available for the nursing clinicals. Students enrolled in nursing clinical courses (Nu-prefixed courses 200 level and above) are required to provide their own transportation to clinical sites.

#### Eligibility Requirements

1. Completion of the Test of Essential Academic Skills administered through Assessment Technologies Inc. during the spring of each year, with a score on the proficient level or above given first priority for admission into clinical nursing courses.
2. Overall grade-point average of at least 2.75 for admission to the clinical courses.
3. Personal interview with the chair of the Division of Nursing.
4. Grades of C- or better in all science courses.

## Nursing Program Summary

Major .....	70
BJU Core .....	53
<b>Total (minimum).....</b>	<b>123</b>

## DEGREE COURSES

### Major: 70 credits

Bio 303	Human Anatomy & Physiology I (4)
Bio 304	Human Anatomy & Physiology II (4)
Bio 308	Microbiology for Health Science (4)
Nu 201	Health Assessment (3)
Nu 205	Fundamentals of Nursing (4)
Nu 210	Beginning Medical-Surgical Nursing (5)
Nu 212	Pharmacology (2)
Nu 214	Pathophysiology (3)
Nu 302	Advanced Pharmacology (2)
Nu 306	Pediatric Nursing (4)
Nu 308	Psychiatric Mental Health Nursing (4)
Nu 311	Intermediate Medical-Surgical Nursing (6)
Nu 317	Maternal Newborn Nursing (4)
Nu 404	Advanced Medical-Surgical Nursing (5)
Nu 408	Community Health Nursing (4)
Nu 411	Nursing Research (3)
Nu 413	Nursing Capstone Practicum (6)
Nu 415	Issues & Trends in Professional Nursing (3)

### BJU Core: 53 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communications for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
Ps 203	Human Growth & Development (3)
Bio 102	Principles of Biology (4)
Chm 105	Foundations of Chemistry (4)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

## Other Eligibility Recommendations

- Score of 20 or above on the math, science and composite scores of the ACT (above 23 preferred) or a minimum SAT math score of 550 and SAT composite of 1050 (above 1130 preferred).

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 303	Human Anatomy & Physiology I (4)
Bio 102	Principles of Biology (4)	Bi 209	NT Literature & Interpretation (3)
Chm 105	Foundations of Chemistry (4)	FA 125	Christianity & the Arts (3)
Bi 205	OT Literature & Interpretation (3)	Com 101	Fundamentals of Speech (3)
<b>Total Credits: 17</b>		<b>Total Credits: 16</b>	

### Second Year

Bio 304	Human Anatomy & Physiology II (4)	Bio 308	Microbiology for Health Science (4)
Ps 203	Human Growth & Development (3)	Nu 210	Beginning MS Nursing (5)
Nu 201	Health Assessment (3)	Nu 212	Pharmacology (2)
Nu 205	Fundamentals of Nursing (4)	Nu 214	Pathophysiology (3)
	English or Writing Elective (3)	Ph 200	Themes in Western Thought (3)
<b>Total Credits: 17</b>		<b>Total Credits: 17</b>	

### Third Year

Nu 302	Advanced Pharmacology (2)	Hi 101	The Making of the Modern World (3)
Nu 306	Pediatric Nursing (4)	Nu 311	Intermediate MS Nursing (6)
Nu 308	Psychiatric Mental Health Nursing (4)	Nu 317	Maternal Newborn Nursing (4)
Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
<b>Total Credits: 13</b>		<b>Total Credits: 16</b>	

### Fourth Year

Nu 404	Advanced Medical-Surgical Nursing (5)	Nu 411	Nursing Research (3)
Nu 408	Community Health Nursing (4)	Nu 413	Nursing Capstone Practicum (6)
Th 499	Apologetics & Worldview (3)	Nu 415	Issues/Trends Professional Nursing (3)
Com 410	Oral Comm for the Professions (3)	<b>Total Credits: 12</b>	
<b>Total Credits: 15</b>			

- A grade of C- or better is required in each nursing and science course before enrollment in the next nursing or science course.
- Current CPR certification (valid through academic year) is required before enrolling in each nursing course.
- An acceptable criminal background check and urine drug screen is required before going to clinical in Nu 201.
- Course credit allocation for Nu 210, Nu 306, Nu 308, Nu 311, Nu 317, Nu 404 Nu 408 and Nu 413 includes a clinical credit allocation.
- Medical-Surgical clinical courses (Nu 205, Nu 210, Nu 311, Nu 404 and Nu 413): 1 credit of clinical equals 60 hours.
- Specialty clinical courses (Nu 306, Nu 308, Nu 317 and Nu 408): 1 credit of clinical equals 50 hours.

## Bachelor of Science in Nursing, RN to BSN Completion

Kathryn L. Wampole, DNP,  
MSN, RN  
Program Coordinator

### RN to BSN Completion Program Summary

Major .....	72
BJU Core .....	45
Electives .....	3
<b>Total (minimum).....</b>	<b>120</b>

### DEGREE COURSES

#### Major: 72 credits

ADN/Diploma Advanced Placement (42)	
NuR 317 Professional Role Transition for the RN to BSN Student (3)	
NuR 318 Applied Health Assessment & Promotion for the RN (3)	
NuR 319 Issues & Trends in Professional Nursing(3)	
NuR 320 Applied Pathophysiology for the RN (3)	
NuR 322 Nursing Theory-Application & Foundations for Practice (3)	
NuR 413 Community Health for the RN (4)	
NuR 414 Research & Statistics for the RN (3)	
NuR 415 Health Informatics (3)	
NuR 416 Leadership & Management for the RN (5)	

#### BJU Core: 45 credits

Th 490 Themes in Theology & Apologetics (3)	
<i>Bible Elective (3)</i>	
<i>Communication Elective (3)</i>	
<i>Humanities/Fine Arts Elective (3)</i>	
<i>Social/Behavioral Sciences Elective (3)</i>	
Bio 303 Human Anatomy & Physiology I (4)	
Bio 304 Human Anatomy & Physiology II (4)	
<i>General Education Electives (22)</i>	

#### Electives: 3 credits

The RN to BSN degree recognizes the credentials and experience of practicing nurses while taking them to the next level of understanding of how to provide quality care to patients, their families and their community. Building on a foundation of basic nursing knowledge and experiences, the RN to BSN, while emphasizing a biblical worldview, will expand nursing knowledge and sharpen skills related to the nurse's professional role, intercollaborative practice, quality patient care, evidence-based research, and leadership. The RN to BSN can be accomplished through a combination of convenient, flexible online courses provided through the BJU asynchronous online platform and transfer of previous coursework. Highly qualified faculty with strong academic backgrounds and practice experience within the field of nursing will provide support through every step of the degree process. Though it will be possible to complete the program in 16 months, the overall time for completion will vary based on the number of credits transferred and the pace at which the online courses are taken.

### PROGRAM LEARNING OUTCOMES

The student will . . .

- Implement safe patient-centered care that integrates critical thinking, problem-solving principles and evidence-based practice across the lifespan and in all health care settings.
- Utilize appropriate biblical worldview and ethical principles when applying clinical reasoning and judgement to make decisions and solve problems in the health care field.
- Utilize interpersonal communication skills in order to establish and maintain therapeutic and collaborative relationships in the health care setting.
- Demonstrate accountability for personal and professional behavior.
- Apply leadership principles to the management of care including collaboration with clients and health care professionals.

### ADMISSION/ELIGIBILITY REQUIREMENTS

1. Applicants to the RN to BSN Completion Program should consult the general admission information in the introductory section of the undergraduate catalog.
2. Applicants must have completed an associate degree in nursing or a hospital-based diploma prior to application to the RN to BSN Completion Program.
3. Applicants must have an active RN License in good standing in their state of residency and/or work.
4. Applicants must have earned a grade of C- on all nursing courses and on all coursework transferring to BJU.
5. Participants in the RN to BSN Completion Program must achieve a minimum grade of C- in all nursing courses and maintain an overall grade-point average of at least 2.75 (not including transfer credits).

# COURSES

## HEALTH PROFESSIONS

### SPH 301 Externship (1 credit)

The School of Health Profession's student will be introduced and gain knowledge in their discipline through collaborating and providing healthcare services in a professional and intercultural setting. They will also demonstrate proficient and ethical behaviors. *Both semesters, summer.*

### SPH 302 Study USA/Abroad (3 credits)

The School of Health Professions' student will be introduced and gain knowledge in their discipline through collaborating and providing health services in a professional and intercultural setting. This course, through introducing students to the healthcare systems and service of other populations, will cultivate the student to be culturally and ethically sensitive. They will also demonstrate proficient and ethical behaviors, while providing worldwide knowledge through guided learning experiences. *Summer.*

## DIVISION OF EXERCISE & SPORT SCIENCE

### EXERCISE & SPORT SCIENCE

#### ESS 101 Introduction to Sport Management (3 credits)

This course emphasizes basic management principles as they relate to the business of sport. Students are introduced to sport ethics, sport marketing, sport law, sport media, sport supervision, recreational sport management and other related areas. *Second semester.*

#### ESS 200 Sport Sociology (3 credits)

This course explores the sociological aspects of sport by studying the history of sport, applying social theory to sport, researching Christian ministries that use sport, and participating in class debates regarding sociological sport issues. As a social

construct, sport can be changed as well as be used for change. An emphasis will be made on how Christians can use sport to make positive change in society. *Second semester.*

#### ESS 202 Sport Facilities Management (3 credits)

This course examines principles of designing, planning, equipping, operating and maintaining various facilities. Also discussed are how risk management and safety are incorporated into the design and maintenance process. *Second semester.*

#### ESS 205 Health Education & Physical Activity (3 credits)

Participation in experiences generally accepted as basic to

effective living. A program of healthful living for the child in his total environment—home, school and community. Various methods and techniques in presenting the subject of health and physical education. *First semester.*

**ESS 206** Wellness Concepts (3 credits)

This course is designed to teach students the role of physical activity in maintaining optimal health and improved quality of life. Topics such as safe exercise, nutrition, weight management, and lifestyle chronic diseases will be explored. Throughout this course, students will assess individual fitness levels including body composition, cardiovascular fitness, and musculoskeletal fitness. *Second semester, Online.*

**ESS 212** First Responder (3 credits)

Tailored to EMS personnel, firefighters, athletic trainers, lifeguards and medical professionals, this course trains participants to work as emergency medical responders to help sustain life, reduce pain and minimize the consequences of injury or sudden illness until more advanced medical personnel take over. Course meets or exceeds EMS Educational Standards. *Firth semester.*

**ESS 216** Coaching Principles (3 credits)

Comprehensive introduction to the coaching profession. A minimum of 40 clock hours of practical coaching experience at the junior high, high school, college, recreational or serious club level will be required. *Both semesters.*

**ESS 250** Prevention/Care of Athletic Injuries (3 credits)

Techniques for prevention, recognition, referral and follow-up care of injuries in athletics. *Second semester.*

**ESS 260** Advanced Concepts in Personal Training I (3 credits)

Theoretical and practical competencies required of a qualified personal trainer. Focus will be in basic anatomy, biomechanics, nutrition and health screening. *Not applicable to Exercise Science major. Second semester.*

**ESS 261** Advanced Concepts in Personal Training II (3 credits)

Theoretical and practical competencies required of a qualified personal trainer. Focus will be on fitness assessment, comprehensive program design for multiple populations and training instruction. *Not applicable to Exercise Science major. Prerequisite: ESS 260. Frist semester.*

**ESS 300** Exercise Testing & Prescription (4 credits)

The science of designing effective exercise programs to promote health and fitness, including fitness assessment, exercise prescription and proper fitness techniques. *Prerequisite: Bio 303. Second semester.*

**ESS 301** Coaching Basketball (2 credits)

Basketball theory and practice: the coach, fundamental skills and strategy. *Second semester.*

**ESS 302** Sport Marketing & Communication (3 credits)

An introduction to the different avenues of sport marketing, including the importance of social media integration, event planning, website and media communication, internal and external communications, media relations, public relations and sales. *First semester.*

**ESS 313** Coaching Soccer (2 credits)

Fundamental skills, drills, conditioning, systems of play, strategy and other phases of the game. *First semester.*

**ESS 319** Coaching Volleyball (2 credits)

Theory and practice: skills, games and strategies. *First semester.*

**ESS 320** Coaching Softball (2 credits)

Theory and practice: skills, games and strategies. *Second semester.*

**ESS 321** Biomechanics of Human Movement (3 credits)

The study of biomechanics and its application to the analysis of human movement. The course emphasizes concepts of functional anatomy along with anatomical and mechanical considerations applied to human motion in exercise and sport. *Prerequisite: Bio 303, First semester.*

**ESS 333** Professional Fitness Training Practicum (3 credits)

This practicum is designed to provide a supervised and structured leadership experience working in various areas of exercise and sport science. A minimum of 120 clock hours will be required. *Prerequisite: current Adult CPR & AED certification, ESS 300. Both semesters and summer.*

**ESS 335** Psychology of Physical Activity (3 credits)

This course involves the study of human psychological behavior and its influence in sport and exercise settings. It is designed to provide a student with information gleaned from research in sport psychology as well as practical knowledge to become a more effective sport manager, exercise science professional, coach or fitness instructor. *First semester.*

**ESS 336** Legal & Ethical Issues in Sport (3 credits)

Examines theories of ethics as well as personal moral development as applied to sport. It explores the importance of personal ethics and organizational responsibility and the role of professional ethics in sport management. *Second semester.*

**ESS 337** Social Media In Sports (3 credits)

The analysis and use of social media tools and technology for sports marketing purposes. *First semester.*

**ESS 422** Physiology of Exercise (4 credits)

Application of physiological principles to muscular action of the human organism. *Lecture and lab. Prerequisite: Bio 304. First semester.*

**ESS 423** Motor Learning (3 credits)

This course reviews the theories, principles and concepts that increase the capability of an individual in performing a motor skill. The student will be involved in lectures and laboratory experiences in motor learning and performance. *Prerequisite: Bio 303. Second semester.*

**ESS 424** Research Methods in Exercise & Sports (3 credits)

The selection of a problem chosen in consultation with the program coordinator followed by the execution of a detailed literature survey and composition of a research proposal. The proposal will culminate in a paper or poster presentation. *Prerequisite: ESS 422. Second semester.*

**ESS 425** Scientific Principles of Training (3 credits)

The science of designing effective exercise programs for different populations and ultimate sports performance. This includes appropriate assessment, exercise prescription, exercise techniques and progression. *Prerequisite: ESS 321. Second semester.*

**ESS 427** Clinical Exercise Physiology (3 credits)

To study the functional mechanisms associated with exercise for persons with a wide range of special diseases and disabilities. Topics include the effects of the condition on the acute exercise response, rationale for exercise programming, recommendations for exercise testing, and an exploration of the scientific evidence examining the physiological benefits of exercise training on these disease conditions. *Prerequisite: ESS 300 and ESS 422. Second semester.*

**ESS 429** Professional Certification Preparation (3 credits)

The American College of Sports Medicine (ACSM) and the National Strength and Conditioning Association (NSCA) are nationally recognized organizations which offer widely accepted certifications among fitness and wellness employers. The purpose of this course is to prepare students to sit for and pass the ACSM – Certified Exercise Physiologist or the NSCA – Certified Strength and Conditioning Specialist examination, which enhances a graduate's ability to find work with reputable organizations in a rapidly growing, yet

highly competitive fitness and wellness field. *Prerequisite: ESS 300, ESS 321 and ESS 422. First semester.*

**ESS 440** Sport Management Internship (6 credits)

Internships include supervised work in sport fitness and health, sport coaching or sport management in schools, colleges and universities, businesses and industries. *Both semesters and summer.*

**ESS 450** Exercise Science Internship (6 credits)

Supervised field work in the areas of research, assessment, fitness and wellness with local organizations. *Prerequisite: ESS 321. Both semesters and summer.*

**ESS 480** Exercise & Sport Science Independent Study (1 credit)

*Supervised individual research study conducted in the field of exercise and sport science. The final study will culminate in a paper and oral presentation. Prerequisite: ESS 300 and current Adult CPR & AED certification. Both semesters and summer.*

**ESS 481** Exercise & Sport Science Independent Study (2 credits)

*Supervised individual research study conducted in the field of exercise and sport science. The final study will culminate in a paper and oral presentation. Prerequisite: ESS 300 and current Adult CPR & AED certification. Both semesters and summer.*

**ESS 482** Exercise & Sport Science Independent Study (3 credits)

*Supervised individual research study conducted in the field of exercise and sport science. The final study will culminate in a paper and oral presentation. Prerequisite: ESS 300 and current Adult CPR & AED certification. Both semesters and summer.*

**ESS 499** Directed Study in Exercise & Sport Science (3 credits)

This course is designed to cover and supplement a variety of topics not otherwise offered in the list of classes in exercise and sport sciences. Topics of interest to students and faculty will be offered on a rotating random basis according to student interest. *Second semester.*

## DIVISION OF HEALTH SCIENCES

### COMMUNICATION DISORDERS

**CD 111** Beginning Sign Language (3 credits)

This course introduces the student to the fundamental elements of American Sign Language (ASL), with attention

given to various aspects of deaf culture and history. The class focuses on developing the student's receptive and expressive skills in ASL. *Both semesters.*

**CD 206** Introduction to Communication Disorders (3 credits)

A study of the nature, etiology and remediation of



communication disorders in children and adults, including an overview of the field of speech-language pathology. *Both semesters.*

**CD 207** Anatomy of the Speech & Hearing Mechanism (3 credits)

An intensive study of the anatomy and physiology of the speech and hearing mechanisms. *Prerequisite: CD 206. First semester.*

**CD 208** Clinical Application of Phonetics (3 credits)

A study of language theory and international phonetics alphabet (IPA) transcription with application to clinical diagnosis and treatment. *Prerequisite: CD 206. Second semester.*

**CD 302** Normal Language Development (3 credits)

The language acquisition process in normal children, including the development of semantics, morphology, syntax, phonology and pragmatics; American dialects and bilingualism. *Prerequisite: CD 206. First semester.*

**CD 303** Articulation & Phonology (4 credits)

The diagnosis and treatment of articulation problems in children and adults, including an analysis of current research in testing and therapy for articulation and phonological disorders. *Prerequisite: CD 208. First semester.*

**CD 304** Introduction to Audiology (3 credits)

Basic anatomy and psycho physics of hearing, the pathologies of hearing loss, introduction to identification procedures including organization of hearing conservation programs and practice in pure-tone audiometry; impact of hearing loss on preschool and school-aged children; educational, psychological and medical aspects of habilitation. Also includes basic concepts of physics and math as they apply to speech, hearing and perception, and applied speech sciences. *First semester.*

**CD 308** Diagnostic Methods in Speech-Language Pathology (3 credits)

Familiarization of testing procedures, statistical terminology and diagnostic protocols. Students will conduct evaluations, write reports and recommend therapy goals for a variety of clients. Specific assessments for various disorders and cultural differences will be discussed. *Second semester.*

**CD 401** Language Disorders in Children (4 credits)

An overview of normal language development with a detailed discussion of language problems experienced by learning disabled, hearing impaired, physically impaired, emotionally disabled and mentally disabled children. Emphasis is placed on etiology and identification of language disorders in

preschool years through the primary elementary grades. Also includes procedures for treatment and academic scaffolding in the school setting. *Prerequisite: CD 206. Second semester.*

**CD 402** Neurogenic Language & Cognitive Disorders (3 credits)

Presents classical and contemporary theoretical constructs related to central speech and language dysfunction in adolescents and adults. Assessment and treatment of speech, language and related symptoms of organic disorders involving the central nervous system including aphasia, traumatic brain injury, dementia and dysphagia. *Prerequisite: CD 206 and CD 207. Second semester.*

**CD 403** Disorders of Voice (3 credits)

Reviews the anatomy of the vocal mechanism, and acquaints the student with the symptomatology and disorder complexes related to phonation. Emphasis on approaches and methods used in the treatment of voice disorders. *Second semester.*

**CD 404** Disorders of Fluency (3 credits)

A survey of facts and theories on the nature and origin of stuttering, and a review of the principles and practices of major therapeutic strategies of disfluency. *Prerequisite: CD 206. First semester.*

**CD 405** Special Topics in Speech-Language Pathology (3 credits)

Current topics of interest in the field of speech-language pathology and audiology will be discussed. Includes a review and discussion of research literature and methodology and a research project. *Prerequisite: CD 206 Second semester.*

**CD 407** Therapeutic Methods & Clinical Technology in Speech-Language Pathology (3 credits)

Application of course knowledge to specific forms of intervention. Emphasis will be placed on writing therapy goals, creating lesson plans and traditional therapy methods. Students will apply mobile technology for the remediation of a variety of communication disorders including apps for language disorder, speech disorders and Augmentative and alternative Communication apps for nonverbal communicators. *Both semesters.*

**CD 499** Clinical Practicum (6 credits)

Supervised clinical practice in screening, diagnosis and therapy. The practicum provides 50 hours of supervised therapy experience in two settings. *Prerequisite: CD 401. Both semesters.*

## FOODS & NUTRITION

### **FN 200** Food: Facts, Fads & Fallacies (3 credits)

The scientific principles of human nutrition will be used to evaluate the claims of popular movements in the world of food. Topics to be explored include fad diets, obesity, use of supplements, vegetarian and vegan diets, organic food and so-called Genetically Modified Organisms (GMOs). Food preservation methods including pasteurization and irradiation will also be discussed. *First semester, even-numbered calendar years.*

### **FN 260** Nutrition (3 credits)

Introduction to the science of nutrition, including a study of the essential nutrients, their functions, their food sources, and their influence on growth, development, maintenance and overall human health throughout the life cycle. Includes personal application through goal setting and food intake analysis. *Both semesters.*

### **FN 300** Food Science (3 credits)

Introduction to food and food science through the exploration of the chemical, physical and biological properties of foods. The course discusses food composition and nutritive value, food safety, food preparation, food labeling and food marketing as it relates to food production and consumer acceptability. Laboratory experiences offer the student the ability to participate in food experimentation and analysis. *Lecture and lab. Prerequisite: Chm 104 or Chm 105 and FN 260. Second semester.*

### **FN 340** Sports Nutrition (3 credits)

Study of the physiological function and metabolism of nutrients during physical activity and sports training, performance and recovery. The course discusses energy balance, body composition, training, diets, ergogenic aids and dietary supplements to promote safe and effective sports performance. *Prerequisite: Bio 304 or Bio 321 and FN 101 or FN 260. Second semester.*

### **FN 365** Nutrient Biochemistry (3 credits)

Advanced study of the biochemical and physiological pathways and properties of the macro- and micronutrients at the cellular level within the human body. Includes a comprehensive investigation of the metabolism of carbohydrates, lipids, proteins, vitamins and minerals with application of current research to trends and issues in nutrition. *Prerequisite: Chm 116 and FN 260. First semester.*

### **FN 380** Nutrition & Disease (3 credits)

Application of nutrition science to the prevention and management of chronic disease. Overview of nutrition assessment and intervention as it applies to chronic disease, including weight management, diabetes and cardiovascular

disease. *Prerequisite: Bio 303 or Bio 320 and FN 260. First semester.*

### **FN 410** Instructional Methods in Nutrition (3 credits)

Development and application of instructional strategies to meet the nutrition and education and counseling needs of diverse audiences. Includes an overview of educational counseling theory, styles, strategies, techniques and evaluation used to promote behavior change within a variety of settings. *Prerequisite: FN 260. First semester.*

## HEALTH SCIENCES

### **HS 110** Certified Nursing Assistant Training (3 credits)

Classroom instruction accompanied by experience which leads to certification as a nursing assistant. *Not offered at BJU; available by transfer only for Health Sciences majors.*

### **HS 200** Introduction to Public Health (3 credits)

An introduction to the evaluation of public health issues and policies within regional, national and international contexts. Topics include the background and development of public health, the development of public health initiatives, and centralized and decentralized public health systems. *First semester.*

### **HS 300** Global Health (3 credits)

A consideration of health issues on an international level focusing on an understanding of the key concepts of global health. Health issues will be evaluated on the basis of historical, social, economic, environmental and political factors that affect health worldwide. Topics include malnutrition, maternal-child health in vulnerable populations, the spread of infectious diseases, pandemics, disease prevention, poverty, globalization, workforce conditions and distribution of health resources. *Second semester.*

### **HS 301** Epidemiology (3 credits)

An introduction to the foundational concepts of epidemiology, the methods epidemiologists employ to investigate the distribution of disease in a population, and the factors that influence that distribution. Epidemiologic thinking will be applied to current issues in the health sciences and in clinical medicine. *Second semester.*

### **HS 305** Health Care Delivery & Organization (3 credits)

Study of the health care system in the United States. The organization of hospital systems and complex issues of health care delivery in the areas of long-term care, primary care and hospital-based care. The changing roles of health care professionals, hospitals and government agencies. The course will analyze the functions of the health care system

and its stakeholders. Topics include health care quality, access to care, accreditation, regulatory agencies, financing and health insurance. *First semester.*

### **HS 310** Population Health Management (3 credits)

An introduction to current topics in population and community health; health education and promotion as well as health care delivery problems at the local and national levels. Special consideration is given to socioeconomic determinants of health. *Prerequisite: HS 300. Second semester.*

### **HS 320** Principles of Pharmacology (3 credits)

Introduction to the foundational principles describing the interactions of drugs with the body. Topics include pharmacodynamics, pharmacokinetics, drug metabolism, drug toxicity, and pharmacogenomics. Additional topics focus on the underlying mechanisms by which drugs are used to mitigate various medical conditions. *Prerequisites: Chm 204, Bio 304 and Bio 308. Both semesters.*

### **HS 350** Environmental & Occupational Health (3 credits)

Introduce basic concepts of environmental and occupational health, stressing a systems approach to complex problems. The “One Health” model considering the ecological relationships between humans, animals and physical environment is discussed, and examples are provided. Key notions related to exposure-disease relationships, causal inference, administrative issues and disease prevention in the workplace are developed, giving students basic knowledge in and familiarity with occupational medicine, occupational health nursing, industrial hygiene, toxicology, occupational injuries and occupational epidemiology. *Prerequisite: Bio 100 or Bio 102 and Chm 103 or Chm 105. First semester, even-numbered calendar years.*

### **HS 360** Mental Health & Addiction (3 credits)

Introduce key concepts, theories and biopsychosocial mechanisms pertaining to mental health and addictions and compare with the Biblical perspective on the subject. Provide up-to-date informative data describing the scope and magnitude of mental health and addictions in the US and analyze the data in regard to other OECD countries. Review the current developments in the field in terms of management and prevention and develop some basic skills for early detection in adolescents and youths. *First semester.*

### **HS 402** Biomedical Ethics (3 credits)

An introduction to ethical dilemmas and questions encountered in medical practice and research. The class begins with an introduction to philosophical theories and ethical reasoning within the biblical worldview. Students will use biblically appropriate models to analyze contemporary bioethics cases. Case topics typically or may include

beginning and end of life issues, pediatric ethics, research ethics, human subject experimentation, genetics, transplantation, disaster preparedness, emerging technologies and others. *Prerequisite: Bio 304 or Bio 320. Second semester.*

### **HS 405** Patient Safety (3 credits)

This course provides an introduction to safety within the context of health care in the United States. The student will review historical responses to adverse events, discuss methods of disclosing medical errors, and evaluate models for improving patient safety in differing settings. The course will equip students to identify potential barriers to safety and critically assess safety initiatives in order to further build a culture of safety. When evaluating patient safety initiatives, both individual and system level improvements will be assessed. *Prerequisite: HS 200. Second semester.*

### **HS 407** Health Care Management (3 credits)

Management considerations for administrators in the modern health care system. Topics covered include health care program planning and design, quality improvement and management of human resources. *Prerequisites: BA 215, HS 305. First semester.*

### **HS 410** Health Care Economics (3 credits)

An application of the principles of economics to the needs of the modern health care system. Topics include flow of funds, insurance requirements and reimbursements, and other financial aspects affecting health care delivery in view of current policies. *Prerequisites: Ac 103, SSE 200, Fin 201. Second semester.*

### **HS 414** Public Health Research Methods (3 credits)

This course introduces students to methodologies and skills needed for a systematic investigation of common or emerging public/global health issues. Students analyze the different types of research methods including qualitative, quantitative and mixed, and determine when and how to apply each. They perform research-related activities including research question writing, questionnaire development, literature searches, scale construction, data management, data analysis and interpretation and report writing. Application of the acquired knowledge is demonstrated by writing and oral presentation of a health research proposal. *Prerequisites: HS 200 and Bio 330. Second semester, odd-numbered calendar years.*

### **HS 415** Research Ethics (3 credits)

An introduction to ethical challenges and questions in research settings. Course begins by looking at how research and research policies have been shaped by history and introduces philosophical theories and ethical principles that focus on research. Students will learn how to apply ethical

principles to current research ethics dilemmas using a biblical worldview. This course will answer questions of how to design ethical research trials, what is the role of an Institutional Review Board (IRB), what is the appropriate level of informed consent in research, and how are human subjects protected in research trials. Case studies and computer simulations will be used to apply ethical principles to real situations and evaluate responses. Some topics include intellectual property, informed consent, confidentiality and privacy, human subject research, animal research, conflicts of interest and data management. *Prerequisite: HS 300. First semester, odd-numbered calendar year.*

**HS 420** Independent Study (1 credit)

Students work with a faculty mentor to develop a research project based on a health challenge, career goal, or field work. A literature review and evaluation is required for the semester project. Students will present their findings via oral presentation, written report, educational materials, or multimedia presentation. *Prerequisite: HS 200.*

**HS 421** Independent Study (2 credits)

Students work with a faculty mentor to develop a research project based on a health challenge, career goal, or field work. A literature review and evaluation is required for the semester project. Students will present their findings via oral presentation, written report, educational materials, or multimedia presentation. *Prerequisite: HS 200.*

**HS 430** Health Informatics (3 credits)

Application of concepts of information technology to health care and health promotion. Evaluation of how clinical data is translated into useful information for decision-making. Examination of the retrieval and storage of health information, communication processes, implementation practices, quality and outcomes measures, and evidence-based practices. *Prerequisite: HS 300. Identical to NuR 415.*

**HS 435** Principles of Health Education & Promotion (3 credits)

This course analyzes the process of designing health education and promotion interventions. Topics include major causes of death and disability, behavioral determinants of health and interventions to prevent disease. This course emphasizes the theories of behavior change and the use of mass communication technologies to enhance the health of populations. Students will design their own public health promotion interventions. *Prerequisite: HS 200. Second semester.*

**HS 440** Global Health Program Management (3 credits)

Course examines practical programs that meet primary health care needs within the context of developing countries. Students will be able to identify and evaluate global health needs and will also evaluate the scientific evidence

supporting interventions that target global health needs. Since progress must occur with the backing of the community, students will learn to implement community-based research and community participatory primary care. Ethical principles underlying global health work will be identified and applied. Course will particularly focus on practical programs and management needs required to meet health needs across many cultural contexts. Topics will be evaluated through research, discussion, and case studies. *Prerequisite: HS 300. Second semester.*

**HS 450** Health Professions Collaboration (3 credits)

Because of the complexity of health care, professionals increasingly function as teams. Health Professions Collaboration will introduce and evaluate principles of teamwork, collaboration, coordination, quality and safety of care, and systems thinking in health-related fields. This class will focus on developing and implementing one major group project for the semester, requiring students from different programs to work together in order to achieve a common goal. *Prerequisite: HS 200. First semester, even-numbered calendar year.*

**HS 460** Chronic Disease Management (3 credits)

This course provides instruction in understanding and managing the increasing burden of chronic diseases in the United States and globally. The pathological processes resulting in cardiovascular diseases, diabetes, multiple cancers, asthma, and other chronic diseases will be analyzed. The epidemiology of these diseases will be studied. Since many of these diseases are largely preventable, interventions aimed at behavioral change will be analyzed. Special attention will be given to socioeconomic factors that underlie much of the burden of these diseases. *Prerequisite: Bio 100 or Bio 102. Second semester.*

**HS 490** Health Sciences Internship (2 credits)

Students observe health care professionals as they practice in their different careers and work settings. The instructor will endeavor to place each student in the area of his or her desired health care career. Forty hours of direct observation are required. Weekly written reports detailing observations are required. A final paper of 2000 words or more reflecting on the knowledge and perspective gained through the observations is required. *Prerequisite: HS 200. Both semesters.*

## DIVISION OF NURSING

### NURSING

#### **Nu 201** Health Assessment (3 credits)

This course provides the student with knowledge regarding basic assessment of the patient across the lifespan, identifying normal and common abnormal findings. Simulated experiences and supervised practice of skills in the nursing lab provides the students opportunity to develop skills in interviewing, taking health histories and physical assessment techniques. *Prerequisite: Nursing Candidacy - Passed. Corequisite: Nu 205. First semester.*

#### **Nu 205** Fundamentals of Nursing (4 credits)

This course introduces the students to the fundamental skills for nursing. The students learning and clinical demonstration will focus on the development and mastery of basic nursing skills. Simulation and lab experiences will provide the student application of theory content (3 credits theory, 1 credit clinical). *Prerequisite: Nursing Candidacy—Passed. Corequisite: Nu 201. First Semester.*

#### **Nu 210** Beginning Medical-Surgical Nursing (5 credits)

This course introduces the students to the principles of fundamental concepts of MS nursing. The nursing process and evidence-based practice will be the foundation to deliver quality and safe care to the adult and geriatric patient with chronic and acute medical and surgical alterations in health. The students learning and clinical demonstration will focus on the continued development and mastery of basic nursing skills. Simulation, lab, and clinical experiences in a variety of healthcare settings will provide the student application of theory content (3 credits theory, 2 credits clinical).

*Prerequisite: Ps 203, Nu 201 and Nu 205. Corequisite: Nu 212 and Nu 214. Second semester.*

#### **Nu 212** Pharmacology (2 credits)

An introduction to the basic principles of pharmacology and their application to key body systems. Emphasis is placed on the theory of safe administration of medications including proper drug administration techniques and reviewing dosage calculations. Students acquire knowledge regarding pharmacokinetics and pharmacodynamics of major drug classes with an emphasis on prototype drugs in each category with their therapeutic use, adverse reactions, precautions and contraindications of the drug. *Prerequisite: Nu 201 and Nu 205. Corequisite: Nu 210 and Nu 214. Second semester.*

#### **Nu 214** Pathophysiology (3 credits)

This course provides a brief overview of the normal function of body systems with a focus on developing an understanding of the most common alterations and disease that occurs to develop a stronger basis for critical thinking and clinical judgment. Emphasis is placed on disease definition, signs and symptoms. *Prerequisite: Nu 201 and Nu 205. Corequisite: Nu 210 and Nu 212. Second semester.*

#### **Nu 302** Advanced Pharmacology (2 credits)

Advanced principles of pharmacology that build on the introductory pharmacology course. Students will expand their critical thinking regarding pharmacokinetics and pharmacodynamics of drug classes with an emphasis on use of prototype drugs in each category along with their therapeutic use, adverse reactions, precautions and contraindications of the drug. *Prerequisite: Nu 210, Nu 212 and Nu 214. Corequisite: Nu 306 and Nu 308. First semester.*

#### **Nu 306** Pediatric Nursing (4 credits)

The student will develop an understanding of how to care for the family during the child-rearing period. Adaptation of assessment and the patient's stage of growth and development are considered. The nursing process and evidence-based practice will be the foundation to plan and deliver comprehensive quality and safe care. Simulation, lab, and clinical experiences in a variety of healthcare settings will provide the student application of theory content (3 credits theory, 1 credit clinical). *Prerequisite: Ps 203, Nu 210, Nu 212 and Nu 214. Corequisite: Nu 302 and Nu 308. First semester.*

#### **Nu 308** Psychiatric Mental Health Nursing (4 credits)

The student will develop an understanding of how to care for individuals and their families involved in acute or chronic psychiatric crisis. The nursing process and evidence-based practice will be the foundation to plan and deliver comprehensive quality and safe care. Simulation, lab, and clinical experiences in a variety of healthcare settings will provide the student application of theory content (3 credits theory, 1 credit clinical). *Prerequisite: Ps 203, Nu 210, Nu 212 and Nu 214. Corequisite: Nu 302 and Nu 306. First semester.*

#### **Nu 311** Intermediate Medical Surgical Nursing (6 credits)

The student will continue to develop in the care of the medical surgical patient across the lifespan with a focus on the complex acute and chronic medical –surgical patient.

The nursing process and evidence-based practice will be the foundation to plan and deliver comprehensive quality and safe care. The students learning and clinical demonstration will focus on advancing their clinical performance and critical thinking skills. Simulation, lab, and clinical experiences in a variety of healthcare settings will provide the student application of theory content (4 credits theory, 2 credits clinical). *Prerequisite: Nu 302, Nu 306 and Nu 308.*

*Corequisite: Nu 317. Second semester.*

**Nu 317** Maternal Newborn Nursing [4 credits]

The student will develop an understanding of how to care for the family during the childbearing period. The nursing process and evidence-based practice will be the foundation to plan and deliver comprehensive quality and safe care. Simulation, lab, and clinical experiences in a variety of healthcare settings will provide the student application of theory content (3 credits theory, 1 credit clinical).

*Prerequisite: Nu 302, Nu 306 and Nu 308. Corequisite: Nu 311. Second semester.*

**Nu 404** Advanced Medical-Surgical Nursing [5 credits]

The student will develop in the care of the patient and their families experiencing highly complex and life threatening illnesses. Emphasis is on the development of critical thinking skills, the accomplishment of rapid, in-depth assessments, independent clinical judgment, prioritizing care, delegation and the performance of advanced nursing skills. The nursing process and evidence based practice is the foundation to plan and deliver comprehensive quality and safe care. Simulation, lab, and clinical experiences in a variety of healthcare settings will provide the student application of theory content (4 credits theory, 1 credits clinical). *Prerequisite: Nu 311 and Nu 317. Corequisite: Nu 408. First semester.*

**Nu 408** Community Health Nursing [4 credits]

The student will develop in the care of the community health client including their families and community groups with a focus on health maintenance, health promotion, health teaching, preventative health, restorative health, and epidemiology. A variety of community settings are used to provide the student opportunity to apply theory content (3 credits theory, 1 credit theory). *Prerequisite: Nu 311 and Nu 317. Corequisite: Nu 404 and Nu 408. First semester.*

**Nu 411** Nursing Research [3 credits]

The student will learn basic research process. The student will develop skill in integrating evidenced based research practice through critiquing nursing research articles, acknowledging the necessity of ethical principles throughout the research, and demonstrating an understanding of basic concepts of research design, including data collection, summarizing and interpreting. *Prerequisite: Nu 404 and Nu 408. Corequisite: Nu 413 and Nu 415. Second semester.*

**Nu 413** Nursing Capstone Practicum [6 credits]

The student will develop a broader understanding of leadership and management principles with professional role applications. This course provides the student an opportunity to practice the role of the professional nursing in a clinical area under the supervision of faculty and assigned preceptor. The experience is intended to assist the student to make the transition to practice, bridging the theory practice gap. The content and practicum provide the student an ability to apply and refine understanding and application of clinical judgment concepts, delegation, conflict management, communication skills, advocacy, change, and leadership and management concepts (3 credits theory, 3 credits clinical). *Prerequisite: Nu 404 and Nu 408.*

*Corequisite: Nu 411 and Nu 415. Second semester.*

**Nu 415** Issues & Trends in Professional Nursing [3 credits]

This course develops the students understanding of current issues and trends that affect the professional nurse's role. The course includes an exploration of service areas as a Christian nurse. *Prerequisite: Nu 404 and Nu 408. Corequisite: Nu 411 and Nu 413. Second semester.*

## RN TO BSN COMPLETION

**NuR 317** Professional Role Transition for the RN to BSN Student [3 credits]

A transition course to assist RN's to further develop their professional nursing skills in role identity and professional development, evidence-based research and practice, leadership and organizational management, and communication between health care professionals. *Online.*

**NuR 318** Applied Health Assessment & Promotion for the RN [3 credits]

A focus on health promotion and risk reduction related to normal and common abnormal assessment findings utilizing a body systems approach. Students will explore health promotion and assessment strategies to holistically improve the patient's well-being. Healthy People 2020, Institute of Medicines Report for Nursing Education and transforming care at the bedside, along with other national health agendas, will be explored. *Prerequisite: NuR 317. Online.*

**NuR 319** Issues & Trends in Professional Nursing [3 credits]

This course develops the students understanding of current issues and trends that affect the professional nurse's role. The course includes an exploration of service areas as a Christian nurse. *Prerequisite: NuR 317. Online.*

**NuR 320** Applied Pathophysiology for the RN (3 credits)  
Focuses on the pathophysiology of commonly occurring acute and chronic health problems with a health and chronic disease management approach. Physiological mechanisms of acute health problems are reviewed through a systems approach while considering principles of motivation, learning theory, and their application to disease processes. The student will explore diversity, patient education, complementary and alternative therapies, and community resources as they relate to pathophysiological processes. *Prerequisite: NuR 317. Online.*

**NuR 322** Nursing Theory-Application & Foundations for Practice (3 credits)  
Provides a broader understanding of nursing theories and their application within professional nursing practice. Exploration of the role of nursing theory in the development of nursing as a profession along with select theorists will be discussed. This exploration and understanding of nursing theory will include a comparison of nursing theory to a biblical worldview. *Prerequisite: NuR 317. Online.*

**NuR 413** Community Health for the RN (4 credits)  
Focuses on Community Health Nurse role in assisting the community health client to assume responsibility for arriving at and implementing personal health choices. The concepts of health maintenance, health promotion, levels of prevention and epidemiology are applied to populations of at-risk clients and clients with chronic health problems. *Clinical component. Prerequisite: NuR 317. Online.*

**NuR 414** Research & Statistics for the RN (3 credits)  
A study of the research process with critical analysis of nursing research studies to broaden the student's understanding of evidence-based practice research and its application in a variety of settings. An introduction to descriptive and inferential statistical methods and analysis of data for selected parametric and nonparametric statistical techniques. *Prerequisite: NuR 317. Online.*

**NuR 415** Health Informatics (3 credits)  
Application of concepts of information technology to health care and health promotion. Evaluation of how clinical data is translated into useful information for decision-making. Examination of the retrieval and storage of health information, communication processes, implementation practices, quality and outcomes measures, and evidence-based practices. *Identical to HS 430. Prerequisite: NuR 317. Online.*

**NuR 416** Leadership & Management for the RN (5 credits)  
Focuses on the leadership and management skills needed to work in a collective organizational system. Topics related to finance, regulation, patient care quality and safety, and effective collaboration are analyzed. It includes the development of a nursing project that reflects application of knowledge and skills studied throughout the RN-BSN Completion Program. *Prerequisite: NuR 317 and NuR 414. Online.*

# FACULTY



## DEAN

***Jessica Lynn Minor (2014)***  
 BS, Bob Jones University  
 MA, Trinity International University  
 PhD, Duquesne University

## DIVISION OF EXERCISE & SPORT SCIENCE

### DIVISION CHAIR

***Stephen Chun Lam Chen (2016)***  
 BS, Appalachian State; MS, University of South Carolina-  
 Columbia; PhD, University of South Carolina-Columbia

***Landon James Bright (Adjunct)***  
 BA, Point Loma Nazarene University;  
 MEd, Hardin-Simmons University

***Vickie Cuthrell Britton (2004)***  
 BS, Bob Jones University; MA, Furman University;  
 Additional graduate work, Bob Jones University

***Vickie Grooms Denny (2015)***  
 BS, Bob Jones University; MS, University of Illinois;  
 PhD, Florida State University; Additional graduate work  
 The Ohio State University

***Anthony Wayne Miller (2007)***  
 BS, Bob Jones University; MEd, Bob Jones University;  
 EdD, United States Sports Academy

***Dennis Lee Scott (2014)***  
 BS, Maranatha Baptist University; MSS, United States Sports  
 Academy; EdD, United States Sports Academy



## DIVISION OF HEALTH SCIENCES

### DIVISION CHAIR

#### *Amy Barney Hicks (2016)*

BS, Bob Jones University; PhD, Wake Forest University;  
MPH, Liberty University

#### *Hannah Ruth Benge (2007)*

BA, Bob Jones University; MS, Medical University of  
South Carolina; ClinScD, Rocky Mountain University of  
Health Professions

#### *Marc Anthony Chetta (2011)*

BS, Louisiana State University; MD, Louisiana State  
University Health Sciences Center at New Orleans

#### *David Alan Eoute Jr. (2010)*

BA, Bob Jones University; MA, Bob Jones University;  
MSP, University of South Carolina-Columbia;  
PhD, University of South Carolina-Columbia

#### *Bernard Kadio (2020)*

BS, University of Nangui Abrogoua; MD, University Felix  
Houphouet-Biogny; MDP, Senghor University; Additional  
graduate work University of Ottawa

#### *Jessica Lynn Minor (2014)*

BS, Bob Jones University; MA, Trinity International  
University; PhD, Duquesne University

#### *Melanie Howard Schell (2015)*

BS, Bob Jones University; MPH, Liberty University

## DIVISION OF NURSING

### DIVISION CHAIR

#### *Megan Gillette Lanpher (2017)*

BSN, Western Carolina University;  
MSN, Vanderbilt University

### ASSISTANT CHAIR

#### *Deborah Davis Jones (2019)*

AAS, Bob Jones University; AAS, Greenville Technical  
College; BSN, Liberty University;  
MSN, University of South Carolina

#### *Ramona Craner Anest (1985)*

AS, Cumberland County College;  
BS, Bob Jones University;  
MSN, University of North Carolina at Chapel Hill

#### *Lisa Goodall Arnold (2018)*

BSN, Bob Jones University;  
MSN, Chamberlain College of Nursing

#### *Jodie Ann Fellenger (2016)*

BS, Eastern Mennonite University;  
MSN, Alvernia University

#### *Karen Leigh Bomar Foster (2020)*

BA, Clemson University; ADN, Greenville Technical  
College; BSN, Clemson University; MSN, University of  
South Carolina

#### *Mary Elizabeth Jenko (Adjunct)*

BSN, University of Florida; MN, Emory University;  
DNP, Duke University

#### *Nancy Greensmith Jones (2004)*

BSN, Bob Jones University;  
MSN, Gardner-Webb University

#### *Ai Kato (2014)*

BSN, Bob Jones University;  
MSN, Gardner-Webb University

#### *Lois Waldron Konzelman (Adjunct)*

BSN, Temple University; MSN, Temple University;  
EdD, The University of Alabama

#### *Elizabeth Ann Lacy (Adjunct)*

AAS, Greenville Technical College; BS, Bob Jones University;  
BS, University of South Carolina-Columbia; MEd, Bob Jones  
University; MSN, Anderson University

#### *Mary Jeshurun Lamb (1990-2007, 2016-2018, Adjunct)*

AS, Pensacola Christian College; BA, Bob Jones University;  
BSN, University of South Alabama; MSN, Florida State  
University, DNP, Rocky Mountain University of Health  
Professions

#### *Anna Tara Liddle (Adjunct)*

BSN, Pensacola Christian College; MSN, University of  
Phoenix

#### *Valarie Shearer Petersen (1995)*

BSN, Bob Jones University;  
MN, University of South Carolina-Columbia;  
DNP, Saint Louis University-Main Campus

#### *Roberta Holmberg Vedders (2005)*

BSN, Western Carolina University;  
MSN, University of Phoenix;  
PhD, Capella University

#### *Kathryn Lee Wampole (2015)*

BS, Lander University; BGS, Furman University;  
BSN, University of South Carolina Upstate;  
MSN, Charleston Southern University;  
DNP Liberty University

#### *Rebecca Jayne Ward (2020)*

BSN, Bob Jones University; Additional graduate work  
Capella University

*Date indicates beginning year as university faculty.*



*School of*  
**RELIGION**

# PROGRAMS

The School of Religion exists to provide high-quality training both in the knowledge, application and proclamation of the Bible and in church ministry.

## GOALS

The student will ...

- Value the Bible as a means to know, love and serve Jesus Christ.
- State and defend central doctrines of the Christian faith.
- Apply biblical teaching to life choices.
- Apply biblical teaching to ministry roles in the church.

## DIVISIONS

The School of Religion is organized into two divisions:

- Division of Biblical Studies and Theology
- Division of Ministries

## DEGREES OFFERED

### *Certificate & Undergraduate Degrees*

- The *Undergraduate Certificate* in Apologetics and Biblical Worldview
- The *Associate of Science* degree with a major in Christian Ministries
- The *Bachelor of Arts* degree with majors in Biblical Studies and Cross-Cultural Service
- The *Bachelor of Science* degree with majors in Biblical Counseling, and Ministry and Leadership

### *Certificate & Graduate Degrees: BJU Seminary*

- The *Graduate Certificate* in Biblical Counseling
- The *Master of Arts* degree with majors in Biblical Counseling, Biblical Language and Literature, Biblical Studies, Intercultural Studies and Ministry Studies
- The *Master of Divinity* degree
- The *Doctor of Ministry* degree
- The *Doctor of Philosophy* degree in Theological Studies

*Please refer to the current BJU Seminary and Graduate Studies Catalog for detailed information regarding each of the degree offerings noted above, including information regarding learning objectives, goals, course offerings and sequencing, and degree conferral requirements.*



**Kevin P. Oberlin, PhD**  
*Dean*

## PROGRAM EMPHASIS

Approximately half of the ministry student's degree program is devoted directly to the cultivation of the knowledge and skills necessary for the ministry. These courses are designed to provide a wholesome balance between the knowledge of the Word of God, its practical application to the personal life and its proclamation in the world.

## MINISTRY CHAPEL

Each week students majoring in the School of Religion and those interested in ministry meet together to receive instruction and inspiration from the director of Ministry Training and other experienced men of God. School of Religion students register each semester for Min 100 Ministry Chapel, which meets one day weekly during the regular chapel time.

## INTERNSHIP PROGRAM

Several programs in the School of Religion require an internship in which the student is placed under an experienced fundamental pastor, missionary or organization to receive practical experience in evangelism, discipleship, worship, teaching, preaching and/or leadership in the local church or in mission work.

## BIBLE READING

The School of Religion requires majors to read through the entire Bible in a year, and they do this three years in a row (in a four-year program). The reading cycle is the calendar year (January–December), so a student who enrolls as a freshman in September begins the program the following January. Thus, a senior completes his or her third cycle in the middle of his or her senior year.

## OUTREACH MINISTRIES

Throughout the week and on weekends, outreach opportunities provide for the development of student leadership and experience in various types of church-based ministries, such as sports ministry, after-school public school programs, jail services, retirement home ministries, youth work and child evangelism. Students may secure information regarding outreach in the Greenville area through the Center for Global Opportunities.

## SUMMER MINISTRY REPORT

In addition to the requirements set forth in the Undergraduate Catalog, the School of Religion requires a Summer Ministry Report for all undergraduate students enrolled in the program. The Summer Ministry Report includes summer ministry activities and is to be submitted each August. No grade/credit is given for this report.

## MISSION TEAMS

Each year students have the opportunity to minister in other regions of the world by participating in one of BJU's mission teams organized through the Center for Global Opportunities. Students prepare throughout the year and raise their own financial support. Using trade skills, sports, music and preaching/teaching, teams go to various countries spanning the globe to reach the lost with the Gospel and to

challenge the team members to consider their lifelong level of involvement in the Great Commission. Each fall one chapel service is set aside for the promotion of summer mission teams.

## CHURCH PLANTING OUTREACH

Ministry graduates are strongly encouraged to consider planting a fundamental church in a needy area. The Center for Global Opportunities Church Planting Coordinator can advise prospective church planters regarding needy areas for church planting as well as point them to mission boards and resources to assist in church planting.

## CHURCH STAFFING SERVICES

Bob Jones University operates a church staffing service that both pastors and churches can utilize for the purpose of streamlining the process of connecting churches with likeminded servants of the Lord.

## PARTNERS IN PLANTING

Bob Jones University strongly encourages all our graduates to be local church oriented and challenges students to consider partnering with new church plants or small churches needing help. The Center for Global Opportunities assists students in finding these churches.

## SCHOOL OF RELIGION BACHELOR DEGREE CONCENTRATIONS & CERTIFICATES

The School of Religion offers optional concentrations for bachelor programs in the Division of Biblical Studies and Theology and the Division of Ministries. Concentrations include Apologetics and Biblical Worldview, Biblical Counseling, Biblical Languages, Cross-Cultural Service, Pastoral Ministry, Women's Ministry, Worship Leadership and Youth Ministry.

Students in majors other than in the School of Religion may complete the concentration requirements toward a certificate.

SCHOOL OF RELIGION BA, BS Major/Concentration Combinations (major total includes concentration)	Apologetics & Biblical Worldview (12)	Biblical Counseling (12)	Biblical Languages (12)	Cross-Cultural Service (11)	Pastoral Ministry (12)	Women's Ministry (12)	Worship Leadership (12)	Youth Ministry (12)
	BA Biblical Studies (38-39)	✓	✓	✓	✓	✓	✓	✓
BA Cross-Cultural Service (42)	✓	✓	✓		✓	✓	✓	✓
BS Biblical Counseling (47-48)	✓			✓	✓	✓	✓	✓
BS Ministry & Leadership (38-39)	✓	✓		✓	✓	✓	✓	✓

### Apologetics & Biblical Worldview Concentration Courses: 12 credits

HS 402	Bioethics (3)
Ph 302	Ethics (3)
Ph 305	Aesthetics (3)
Ph 400	Ancient & Medieval Philosophy (3)
Ph 401	Modern Philosophy (3)
Th 325	Modern Cults (3)
Th 340	Christian Masterworks (3)
Th 415	Incarnation & the Humanities (3)
Th 430	Theology & Practice of a Biblical Lifestyle (3)
Min 390	Apologetics & Wordview Internship (3)
Min 400	Gospel in a Multicultural World (3)
Com 405	Persuasion (3)

## APOLOGETICS & BIBLICAL WORLDVIEW CONCENTRATION

The Apologetics and Biblical Worldview concentration prepares students to explain and defend a biblical worldview. Students take a broad spectrum of courses to develop critical thinking and communication skills. The concentration requires 12 credits and supports the School of Religion's goal to apply biblical thinking to life choices.

### PROGRAM LEARNING OUTCOMES

The student will . . .

- Articulate arguments in support of Christianity.
- Evaluate alternative worldviews and analyze the underlying presuppositions on which they are constructed.
- Creatively apply the biblical worldview to multiple fields of human learning.



### Biblical Counseling Concentration

#### Courses: 12 credits

- BC 241 Fundamentals of Counseling (3)  
*Biblical Counseling Electives (9)*
- BC 242 Practice of Counseling (3)
  - BC 301 Counseling Case Studies (3)
  - BC 331 Biblical Family Foundations (3)
  - BC 441 Counseling Men (3)
  - BC 461 Counseling Women (3)

### Biblical Languages Concentration

#### Courses: 12 credits

- BG 300 I Corinthians in Greek (3)  
 BG 303 Galatians & the Pastoral Epistles in Greek (3)  
 BG 400 Septuagint in the Greek New Testament (3)  
 BG 408 Matthew in Greek (3)  
 OR  
*Greek Electives (300/400-level) (6)*  
 SOT 601 Elementary Hebrew I (3)  
 SOT 602 Elementary Hebrew II (3)

### Cross-Cultural Service

#### Concentration Courses: 11 credits

- CCS 210 Survey of Missions (3)  
 CCS 402 Strategies for Cross-Cultural Ministry (3)  
*Cultural Elective (3)*
- SSS 504 Cultural Anthropology (3)
  - CCS 306 Cross-Cultural Discipleship (3)
- Cross-Cultural Elective (2)*
- CCS 310 World Religions (3)
  - CCS 372 On-Field Mission Team Experience (2)
  - CCS 373 On-Field Mission Team Experience (3)
  - CCS 399 Missions Internship (3)

## BIBLICAL COUNSELING CONCENTRATION

The Biblical Counseling concentration prepares students for ministries and careers that require interpersonal and discipleship skills. Students will take courses in biblical counseling. The concentration requires 12 credits and supports the School of Religion's goal to apply biblical teaching to life choices.

### PROGRAM LEARNING OUTCOMES

The student will . . .

- Explain the theological framework of progressive sanctification and sufficiency of Scripture as applied to biblical counseling.
- Explain a biblical methodology that facilitates change and growth in individuals to the glory of God.

## BIBLICAL LANGUAGES CONCENTRATION

The Biblical Languages concentration prepares students to read the Bible in its original languages. Students focus on grammar, syntax and larger segments of discourse in these courses, having the option of focusing on Koine Greek alone or on both Greek and Hebrew. This 12-credit concentration supports the School of Religion's goal of valuing the Bible as a means to know, love and serve Jesus Christ.

### Program Learning Outcomes

The student will . . .

- Read biblical Greek with minimal assistance from lexicons or grammars.
- Identify exegetically significant grammatical and syntactical features in biblical Greek.

#### *Hebrew Option*

- Read biblical Hebrew narrative with minimal assistance from lexicons or grammars.

## CROSS-CULTURAL SERVICE CONCENTRATION

The Cross-Cultural Service concentration prepares students for ministry in a variety of cross-cultural contexts. The concentration requires 11 credits and supports the School of Religion goal of providing high-quality training in the Word of God, its practical application and its effective proclamation to the peoples of the world.

### PROGRAM LEARNING OUTCOMES

The student will . . .

- Cultivate meaningful relationships with people of different cultural backgrounds.
- Evaluate methodologies and trends in missions.

### Pastoral Ministry Concentration

Courses: 12 credits

Th 471	Pastoral Theology (3)
Hm 302	Homiletics II (3)
Min 399	Pastoral Leadership Internship (3)
<i>Church/Preaching Elective (3)</i>	
· Hm 303	Advanced Expository Preaching (3)
· Min 220	Worship in the Church (3)
· Min 305	Evangelism & Discipleship (3)

### Women's Ministry Concentration

Courses: 12 credits

Bi 335	Women in the Bible (3)
Min 225	Evangelism in Women's Ministry (3)
Min 330	Women Teaching Women (3)
Min 425	Women's Ministry (3)

### Worship Leadership Concentration

Courses: 12 credits

Min 220	Worship in the Church (3)
Min 320	Planning & Leading Corporate Worship (3)
CM 503	History of Congregational Song (3)
<i>Music Electives (3)</i>	
· CM 200	Church Music Leadership (3)
· CM 202	Leading Congregational Songs (3)

## PASTORAL MINISTRY CONCENTRATION

The purpose of the Pastoral Ministry concentration is to prepare students to pastor a church. The coursework focuses on the typical responsibilities of pastoring a church. This 12-credit concentration supports the School of Religion's goal to apply biblical teaching to ministry roles in the church.

### PROGRAM LEARNING OUTCOMES

The student will . . .

- Apply biblical teaching to pastoral leadership.
- Analyze issues related to church ministry.

## WOMEN'S MINISTRY CONCENTRATION

The Women's Ministry concentration equips students with a biblical philosophy of women as they relate to God and minister in the family, church and workplace. Coursework will enable students to learn the value God places on women in His work and how they can apply that knowledge in a variety of ministry contexts. The concentration requires 12 credits and supports the School of Religion's goal to apply biblical teaching to ministry roles in the church.

### PROGRAM LEARNING OUTCOMES

The student will . . .

- Create a biblical philosophy of women's ministry.
- Biblically evaluate current women's ministry practices.
- Communicate with women, both interpersonally and corporately.

## WORSHIP LEADERSHIP

The The Worship Leadership concentration prepares students to plan and lead gathered Christian worship in a local church. Students take courses to develop a biblical philosophy of worship, to understand the role of congregational singing in church history and to develop the skills needed to plan and lead a worship service. The concentration requires 12 credits and supports the School of Religion's goal to apply biblical teaching to life choices.

### PROGRAM LEARNING OUTCOMES

The student will . . .

- Create a sequence of the elements of gathered Christian worship.
- Lead congregational singing.
- Explain various theological principles and applications in the history of congregational singing.

## Youth Ministry Concentration

### Courses: 12 credits

Min 203 Foundations of Youth Work (3)

Min 393 Youth Ministry Internship (3)

*Homiletics or Counseling Elective (3)*

· Hm 302 Homiletics II (3)

· BC 461 Counseling Women (3)

*Ministry Elective (3)*

· Th 471 Pastoral Theology (3)

· Min 325 Children's Ministry (3)

· Min 425 Women's Ministry (3)

· Ed 325 Development: Birth to  
Adolescence (3)

## YOUTH MINISTRY CONCENTRATION

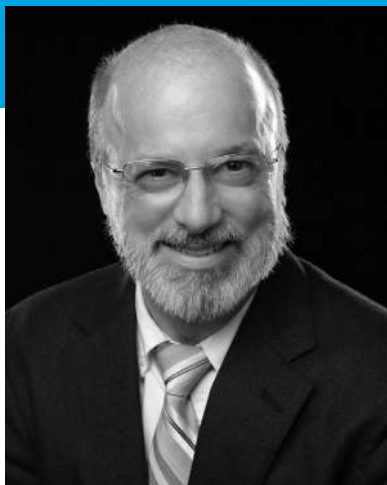
The Youth Ministry concentration prepares students to reach the next generation of youth with the gospel of Jesus Christ through the local church, camp ministry and/or athletic outreach. Students will choose from a variety of courses that will enhance their ability to understand youth culture and connect with youth from all ages. The concentration requires 12 credits and supports the School of Religion's goal to apply biblical principles to practical ministry settings.

### PROGRAM LEARNING OUTCOMES

The student will . . .

- Evaluate effective methods for reaching modern youth.
- Articulate a biblical philosophy of youth ministry.
- Facilitate personal evangelism, small group interaction and large group programming.

# DIVISION OF BIBLICAL STUDIES & THEOLOGY



Daniel P. Olinger, PhD  
Chair

The Division of Biblical Studies and Theology of the School of Religion offers an Undergraduate Certificate in Apologetics and Biblical Worldview and a Bachelor of Arts degree with a major in Biblical Studies and minors in Biblical Studies and Greek. Courses offered in this department include the general area of Bible, including English Bible interpretation, Bible doctrine and Bible history and are for students to fulfill the general degree requirements in Bible. Courses are also available as general electives and for general degree requirements in world language.

Concentrations are offered for the bachelor program in the Division of Biblical Studies and Theology. Concentrations are optional and include Apologetics and Biblical Worldview, Biblical Counseling, Biblical Languages, Cross-Cultural Service, Pastoral Ministry, Women's Ministry, Worship Leadership and Youth Ministry.

The Greek courses numbered on the 100–200 levels are basic courses designed to equip the student for further study. They may not be taken simultaneously with any other Greek courses. Students who do not have adequate preparation in English grammar should defer starting Greek until this weakness has been remedied. The courses numbered 300 and 400 do not necessarily represent a difference in degree of difficulty and, therefore, need not be taken in any certain order. A student who registers to take two upper division Greek courses simultaneously must have a previous average of C in Greek. No proficiency credit will be given in ancient languages.

## PURPOSE

The Division of Biblical Studies and Theology supports the University's mission to grow Christlike character by providing students with an understanding of and appreciation for the teachings of Scripture. The division provides students preparing for various types of vocational Christian ministry with the necessary knowledge and skills in Bible interpretation and also enables students preparing for other vocations to develop a biblical worldview that will inform and direct their service for Christ.

## GOALS

The student will ...

- Explain the major themes and specific content of the Bible.
- Use the grammatico-historical method to interpret the Bible accurately.
- Value the person of Christ with his or her personal devotion.
- Explain and defend the fundamental doctrines of the Christian faith.
- Make choices that are informed by and consistent with biblical teachings.

## Undergraduate Certificate in **Apologetics & Biblical Worldview**

**Eric D. Newton, PhD**  
Program Coordinator

### CERTIFICATE COURSES

#### Required courses

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Ph 200	Themes in Western Thought (3)
Th 103	Introduction to Christian Apologetics (3)

**Total (minimum): 12**

The Apologetics and Biblical Worldview certificate prepares students to embrace a biblically based faith and to approach current issues with a biblical worldview. All of the courses in this certificate are available online and are ideally suited both for dual enrolled high school students and for professionals wanting to strengthen their ability to think as Christians. The certificate requires 12 credits and supports the School of Religion's goals to value the Bible as a means to know, love and serve Jesus Christ and to apply biblical teaching to life choices.

Courses for this certificate are available via online learning.

### PROGRAM LEARNING OUTCOMES

The student will . . .

- Articulate the messages of the books of both Testaments.
- Interpret and apply the Bible to the Christian life.
- Interact biblically with philosophical and scientific ideas.

### BIBLICAL STUDIES MINOR

The Biblical Studies minor provides additional Bible knowledge and related skills beyond the BJU Core. Students complete the BJU Core Bible requirements and select a Bible Elective (300/400-level) (3) or Th 410 Ecclesiology (3). The minor requires 18 credits and supports the goals of the School of Religion by enabling the student to believe, explain and defend the central doctrines of the Christian faith and to apply biblical teaching to life choices and to ministry roles in the church.

### GREEK MINOR

The Greek minor provides an understanding of biblical Greek beyond the elementary and intermediate levels. It enhances language skills for comprehension in the classroom and for personal use.

A minor in Greek consists of BG 101 Elementary Greek I (3), BG 102 Elementary Greek II (3), BG 201 Intermediate Greek I (3), BG 202 Intermediate Greek II (3) and six credits of electives with a BG prefix.



## Bachelor of Arts, **Biblical Studies**

**Daniel P. Olinger, PhD**  
*Program Coordinator*

The Biblical Studies major prepares students to serve God as pastors, evangelists or Christian workers for whom the interpretation and proclamation of the Word of God are primary skills. Program emphases include Bible, ministry studies and practice, biblical languages and oral communication skills. The major supports the goals of the School of Religion by enabling the student to believe, explain and defend the central doctrines of the Christian faith and to apply biblical teaching to life choices and to ministry roles in the church. The program requires 36 credits in the major with an optional concentration of 12 credits. Concentrations include Apologetics and Biblical Worldview, Biblical Counseling, Biblical Languages, Cross-Cultural Service, Pastoral Ministry, Women's Ministry, Worship Leadership and Youth Ministry.

### **BACHELOR OF ARTS, BIBLICAL STUDIES AND MASTER OF DIVINITY DUAL ENROLLMENT TRACK**

The Bachelor of Arts in Biblical Studies and Master of Divinity dual enrollment track provides the traditional ministry training program with an accelerated graduate-level track for those seeking to complete both degrees in a reduced time

for earlier entrance into the ministry as pastors, teachers, counselors, missionaries or evangelists. The unique characteristics of the dual enrollment track allow students to finish two degrees within six years as opposed to seven to nine years and for less cost. By meeting the requirements for the BA in Biblical Studies and the Master of Divinity, students gain the benefits of both degrees including courses in liberal arts, biblical content, theology, church history, biblical languages and ministry skills.

Students who meet the eligibility requirements may apply for this program during their first year and receive guidance about prescribed course sequence for dual enrollment. All students will complete a minimum of 120 credits for the Bachelor of Arts degree, with 88 credits for the Master of Divinity degree. Depending on the chosen concentration, students will receive dual credits for 10 to 12 courses, thereby reducing both the undergraduate credit load by 30 to 36 hours and the time to complete the master's degree. Courses for this dual enrollment track are available both in residence during the academic year and/or online via distance education.

The dual enrollment track supports the goals of the School of Religion and the BJU Seminary.

## ELIGIBILITY REQUIREMENTS

### First Year

1. Students begin as a Biblical Studies major and during the first semester enroll in Min 110 Introduction to Christian Ministry and learn about the BJU Seminary programs and the dual enrollment track.
2. During the second semester, students apply for acceptance to the dual enrollment track. Acceptance is limited per cohort each year.
3. Complete BJU Core courses and build a cumulative grade point average (GPA) of at least 3.0 or higher.

### Second & Third Years

4. Students maintain a cumulative 3.0 GPA while completing BJU Core, major/concentration and prescribed undergraduate and graduate disciplines: hermeneutics, Greek, theology, homiletics and exposition. If a student withdraws from a prescribed course in a particular semester or if his cumulative GPA falls below a 3.0, the student may be moved to the standard programs and/or jeopardize his or her ability to complete the graduate degree in six years.
5. Only students admitted to this track are eligible to earn dual credit with specified graduate-level courses.
6. Students will progress through this track as a cohort and meet with the BA Biblical Studies/MDiv program coordinator regularly.

### Fourth Year

7. Complete undergraduate and graduate disciplines in Greek, exegesis and apologetics.
8. Students who successfully complete the undergraduate requirements earn a Bachelor of Arts degree in Biblical Studies.

### Fifth & Sixth Years

9. Complete graduate-level courses including Hebrew and an internship.
10. Students who successfully complete the graduate requirements earn a Master of Divinity degree.

## Biblical Studies

### Program Summary

Major (optional concentration) . . .	36 [38-39]
BJU Core . . . . .	63
Electives . . . . .	21 [18-19]
<b>Total (minimum) . . . . .</b>	<b>120</b>

## DEGREE COURSES

Major (optional concentration): 36 [38-39] credits

Th 330	History of Christianity (3)
Th 480	Biblical Studies & Theology Seminar (3)
BC 241	Fundamentals of Counseling (3)
Min 100	Ministry Chapel <sup>1</sup> (0)
Min 101-402	Ministry Outreach (0)
Min 110	Introduction to Ministry & Leadership (3)
Min 400	Gospel in a Multicultural World (3)
	<i>Old Testament Elective (300/400-level) (3)</i>
	<i>New Testament Elective (300/400-level) (3)</i>
	<i>OT or NT Elective (300/400-level) (3)</i>
	<i>Preaching/Teaching Elective<sup>2</sup>(3)</i>
	· Hm 301 Homiletics I (3)
	· Min 330 Women Teaching Women (3)
	<i>Bible or Theology Electives (300/400-level) (9)</i>
	<i>or Concentration<sup>3</sup> (11-12)</i>
	· Apologetics & Biblical Worldview (12)
	· Biblical Counseling (12)
	· Biblical Languages (12)
	· Cross-Cultural Service (11)
	· Pastoral Ministry (12)
	· Women's Ministry (12)
	· Worship Leadership (12)
	· Youth Ministry (12)

### BJU Core: 63 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	<i>English or Writing Elective (3)</i>
Com 101	Fundamentals of Speech (3)
	<i>Communication Elective<sup>4</sup>(3)</i>
	· Com 201 Public Speaking (3)
	· Hm 302 Homiletics II (3)
	· Hm 303 Advanced Expository Preaching (3)
BG 101-102	Elementary Greek (6)
BG 201-202	Intermediate Greek (6)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
	<i>Math/Computer or Science Elective (3)</i>
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

21 [18-19] credits and/or select a minor

## PROGRAM LEARNING OUTCOMES

The student will ...

- Evaluate biblical passages in the light of their historical and cultural context.
- Exegete passages from all the significant genres of Scripture.
- Prepare expositional sermons or teaching outlines appropriate for formal church services or lay ministry.
- Create personal statements of doctrine and application.
- Complete practical ministry requirements outside the classroom.

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Min 102	Ministry Outreach (0)
Bi 205	OT Literature & Interpretation (3)	Com 101	Fundamentals of Speech (3)
Min 101	Ministry Outreach (0)		Math/Computer or Science Elective (3)
Min 110	Introduction to Ministry & Leadership (3)		Electives or Minor (6)
FA 125	Christianity & the Arts (3)		<b>Total Credits: 15</b>

### Second Year

Hi 101	The Making of the Modern World (3)	Sc 200	Essential Science (3)
Bi 209	NT Literature & Interpretation (3)	SSE 200	Foundations of Economics (3)
BG 101	Elementary Greek I (3)	BG 102	Elementary Greek II (3)
Ph 200	Themes in Western Thought (3)	BC 241	Fundamentals of Counseling (3)
Min 201	Ministry Outreach (0)	Min 202	Ministry Outreach (0)
	English or Writing Elective (3)		Electives or Minor (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Third Year

Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
Th 330	History of Christianity (3)	BG 202	Intermediate Greek II (3)
BG 201	Intermediate Greek I (3)	Min 302	Ministry Outreach (0)
Min 301	Ministry Outreach (0)		Bible/Theology Elective (300/400-level) <sup>3</sup> (3)
	Bible/Theology Elective (300/400-level) <sup>3</sup> (3)		Communication Elective <sup>4</sup> (3)
	Preaching/Teaching Elective <sup>2</sup> (3)		OT/NT Elective (300/400-level) (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Fourth Year

Th 499	Apologetics & Worldview (3)	Th 480	Biblical Studies & Theology Seminar (3)
Min 401	Ministry Outreach (0)	Min 400	Gospel in a Multicultural World (3)
	Bible/Theology Elective (300/400-level) <sup>3</sup> (3)	Min 402	Ministry Outreach (0)
	OT Elective (300/400-level) (3)		NT Elective (300/400-level) (3)
	Electives or Minor (6)		Electives or Minor (6)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

<sup>1</sup> All Biblical Studies majors are required to register for Min 100 Ministry Chapel each semester.

<sup>2</sup> Hm 301 Homiletics I or Min 330 Women Teaching Women,

<sup>3</sup> Concentrations include Apologetics & Biblical Worldview, Biblical Counseling, Biblical Counseling, Biblical Languages, Cross-Cultural Service, Pastoral Ministry, Women's Ministry, Worship Leadership and Youth Ministry.

<sup>4</sup> Com 201 Public Speaking, Hm 302 Homiletics II or Hm 303 Advanced Expository Preaching,



# DIVISION OF MINISTRIES

The Division of Ministries of the School of Religion offers an Associate of Science degree in Christian Ministries, a Bachelor of Arts degree in Cross-Cultural Service and Bachelor of Science degrees in Biblical Counseling and Ministry and Leadership. Minors are offered in Counseling and Cross-Cultural Service. Courses are offered in this department for students who desire training in Christian service studies and practice, and courses are also available as general electives.

Concentrations are offered for all bachelor programs in the Division of Ministries. Concentrations are optional and include Apologetics and Biblical Worldview, Biblical Counseling, Biblical Languages, Cross-Cultural Service, Pastoral Ministry, Women's Ministry, Worship Leadership and Youth Ministry.

## PURPOSE

The Division of Ministries exists to equip students with knowledge and skills for effective church ministries, focusing on the development of pastors, missionaries, youth workers and lay ministers. It supports the University's mission by developing skills necessary to teach Christlikeness through the various ministries of the church.

## GOALS

The student will ...

- Create a personal philosophy concerning various aspects of church administration practices.
- Apply a philosophy of evangelism through the local church and missions.
- Develop skills for communicating the Bible to Christians through individual discipleship and through development and delivery of effective sermons.



Mark C. Vowels, MA  
*Chair*



### Certification in Leadership Coaching Courses: 12 credits

- Min 110 Introduction to Ministry & Leadership (3)
- Min 310 Leadership Coaching (3)
- Min 410 Leadership Coaching Practicum (3)
- Focus Area Electives (3)*
- Business
  - Ac 4500 Fulltime Accounting Internship (6)
  - Ac 451 Accounting Internship I (3)
  - BA 452 Business Internship (3)
- Communication
  - Com 314 Leadership & Communication (3)
  - Com 410 Oral Communication for the Professions (3)
- Education
  - Ed 499 Clinical Practice (9)
  - ECF 252 Field Experience: Birth to 5 Years (3)
  - ECF 495 Service Learning Capstone (3)
- Health Professions
  - ESS 440 Sport Management Internship (6)
  - ESS 450 Exercise Science Internship (6)
  - CD 499 Clinical Practicum (6)
  - HS 450 Health Professions Collaboration (3)
  - Nu 413 Nursing Capstone Practicum (6)
- Ministry
  - BC 411 Counseling Practicum Capstone (3)
  - CSS 373 On-Field Mission Team Experience (3)
  - CSS 399 Missions Internship (3)
  - Min 390 Apologetics & Worldview Internship (3)
  - Min 393 Youth Ministry Internship (3)
  - Min 395 Camp Internship (3)
  - Min 399 Pastoral Leadership Internship (3)

## CERTIFICATE IN LEADERSHIP COACHING

The Certificate in Leadership Coaching prepares students for a lifetime of servant leadership in a wide array of contexts and industries. The certificate provides strategic value for students who desire to grow personally and develop fulfilling relationships through a coaching role. The certificate includes opportunities to grow in self-leadership, to learn the flow of coaching and to coach individuals, groups and teams. While the Leadership Coaching certificate is not intended to certify for a professional coaching career, it prepares successful graduates to coach effectively in various organizations whether informally or formally.

### Skills

The student will . . .

- Apply self-leadership skills to his or her life.
- Lead individuals, teams and groups through a coaching process.

## Associate of Science, **Christian Ministries**

Russell E. Miller Jr., PhD  
Program Coordinator

### Christian Ministries Program Summary

Major .....	24
BJU Core .....	27
Electives .....	9
<b>Total (minimum).....</b>	<b>60</b>

### DEGREE COURSES

#### Major: 24 credits

Ph 200	Themes in Western Thought (3)
BC 241	Fundamentals of Counseling (3)
CCS 210	Survey of Missions (3)
Min 100	Ministry Chapel <sup>1</sup> (0)
Min 101–202	Ministry Outreach (0)
Min 110	Introduction to Ministry & Leadership (3)
Min 203	Foundations of Youth Work (3)
Min 220	Worship in the Church (3)
Min 305	Evangelism & Discipleship (3)
	<i>Bible Elective (200/300-level) (3)</i>

#### BJU Core: 27 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
En 102	Composition & Rhetoric (3)
	<i>English Composition (3)</i>
Com 101	Fundamentals of Speech (3)
Uni 101	Pathways (3)
	<i>Mathematics or Science Elective (3)</i>
SSE 200	Foundations of Economics (3)
FA 125	Christianity & the Arts (3)

Electives:  
9 credits

The Associate of Science degree in Christian Ministries provides exposure to a wide array of Christian ministries. Students take coursework in Bible and related ministry areas. This program supports the goals of the School of Religion to apply biblical teaching to ministry roles in the church. Students completing the Associate of Science degree in Christian Ministries may apply to continue toward the Bachelor of Science degree in Ministry and Leadership.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Apply the major themes and content of the Bible.
- Apply skills required in various ministry settings.

### SUGGESTED SCHEDULE

#### First Year

Uni 101	Pathways (3)	En 102	Composition & Rhetoric (3)
Bi 205	OT Literature & Interpretation (3)	BC 241	Fundamentals of Counseling (3)
Min 101	Ministry Outreach (0)	Min 102	Ministry Outreach (0)
Min 110	Introduction to Ministry & Leadership (3)	FA 125	Christianity & the Arts (3)
Min 203	Foundations of Youth Work (3)	Com 101	Fundamentals of Speech (3)
	English Composition (3)		Electives (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

#### Second Year

Bi 209	NT Literature & Interpretation (3)	SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)	Min 202	Ministry Outreach (0)
CCS 210	Survey of Missions (3)	Min 305	Evangelism & Discipleship (3)
Min 201	Ministry Outreach (0)		Bible Elective (3)
Min 220	Worship in the Church (3)		Electives (6)
	Mathematics or Science Elective (3)		<b>Total Credits: 15</b>
	<b>Total Credits: 15</b>		

<sup>1</sup> All Christian Ministries majors are required to register for Min 100 Ministry Chapel each semester.

## COUNSELING MINOR

The Counseling minor provides an introduction to the field of counseling and a critique of this discipline from a biblical perspective. It offers a natural complement to a variety of ministry majors and added preparation for social work.

A minor in Counseling consists of BC 241 Fundamentals of Counseling (3), BC 242 Practice of Counseling (3), nine credits of electives with a BC prefix and three credits with a Ps prefix.

# Bachelor of Science, **Biblical Counseling**

Steven F. Cruice Sr., DMin  
*Program Coordinator*

<b>Biblical Counseling</b>	
<b>Program Summary</b>	
Major (optional concentration) . . . . .	39 (47-48)
BJU Core . . . . .	51
Electives . . . . .	30 (21-22)
<b>Total (minimum) . . . . .</b>	<b>120</b>



The Biblical Counseling major prepares students for ministries and careers that require interpersonal and discipleship skills and for graduate degree programs. Students take courses in biblical counseling, Bible, psychology, philosophy, education and communication. The program supports the School of Religion's purpose to provide high-quality training both in the knowledge, application and proclamation of the Bible and in church ministry. The program requires 39 credits in the major with an optional concentration of 12 credits. Concentrations include Apologetics and Biblical Worldview, Biblical Languages, Cross-Cultural Service, Pastoral Ministry, Women's Ministry, Worship Leadership and Youth Ministry.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Explain the theological framework of progressive sanctification and sufficiency of Scripture as applied to biblical counseling.
- Explain a biblical methodology that facilitates change and growth in individuals to the glory of God.
- Contrast biblical and community resources to assist the individual in change and growth to the glory of God.
- Articulate basic biblical, ethical and legal responsibilities in the counseling context.
- Critique secular counseling theories and methodologies from a biblical counseling perspective.
- Critique Christian integrationist counseling and defend biblical counseling.

## DEGREE COURSES

Major (optional concentration): 39  
(47-48) credits

Ps 200	General Psychology (3)
Ps 402	Clinical Psychology (3)
Ps 450	Abnormal Psychology (3)
Th 430	Theology & Practice of a Biblical Lifestyle (3)
Min 100	Ministry Chapel <sup>1</sup> (0)
Min 101-402	Ministry Outreach (0)
Min 110	Introduction to Ministry & Leadership (3)
BC 241	Fundamentals of Counseling (3)
BC 242	Practice of Counseling (3)
BC 301	Counseling Case Studies (3)
BC 331	Biblical Family Foundations (3)
BC 411	Counseling Practicum Capstone (3)
<i>Counseling Men or Women Elective<sup>2</sup> (3)</i>	
· BC 441	Counseling Men (3)
· BC 461	Counseling Women (3)
Ed 325	Development: Birth to Adolescence (3)
<i>Old or New Testament Elective (300/400-level) (3) or optional Concentration<sup>3</sup> (11-12)</i>	
·	Apologetics & Biblical Worldview (12)
·	Cross-Cultural Service (11)
·	Pastoral Ministry (12)
·	Women's Ministry (12)
·	Worship Leadership (12)
·	Youth Ministry (12)

BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
<i>Communication Elective<sup>4</sup> (3)</i>	
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

Electives:  
30 (21-22) credits and/or select a  
minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bi 205	OT Literature & Interpretation (3)
Ps 200	General Psychology (3)	BC 242	Practice of Counseling (3)
BC 241	Fundamentals of Counseling (3)	Min 102	Ministry Outreach (0)
Min 101	Ministry Outreach (0)	FA 125	Christianity & the Arts (3)
Min 110	Introduction to Ministry & Leadership (3)	Com 101	Fundamentals of Speech (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Second Year

Hi 101	The Making of the Modern World (3)	Sc 200	Essential Science (3)
Bi 209	NT Literature & Interpretation (3)	Ph 200	Themes in Western Thought (3)
BC 331	Biblical Family Foundations (3)	BC 301	Counseling Case Studies (3)
Min 201	Ministry Outreach (0)	Min 202	Ministry Outreach (0)
<i>Math/Computer or Science Elective (3) Electives or Minor (3)</i>		<i>English or Writing Elective (3) Electives or Minor (3)</i>	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Third Year

Ps 450	Abnormal Psychology (3)	Ps 402	Clinical Psychology (3)
Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
Min 301	Ministry Outreach (0)	Min 302	Ministry Outreach (0)
<i>Communication Elective<sup>4</sup> (3) OT/NT Elective (300/400-level)<sup>3</sup> (3) Electives or Minor (3)</i>		Ed 325	Development: Birth to Adolescence (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Fourth Year

Th 430	Theology & Practice of a Biblical Lifestyle (3)	SSE 200	Foundations of Economics (3)
Th 499	Apologetics & Worldview (3)	BC 411	Counseling Practicum Capstone (3)
Min 401	Ministry Outreach (0)	Min 402	Ministry Outreach (0)
<i>Counseling Men or Women Elective<sup>2</sup> (3) Electives or Minor (6)</i>		<i>Electives or Minor (9)</i>	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

<sup>1</sup> All Biblical Counseling majors are required to register for Min 100 Ministry Chapel each semester.

<sup>2</sup> BC 441 Counseling Men or BC 461 Counseling Women

<sup>3</sup> Concentrations include Apologetics & Biblical Worldview, Cross-Cultural Service, Pastoral Ministry, Women's Ministry, Worship Leadership and Youth Ministry.

<sup>4</sup> Com 201 Public Speaking or Com 410 Oral Communication for the Professions

## CROSS-CULTURAL SERVICE MINOR

The Cross-Cultural Service minor provides a general understanding of a biblical philosophy of missions along with a focus on missionary strategies and cross-cultural adaptation. It is intended to provide foundational preparation for successful ministry to people of other societies. This minor is especially appropriate for those who wish to use the professional skills developed in another major as a vehicle to missionary service.

A minor in Cross-Cultural Service consists of CCS 210 Survey of Missions (3), CCS 306 Cross-Cultural Discipleship (3), CCS 310 World Religions (3), CCS 402 Strategies for Cross-Cultural Ministry (3), Li 301 Descriptive Linguistics (3) and Li 513 Field Methods (3).

## Bachelor of Arts, Cross-Cultural Service

Mark C. Vowels, MA  
Program Coordinator

<b>Cross-Cultural Service Program Summary</b>	
Major (optional concentration) . . . . .	36 (42)
BJU Core . . . . .	63
Electives . . . . .	21 (15)
<b>Total (minimum) . . . . .</b>	<b>120</b>



The Cross-Cultural Service major prepares the student to serve in cross-cultural missionary endeavors. The program establishes the doctrinal and experiential principles of effective missionary practice and provides for guided instruction in the practical application of the principles through a required field internship. One-half to three-fourths of the course credits directly develop knowledge and skills necessary for field service. The program supports the School of Religion goal of providing high-quality training in the knowledge of the Word of God, its practical application and its effective proclamation to the world. The program requires 36 credits in the major with an optional concentration of 12 credits. Concentrations include Apologetics and Biblical Worldview, Biblical Counseling, Biblical Languages, Pastoral Ministry, Women’s Ministry, Worship Leadership and Youth Ministry.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Cultivate meaningful relationships with people of different cultural backgrounds.
- Evaluate methodologies and trends in missions.
- Analyze the role of religion and culture in the formation of worldviews in relation to missionary methodology.

## DEGREE COURSES

Major (optional concentration): 36  
[42] credits

Li 301	Descriptive Linguistics (3)
Li 513	Field Methods (3)
Bi 460	Acts (3)
Min 100	Ministry Chapel <sup>1</sup> (0)
Min 101-402	Ministry Outreach (0)
Min 110	Introduction to Ministry & Leadership (3)
CCS 210	Survey of Missions (3)
CCS 310	World Religions (3)
CCS 399	Missions Internship (3)
CCS 402	Strategies for Cross-Cultural Ministry (3)

Cultural Elective<sup>2</sup> (3)

- SSS 504 Cultural Anthropology (3)
- CSS 306 Cross-Cultural Discipleship (3)

Preaching/Teaching Elective<sup>3</sup> (3)

- Hm 301 Homiletics I (3)
- Min 330 Women Teaching Women (3)

Bible or Theology Electives (300/400-level) (6)  
or Concentration<sup>4</sup> (12)

- Apologetics & Biblical Worldview (12)
- Biblical Counseling (12)
- Biblical Languages (12)
- Pastoral Ministry (12)
- Women's Ministry (12)
- Worship Leadership (12)
- Youth Ministry (12)

## BJU Core: 63 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
English or Writing Elective (3)	
Com 101	Fundamentals of Speech (3)
Communication Elective <sup>5</sup> (3)	
World Language (12)	
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
Math/Computer or Science Elective (3)	
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

## Electives:

21 [15] credits and/or select a minor

## SUGGESTED SCHEDULE

## First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Min 102	Ministry Outreach (0)
Bi 205	OT Literature & Interpretation (3)	FA 125	Christianity & the Arts (3)
CCS 210	Survey of Missions (3)	Com 101	Fundamentals of Speech (3)
Min 101	Ministry Outreach (0)		Math/Computer or Science Elective (3)
Min 110	Introduction to Ministry & Leadership (3)		<b>Total Credits: 12</b>
	<b>Total Credits: 15</b>		

## Second Year

Hi 101	The Making of the Modern World (3)	Sc 200	Essential Science (3)
Bi 209	NT Literature & Interpretation (3)	Ph 200	Themes in Western Thought (3)
Bi 460	Acts (3)	Min 202	Ministry Outreach (0)
Min 201	Ministry Outreach (0)		World Language (3)
	English or Writing Elective (3)		Electives or Minor (6)
	World Language (3)		<b>Total Credits: 15</b>
	<b>Total Credits: 15</b>		

## Third Year

Th 350	Bible Doctrines (3)	SSE 200	Foundations of Economics (3)
CCS 310	World Religions (3)	Th 360	Bible Doctrines (3)
Min 301	Ministry Outreach (0)	Min 302	Ministry Outreach (0)
	World Language (3)		Communication Elective <sup>5</sup> (3)
	Preaching/Teaching Elective <sup>3</sup> (3)		World Language (3)
	Electives or Minor (3)		Electives or Minor (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

## Summer

CCS 399	Missions Internship (3)
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## Fourth Year

Li 301	Descriptive Linguistics (3)	Li 303	Field Methods (3)
Th 499	Apologetics & Worldview (3)	Min 402	Ministry Outreach (0)
CCS 402	Strategies for Cross-Cultural Ministry (3)		Bible or Theology Elective (300/400-level) <sup>4</sup> (3)
Min 401	Ministry Outreach (0)		Cultural Elective <sup>2</sup> (3)
	Bible or Theology Elective (300/400-level) <sup>4</sup> (3)		Electives or Minor (6)
	Electives or Minor (3)		<b>Total Credits: 15</b>
	<b>Total Credits: 15</b>		

<sup>1</sup> All Cross-Cultural Service majors are required to register for Min 100 Ministry Chapel each semester.

<sup>2</sup> SSS 504 Cultural Anthropology or CSS 306 Cross-Cultural Discipleship

<sup>3</sup> Hm 301 Homiletics I or Min 330 Women Teaching Women

<sup>4</sup> Concentrations include Apologetics & Biblical Worldview, Biblical Counseling, Biblical Languages, Pastoral Ministry, Women's Ministry, Worship Leadership and Youth Ministry.

<sup>5</sup> Com 201 Public Speaking or Com 410 Oral Communication for the Professions



## Bachelor of Science, **Ministry & Leadership**

**Russell E. Miller Jr., PhD**  
*Program Coordinator*

The Ministry and Leadership major provides preparation for active service in a wide array of Christian ministries and for a number of career opportunities. The major coursework focuses on Bible, church ministries leadership and liberal arts courses and provides a number of elective credits. The Ministry and Leadership major supports the goals of the School of Religion. The program requires 36 credits in the major with an optional concentration of 12 credits. Concentrations include Apologetics and Biblical Worldview, Biblical Counseling, Cross-Cultural Service, Pastoral Ministry, Women's Ministry, Worship Leadership and Youth Ministry.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Communicate and apply the major themes and content of the Bible.
- Prepare teaching/preaching outlines.
- Develop skills to disciple or evangelize others.



## Ministry & Leadership Program Summary

Major (optional concentration). 36 [38-39]

BJU Core ..... 51

Electives..... 33 [30-32]

**Total (minimum)..... 120**

## DEGREE COURSES

*Major (optional concentration): 36  
[38-39]credits*

- Th 330 History of Christianity (3)
- BC 241 Fundamentals of Counseling (3)
- Min 100 Ministry Chapel<sup>1</sup> (0)
- Min 101-402 Ministry Outreach (0)
- Min 110 Introduction to Ministry & Leadership (3)
- Min 400 Gospel in a Multicultural World (3)
- Min 480 Ministry & Leadership Seminar (3)
- Ministry & Leadership Elective<sup>2</sup> (3)*
  - Th 430 Theology & Practice of a Biblical Lifestyle (3)
  - Min 310 Leadership Coaching (3)
  - Min 320 Planning & Leading Corporate Worship (3)
  - Com 314 Leadership & Communication (3)
- New Testament Elective (300/400-level) (3)*
- Old Testament Elective (300/400-level) (3)*
- Preaching/Teaching Elective<sup>3</sup> (3)*
  - Hm 301 Homiletics I (3)
  - Min 330 Women Teaching Women (3)
- Bible/Theology/Ministry Electives (300/400-level) (9) or Concentration<sup>4</sup> (11-12)*
  - Apologetics & Biblical Worldview (12)
  - Biblical Counseling (12)
  - Cross-Cultural Service (11)
  - Pastoral Ministry (12)
  - Women's Ministry (12)
  - Worship Leadership (12)
  - Youth Ministry (12)

*BJU Core: 51 credits*

- Bi 205 Old Testament Literature & Interpretation (3)
- Bi 209 New Testament Literature & Interpretation (3)
- Th 350 Bible Doctrines (3)
- Th 360 Bible Doctrines (3)
- Th 499 Apologetics & Worldview (3)
- En 102 Composition & Rhetoric (3)
- En 103 Composition & Literature (3)
- English or Writing Elective (3)*
- Com 101 Fundamentals of Speech (3)
- Communication Elective<sup>4</sup> (3)*
- Uni 101 Pathways (3)
- Hi 101 The Making of the Modern World (3)
- SSE 200 Foundations of Economics (3)
- Sc 200 Essential Science (3)
- Math/Computer or Science Elective (3)*
- Ph 200 Themes in Western Thought (3)
- FA 125 Christianity & the Arts (3)

*Electives:*

*33 [30-32] credits and/or select a minor*

## SUGGESTED SCHEDULE

### First Year

Uni 101 Pathways (3)	En 103 Composition & Literature (3)
En 102 Composition & Rhetoric (3)	BC 241 Fundamentals of Counseling (3)
Bi 205 OT Literature & Interpretation (3)	Min 102 Ministry Outreach (0)
Min 101 Ministry Outreach (0)	Com 101 Fundamentals of Speech (3)
Min 110 Introduction to Ministry & Leadership (3)	Math/Computer or Science Elective (3)
FA 125 Christianity & the Arts (3)	Electives or Minor (3)
<b>Total Credits: 15</b>	<b>Total Credits: 15</b>

### Second Year

Sc 200 Essential Science (3)	SSE 200 Foundations of Economics (3)
Hi 101 The Making of the Modern World (3)	Ph 200 Themes in Western Thought (3)
Bi 209 NT Literature & Interpretation (3)	Min 202 Ministry Outreach (0)
Min 201 Ministry Outreach (0)	Electives or Minor (9)
English or Writing Elective (3)	<b>Total Credits: 15</b>
Electives or Minor (3)	
<b>Total Credits: 15</b>	

### Third Year

Th 350 Bible Doctrines (3)	Th 360 Bible Doctrines (3)
Min 301 Ministry Outreach (0)	Min 302 Ministry Outreach (0)
Bible/Theology/Ministry Elective <sup>4</sup> (3)	Bible/Theology/Ministry Elective <sup>4</sup> (3)
Communication Elective (3)	NT Elective (300/400-level) (3)
OT Elective (300/400-level) (3)	Electives or Minor (6)
Preaching/Teaching Elective <sup>3</sup> (3)	<b>Total Credits: 15</b>
<b>Total Credits: 15</b>	

### Fourth Year

Th 499 Apologetics & Worldview (3)	Min 400 Gospel in a Multicultural World (3)
Th 330 History of Christianity (3)	Min 402 Ministry Outreach (0)
Min 401 Ministry Outreach (0)	Min 480 Ministry & Leadership Seminar (3)
Bible/Theology/Ministry Elective <sup>4</sup> (3)	Electives or Minor (9)
Lifestyle or Worship Elective <sup>2</sup> (3)	<b>Total Credits: 15</b>
Electives or Minor (3)	
<b>Total Credits: 15</b>	

<sup>1</sup> All Ministry and Leadership majors are required to register for Min 100 Ministry Chapel each semester.

<sup>2</sup> Th 430 Theology & Practice of a Biblical Lifestyle, Min 310 Leadership Coaching, Min 320 Planning & Leading Corporate Worship or Com 314 Leadership & Communication

<sup>3</sup> Hm 301 Homiletics I or Min 330 Women Teaching Women

<sup>4</sup> Concentrations include Apologetics & Biblical Worldview, Biblical Counseling, Cross-Cultural Service, Pastoral Ministry, Women's Ministry, Worship Leadership and Youth Ministry.

<sup>5</sup> Com 201 Public Speaking or Com 410 Oral Communication for the Professions

# COURSES

## DIVISION OF BIBLICAL STUDIES & THEOLOGY

### BIBLE

**Bi 205** Old Testament Literature & Interpretation (3 credits)  
A study of the unfolding theme of the Bible as it is progressively revealed through the theology of each book of the Old Testament, and basic principles for Bible interpretation. Includes special emphasis on learning to responsibly interpret and apply material from each literary genre in the Old Testament. Other emphases include the redemptive storyline as it is unfolded through the biblical covenants, progressive revelation regarding the Messiah, Christ in the Old Testament, God's plan for Israel, and practical application of the messages of these 39 books to the Christian life. *Both semesters, Online.*

**Bi 209** New Testament Literature & Interpretation (3 credits)  
Continued study of the unfolding theme of the Bible as it is revealed through the messages of the New Testament books, and more advanced principles for Bible interpretation. Continued emphasis on learning to responsibly interpret and apply material from each literary genre in Scripture, and practical application of the messages of each book to the Christian life. *Both semesters, Online.*

**Bi 300** The Pentateuch (3 credits)  
A study of Genesis–Deuteronomy to prepare the expositor for effective ministry. The student will demonstrate

proficiency in mastering chapter content, in handling problems of interpretation and in utilizing literary and theological analysis with the goal of effective preaching and teaching. *First semester, even-numbered calendar years.*

**Bi 310** Bible Geography & Archaeology (3 credits)  
*Study of the historical geography of the land of the Bible along with a basic survey of significant archaeological discoveries. The course highlights the importance of regional aspects of the land and ancient routes. Students learn through a variety of means, including mapping out key biblical events and becoming familiar with notable places and features through photography and video. Second semester.*

**Bi 315** The Historical Books (3 credits)  
A study of Joshua–Esther to prepare the expositor for effective ministry. The student will demonstrate proficiency in mastering chapter content, in handling problems of interpretation and in utilizing literary and theological analysis with the goal of effective preaching and teaching. *First semester, odd-numbered calendar years, Online.*

**Bi 335** Women in the Bible (3 credits)  
A study of various female Bible characters, examining their relationships with God and others, character qualities, ministries, and successes and failures in living out God's prescribed role for them as women. *Second semester.*

**Bi 345** The Poetic Books (3 credits)

A study of Job–Song of Solomon to prepare the expositor for effective ministry. The student will demonstrate proficiency in mastering chapter content, in handling problems of interpretation and in utilizing literary and theological analysis with the goal of effective preaching and teaching. *Second semester, odd-numbered calendar years.*

**Bi 355** The Prophets (3 credits)

A study of Isaiah–Malachi to prepare the expositor for effective ministry. The student will demonstrate proficiency in mastering chapter content, in handling problems of interpretation and in utilizing literary and theological analysis with the goal of effective preaching and teaching. *First semester, odd-numbered calendar years.*

**Bi 365** The Gospels (3 credits)

A study of Matthew through John to prepare the expositor for effective ministry. The student will demonstrate proficiency in mastering chapter content, in handling problems of interpretation and in utilizing literary and theological analysis with the goal of effective preaching and teaching. *Second semester, even-numbered calendar years.*

**Bi 375** The General Epistles (3 credits)

A study of the non-Pauline epistles to prepare the expositor for effective ministry. The student will demonstrate proficiency in mastering chapter content, in handling problems of interpretation and in utilizing literary and theological analysis with the goal of effective preaching and teaching. *First semester, odd-numbered calendar years, Online.*

**Bi 400** Genesis (3 credits)

A study of the first book of the Old Testament canon. This writing of Moses establishes the foundation of nearly every major doctrine in the Bible: God, man, sin, Messiah, redemption, judgment, blessing and Israel. Students in this course will learn how to interpret Old Testament narrative and how to ascertain principles for 21st-century life. *First semester, odd-numbered calendar years.*

**Bi 425** Psalms (3 credits)

A study of the songbook of Israel and the Church. This course examines the various literary forms of the psalms, the biblical theology that is developed in the collection and the interpretive challenges that one faces in understanding particular literary forms, such as imprecatory psalms. *Second semester.*

**Bi 426** Proverbs (3 credits)

A topical and literary study on the Old Testament book that explains the characteristics of true wisdom. This course addresses the interpretive challenges of understanding proverbial sayings along with guidelines for teaching and preaching the book's many themes. *Second semester, odd-numbered calendar years.*

**Bi 435** Isaiah (3 credits)

An exposition of the greatest of Israel's writing prophets. This course explores the richness of God's promises in contrast to Israel's failure at every stage of her history. Special attention is given to the authorship of Isaiah, Messianic texts, the Servant Songs, teaching on the millennium and how the New Testament authors used Isaiah in their writings. *First semester, even-numbered calendar years.*

**Bi 450** Gospel of Matthew [3 credits]

A study of the Gospel of the Matthew that explores its theme and its significance to Jews and to the church. This course explores Matthew's literary structure along with its portrayal of Jesus Christ. Special attention is given to Matthew's "kingdom" emphasis, the Sermon on the Mount and the Olivet Discourse. *Second semester, even-numbered calendar years.*

**Bi 455** Gospel of John [3 credits]

A study of John's account of the life and ministry of Jesus Christ. This class addresses the unique features of this Gospel as compared with the Synoptic Gospels. Special attention is given to John's explicit statements about the deity of Christ, the signs John chooses to demonstrate that deity, his focus on genuine faith, and Jesus' preparation of His disciples for world evangelism. *Second semester, even-numbered calendar years.*

**Bi 460** Acts [3 credits]

A study of the expansion of Christianity through the powerful Gospel of Jesus Christ. This course highlights the evangelism, discipleship and church-planting efforts of the apostles and other faithful believers. *First semester, even-even numbered calendar years.*

**Bi 465** Romans [3 credits]

An exposition of the most theological book of the Bible, Romans. This course explores Paul's theology, use of the Old Testament and literary structure in his epistle to the Romans. *First semester, even-numbered calendar years.*

**Bi 470** 1 Corinthians [3 credits]

An exposition of Paul's letter to the church in Corinth, a ministry experiencing serious problems. This course asks how churches should deal with disunity, lawsuits among believers, sexual deviancy, divorce, gender roles, the believer's conscience over "doubtful things," the Lord's Table and other matters. *First semester, odd-numbered calendar years.*

**Bi 485** Hebrews [3 credits]

An exposition and theological treatment of the epistle to the Hebrews. Although students may not settle the authorship question of Hebrews by taking this course, they will interact with the intensely Christological content of this writing, noting the strong encouragement and somber warnings recorded there. Special emphasis on the genre of Hebrews, its use of the Old Testament and its teaching on the New Covenant. *Second semester, even-numbered calendar years.*

**Bi 495** Near East Studies [3 credits]

Study tour of Bible lands. Lectures, reading and papers accompanied by visits to the scenes of the main events of the

Old and New Testaments. The student may specialize in Asia Minor or Palestine. *Summer.*

**GREEK, NEW TESTAMENT****BG 101** Elementary Greek I [3 credits]

Introduction to the phonology, vocabulary, grammar and syntax of biblical Greek. *Both semesters, Online.*

**BG 102** Elementary Greek II [3 credits]

Reinforcement and development in the basic principles of Greek grammar and syntax. *Prerequisite: BG 101. Both semesters, Online.*

**BG 201** Intermediate Greek I [3 credits]

Development of working knowledge of the vocabulary, grammar and syntax of the Greek New Testament. Includes translation of selected passages. *Prerequisite: BG 201. Both semesters, Online.*

**BG 202** Intermediate Greek II [3 credits]

Reinforcement and continued development of a working knowledge of the vocabulary, grammar and syntax of the Greek New Testament. Includes translation of selected passages. *Prerequisite: BG 201. Both semesters.*

**BG 300** 1 Corinthians in Greek [3 credits]

Translation and exegesis of 1 Corinthians, with studies in syntax and review of accidence and vocabulary. *Prerequisite: BG 202. First semester.*

**BG 303** Galatians & the Pastoral Epistles in Greek [3 credits]

Exegesis of Galatians, 1 and 2 Timothy, and Titus, with study of forms, syntax and vocabulary. *Prerequisite: BG 202. Second semester.*

**BG 400** Septuagint in the Greek New Testament [3 credits]

Readings in various passages of the Greek New Testament that quote or allude to Old Testament LXX passages with comparative study of forms, syntax and vocabulary. *Prerequisite: BG 202. Second semester.*

**BG 408** Matthew in Greek [3 credits]

Translation and exegesis of the first Gospel, with studies in syntax and vocabulary. *Prerequisite: BG 202. First semester.*

**PHILOSOPHY****Ph 200** Themes in Western Thought [3 credits]

Selected philosophical ideas of continuing importance in Western thought from Socrates onward. *Both semesters, Online.*

**Ph 301** Logic (3 credits)

Deduction and induction, the nature of reasoning, conditions of proof, introduction to the laws of thought and the processes of scientific method.

**Ph 302** Ethics (3 credits)

The meaning and purpose of ethics, with emphasis on Christian principles of action. Historical and practical approach to the problem of right conduct. *Second semester.*

**Ph 305** Aesthetics (3 credits)

Concepts of beauty and art and artistic criteria from Plato onward with attention to present issues of artistic validity including the relation of morality and art.

**Ph 309** Philosophy of Religion (3 credits)

Major issues in religion as interpreted through major religious worldviews.

**Ph 400** Ancient & Medieval Philosophy (3 credits)

Major figures and movements in classical and medieval philosophy.

**Ph 401** Modern Philosophy (3 credits)

Enlightenment and Counter-Enlightenment thought.

## THEOLOGY

**Th 103** Introduction to Christian Apologetics (3 credits)

An introduction to biblical doctrine applied to current apologetic and worldview issues. The course discusses key topics including what apologetics is, the authority of Scripture and how Genesis lays a foundation for the Gospel message. It adequately prepares the student to defend and explain the scientific validity and theological necessity of a 6-day creation within the context of the Christian faith. *Online.*

**Th 325** Modern Cults (3 credits)

An examination, in the light of the Word of God, of the doctrines and practices of modern cults. *Second semesters.*

**Th 330** History of Christianity (3 credits)

Overviews the history of the Christian faith since the New Testament era. Notes the formative influence of the early church councils and places special emphasis on the nature and contributions of the Reformation. Discusses modern Christian history with application to contemporary theological issues. *First semester.*

**Th 340** Christian Masterworks (3 credits)

A study and biblical analysis of works that have made significant contributions to Christian thought. *Both semesters.*

**Th 350** Bible Doctrines (3 credits)

Study of the biblical teaching concerning Scripture, God, Jesus Christ, the Holy Spirit and angels (including Satan). Emphasis throughout is on the practical application of the teachings of the Bible to the Christian life. *Both semesters, Online.*

**Th 360** Bible Doctrines (3 credits)

Study of the biblical teaching concerning man, sin, salvation, the church and eschatology. Emphasis throughout is on the practical application of the teachings of the Bible to the Christian life. Particular attention is given to timely doctrinal questions. *Both semesters, Online.*

**Th 410** Ecclesiology (3 credits)

An in-depth study of what the church is, why it exists and how it should function. Special attention is given to the church's relationship to Israel, church government, the Lord's Supper, baptism, corporate worship and church discipline. *Prerequisite: Th 360.*

**Th 415** Incarnation & the Humanities (3 credits)

A study of the incarnational narrative at the center of historic Christian orthodoxy together with an analysis of how the incarnation shapes a Christian philosophy of aesthetics and the humanities. Special attention is given to the art narratives of theatre, photography and film. *Identical to Thr 415.*

**Th 430** Theology & Practice of a Biblical Lifestyle (3 credits)

This class discusses issues of godly Christian living to prepare senior students to assume their adult responsibilities in the Christian home, the church and the community. *First semester.*

**Th 471** Pastoral Theology (3 credits)

The study revolves around the man, ministry, message, motives and methods of a biblical minister, with special attention to key Bible passages that define his role as a shepherd/pastor. Projects and readings focus on practical application to real situations. *Second semester.*

**Th 475** Contemporary Issues in Biblical & Systematic Theology (3 credits)

An analysis of selected contemporary biblical and systematic theological issues including discussion of theological method. Development of critical thinking and writing skills needed for research and argumentation. *Prerequisite: Th 350 and Th 360.*

**Th 480** Biblical Studies & Theology Seminar (3 credits)

A senior capstone course required for all students majoring in Biblical Studies. The course will explore the connection between biblical truths and select current issues. Students will complete a research project culminating in a formal paper and presentation about a specific topic in biblical studies. *Second semester.*

**Th 490** Themes in Theology & Apologetics (3 credits)  
An overview of the story of Scripture, a survey of selected major doctrines and a primer in basic apologetics. Particular emphasis on understanding how to communicate the truth of the Bible to both believers and unbelievers. Online.

**Th 499** Apologetics & Worldview (3 credits)  
An analysis and defense of the biblical worldview, together with an analysis and refutation of secular and religious alternative

worldviews. The course will equip students to defend the core biblical doctrines and refute spurious philosophical, historical, archeological and scientific claims against the Bible. The course presents a brief history of the apologetics discipline and important Christian thinkers. The course addresses significant historical and contemporary thinkers and their objections to biblical Christianity. *Prerequisite: Th 350 or Th 360. Both semesters, Online.*

## DIVISION OF MINISTRIES

### BIBLICAL COUNSELING

**BC 241** Fundamentals of Counseling (3 credits)  
Provides the foundation for a biblical counseling ministry, including an accurate view of man, the doctrines of biblical sufficiency and progressive sanctification, the role of the counselor and ethics. Practical help is provided in gathering information, determining the problem, working on change and the use of homework. *Both semesters.*

**BC 242** Practice of Counseling (3 credits)  
Seeks to practically apply biblical counseling fundamentals to the typical counseling problems that people face. Employing the extensive use of case studies, attention will be given to serving in a biblical counseling ministry. *Prerequisite: BC 241. Second semester.*

**BC 301** Counseling Case Studies (3 credits)  
The course seeks to practically apply biblical counseling fundamentals to the typical counseling problems that people face. Employing the extensive use of case studies, attention will be given to counseling those with challenges not addressed in Fundamentals (BC 241) or Practice (BC 242) of Counseling. *Prerequisite: BC 241. Second semester.*

**BC 331** Biblical Family Foundations (3 credits)  
Biblical foundation for establishing a Christian family, including a biblical view of marriage, the roles of husbands and wives, raising children, family worship and the church-family relationship. Emphasis is on both having a Christian family and helping others to do the same. *Prerequisite: BC 241. Both semesters.*

**BC 411** Counseling Practicum Capstone (3 credits)  
Students will engage in a biblical counseling ministry to others as well as further advance in the knowledge and skills necessary for a biblical counselor. *Prerequisite: BC 241. Second semester.*

**BC 441** Counseling Men (3 credits)  
Addressing the common problems that men face, provides a biblical strategy for advancing in progressive sanctification. Focus is on being a godly man and encouraging other men in the same pursuit. *Prerequisite: BC 241. First semester.*

**BC 461** Counseling Women (3 credits)  
Practical instruction to prepare women to apply biblical principles to the problems women face, first in their own lives and then in the lives of other women whom they will counsel. *Prerequisite: BC 241. First semester.*

### CROSS-CULTURAL SERVICE

**CCS 210** Survey of Missions (3 credits)  
A general survey of various contemporary mission fields and mission agencies, with emphasis on recent developments, to encourage students to further study in areas of special interest. *First semester.*

**CCS 306** Cross-Cultural Discipleship (3 credits)  
Study of the most effective means of communicating the teachings of the Bible in another culture. Includes discussion of problems in translation and of the challenge of adjustment to the worldview of a foreign culture. *Second semester.*

**CCS 310** World Religions (3 credits)  
Examination of the doctrines and cultural features of major religions in light of the Word of God. Discussion of the best means by which adherents to these doctrinal systems may be won to the Lord. *First semester, odd-numbered calendar years.*

**CCS 372** On-Field Mission Team Experience (2 credits)  
For students of all majors to gain practical on-field mission experience in various ministry contexts. Instruction, assignments and typical on-field experiences (10 days to 3 weeks) will be arranged to give the student an overall view of life and work on the mission field. *Summer.*

**CCS 373** On-Field Mission Team Experience (3 credits)

For students of all majors to gain practical on-field mission experience in various ministry contexts. Instruction, assignments and typical on-field experiences (four or more weeks) will be arranged to give the student an overall view of life and work on the mission field. *Summer.*

**CCS 399** Missions Internship (3 credits)

On-location instruction under the leadership of experienced missionaries. Includes cultural and religious orientation assignments and guided experience in the evangelization, discipleship and counseling of nationals. *Required of all Cross-Cultural Service majors. Summer.*

**CCS 402** Strategies for Cross-Cultural Ministry (3 credits)

Field strategies for church planting and leadership development from biblical, historical and practical perspectives; indigenization and contextualization; survey of developments in practice and philosophy of missions. *First semester, even-numbered calendar years.*

## HOMILETICS

**Hm 301** Homiletics I (3 credits)

Construction, delivery and evaluation of expository sermons from various genres of Scripture. *First semester.*

**Hm 302** Homiletics II (3 credits)

Construction, delivery and evaluation of expository sermons from various genres of Scripture. Includes instruction and practice in the preaching of inductive, evangelistic and topical sermons. *Prerequisite: Hm 301. Second semester.*

**Hm 303** Advanced Expository Preaching (3 credits)

Construction, delivery and evaluation of expository sermons of various kinds. Includes exposure to and interaction with the history and literature of homiletics. Special focus on developing a biblical philosophy of application in preaching. *Prerequisite: Hm 301. Second semester.*

## MINISTRIES

**Min 100** Ministry Chapel (0 credit)

An inspirational, equipping and engaging weekly meeting held during the chapel period designed for those interested in ministry. Required of all School of Religion majors every semester that they are enrolled. *Open also to students interested in vocational ministry, whether full or part time. Both semesters.*

**Min 101–404** Ministry Outreach (0 credit)

A practicum for ministry. Students will serve in various ministries of evangelism, discipleship, teaching, preaching and serving in local churches and various ministry opportunities in Greenville and surrounding areas. School of Religion mentors guide each student whom they advise to appropriate ministries to develop ministry skills necessary to succeed in the 21st century. Course requirements increase as the student progresses from the freshman year to the senior year. Required of all School of Religion majors every semester that they are enrolled. *Open also to students interested in vocational ministry, whether full or part time. Both semesters.*

**Min 103** Foundations of Biblical Leadership & Sanctification (2 credits)

Principles and praxis of biblical leadership and sanctification. Guided reading and application of significant books on leadership and sanctification. Course includes instruction, collaboration and critique, culminating in a summary of the experience and a personal purpose statement. *Summer.*

**Min 110** Introduction to Ministry & Leadership (3 credits)

An overview to expose the student to the gamut of ministry preparedness; types of ministry, components and needed resources. *First semester.*

**Min 203** Foundations of Youth Work (3 credits)

Promotion and direction of youth work: young people's societies in the local church, evangelistic youth rallies and summer camps. *Both semesters.*

**Min 220** Worship in the Church (3 credits)

An introduction to the theology and practice of church worship. This course examines the teaching of both Testaments on worship, establishing a cogent theology of worship along with implications regarding its practice. *First semester.*

**Min 225** Evangelism in Women's Ministry (3 credits)

A course designed to prepare students to minister to both saved and unsaved women. Students will learn how to effectively share the gospel and answer objections to the gospel. Topics will also include suffering from a biblical perspective and God's design for sexual purity. Special attention will be given to ministering to the hurting and vulnerable women in society and practical experience in women's ministry settings. *Second semester.*

**Min 305** Evangelism & Discipleship (3 credits)

Principles, guidelines and methods to evangelize the lost and to disciple new converts. *Second semester.*

**Min 310** Leadership Coaching (3 credits)

Introduction to coaching philosophy and practice. Students learn how to coach leaders and emerging leaders and to create opportunities for breakthrough thinking, execution and change. Students learn skills that define a successful coach, including deep listening, effective questioning, awareness and presence. Application of leadership and coaching principles to personal and public contexts.

*Prerequisite: MIn 310. First semester.*

**Min 320** Planning & Leading Corporate Worship (3 credits)

A study of strategies for planning and leading church services. Attention to the development of themes, using scripture reading, music, preaching and other aspects of the service to accomplish the thematic goals for that service. *Second semester.*

**Min 325** Children's Ministry (3 credits)

Methods, materials and procedures used in the evangelism and Christian growth of children.

**Min 330** Women Teaching Women (3 credits)

A course that aims at helping women become effective teachers of God's Word to other women. This class focuses on biblical mandates and principles of discipleship, communication skills, and the organization, development and presentation of Bible studies and lessons. *Both semesters.*

**Min 390** Apologetics & Worldview Internship (3 credits)

Practical experience and instruction in a ministry context with an apologetics emphasis. Supervised participation in various facets of the ministry supplemented by readings and projects. *Both semesters, Summer.*

**Min 393** Youth Ministry Internship (3 credits)

Practical application of youth ministry principles and methods under the guidance of a youth pastor. Students in this internship will engage in all major aspects of ministry to youth in the church. *Both semesters, Summer.*

**Min 395** Camp Internship (3 credits)

Practical instruction in all phases of a Bible camp ministry, including philosophy, development and maintenance, governmental issues, staff, programming, administration, finances and food services. Hands-on experience for the total operation of a camp program. *Summer.*

**Min 397** Evangelism Internship (3 credits)

Practical experience and instruction in all phases of a traveling evangelist's ministry, including scheduling meetings, correspondence, family issues, finances and children's work. Student travels with the evangelist and completes projects and readings. *Summer.*

**Min 399** Pastoral Leadership Internship (3 credits)

Practical experience and instruction in all phases of the local church ministry under the leadership of an experienced pastor. *Both semesters, Summer.*

**Min 400** Gospel in a Multicultural World (3 credits)

A course that addresses issues related to ministry in the postmodern world. Globalization has produced multicultural societies today, especially in cities. This course addresses issues of Bible illiteracy, postmodern assumptions, relativism, contextualization and other matters related to sharing the Gospel in the 21st century. *Second semester.*

**Min 410** Leadership Coaching Practicum (3 credits)

Application and assessment of leadership coaching principles learned in Min 310. Coursework prepares students to coach clients while learning and reflecting on key principles of coaching, including the International Coach Federation (ICF) competencies. Students coach pro bono clients and work in their assigned learning groups. *Prerequisite: MIn 310. Second semester.*

**Min 425** Women's Ministry (3 credits)

A course designed to prepare students for challenges and potential issues they may face as they minister to women in various contexts, particularly in the local church. Topics will include biblical womanhood and the mandate for ministry to women found in Titus 2:3-5. Special attention will be given to developing a biblical philosophy of women's ministry, developing a women's ministry in the local church and analyzing current issues through a biblical worldview. *First semester.*

**Min 480** Ministry & Leadership Seminar (3 credits)

The capstone course for Ministry and Leadership majors. This seminar course challenges senior Leadership & Ministry students to focus on particular areas of ministry through research papers and class presentations. *Second semester.*



# FACULTY



## DEAN

### *Kevin Paul Oberlin (2007)*

BA, Bob Jones University;  
MA, Bob Jones University;  
PhD, Bob Jones University;  
ThM, Trinity International  
University; Additional graduate  
work, Grace College and  
Theological Seminary; Geneva  
Reformed Seminary; and Jerusalem  
University College

## DIVISION OF BIBLICAL STUDIES & THEOLOGY

### DIVISION CHAIR

#### *Daniel Perry Olinger (2000)*

BA, Bob Jones University; MA, Bob Jones University;  
PhD, Bob Jones University

#### *Brenton Hunter Cook (2006)*

BA, Bob Jones University; MA, Bob Jones University;  
PhD, Bob Jones University; Additional graduate work,  
Southern Evangelical Seminary

#### *Neal Dean Cushman (2015)*

BA, Bob Jones University; MA, Bob Jones University;  
PhD, Baptist Bible College & Seminary

#### *Timothy Alan Hughes (Adjunct)*

BA, Bob Jones University; MA, Bob Jones University;  
PhD, Bob Jones University

#### *Russell Edmund Miller Jr. (2001)*

BA, Bob Jones University; MA, Bob Jones University;  
PhD, Bob Jones University; Additional graduate work,  
Southern Evangelical Seminary

#### *Andrew Timothy Minnick (Adjunct)*

BA, Bob Jones University; MA, Bob Jones University

#### *Eric David Newton (2018)*

BA, Bob Jones University; MA, Bob Jones University;  
PhD, Bob Jones University

***Samuel Saldivar (2005)***

BA, Bob Jones University; MA, Bob Jones University;  
PhD, Bob Jones University

***Joshua James Smith (Adjunct)***

BA, Bob Jones University; MA, Bob Jones University;  
PhD, Bob Jones University

***Gregory John Stiekes (2016)***

BA, Bob Jones University; MA, Bob Jones University;  
MDiv, Central Baptist Theological Seminary;  
ThM, Erskine College and Seminary;  
PhD, Southeastern Baptist Theological Seminary

***Jeremy Lee West (Adjunct)***

BMus, Bob Jones University; MA, Bob Jones University;  
PhD, Bob Jones University

***Sherry Jansen Miller (Adjunct)***

BS, Bob Jones University; MA, Bob Jones University

***Jason Duane Ormiston (2007)***

BA, Northland International University;  
MABS, Central Baptist Theological Seminary;  
MDiv, Central Baptist Theological Seminary;  
DMin, Westminster Theological Seminary

## DIVISION OF MINISTRIES

**DIVISION CHAIR*****Mark Craig Vowels (2014)***

BA, Bob Jones University; MA, Bob Jones University;  
MA, Columbia International University; Additional graduate  
work, Grace College and Theological Seminary; and Trinity  
International University

***Nathan Gerrit Crockett (2008)***

BA, Bob Jones University; MA, Bob Jones University;  
PhD, Bob Jones University

***Steven Francis Cruice Sr. (2006)***

BS, Pennsylvania State University-Main Campus;  
MDiv, Calvary Baptist Theological Seminary;  
DMin, Calvary Baptist Theological Seminary;  
Additional graduate work, Calvary Baptist Bible College

***Cynthia Slack Garland (1998)***

BA, Bob Jones University; MS, Bob Jones University

***Pearson Lee Johnson III (Adjunct)***

BS, Bob Jones University; MDiv, Bob Jones University;  
ThM, Detroit Baptist Theological Seminary;  
DMin, The Southern Baptist Theological Seminary

***Gregory Joseph Mazak (1986)***

BS, Ohio State University; MEd, Clemson University;  
MDiv, Bob Jones University; PhD, Bob Jones University

***Kerry Todd McGonigal (2003)***

BS, Bob Jones University; MDiv, Bob Jones University;  
DMin, Bob Jones University





*School of*  
**FINE ARTS &  
COMMUNICATION**

# PROGRAMS

The School of Fine Arts and Communication exists to provide a scripturally based, quality education to students interested in Christian ministries and professions related to the arts and communication; to provide a broad range of cultural experiences for the University in line with the charter, mission, core values and institutional goals of the institution, and to provide support for arts-related outreach ministries of the University.

## GOALS

The student will ...

- Refine skills and aesthetic sensibilities through scripturally based, quality training in art and design.
- Refine skills and aesthetic sensibilities through scripturally based, quality training in music.
- Refine skills and aesthetic sensibilities through scripturally based, quality training in communication.

## DIVISIONS & DEPARTMENTS

The School of Fine Arts and Communication is organized into three divisions:

- Division of Art and Design
  - Department of Art*
  - Department of Design*
- Division of Music
  - Department of Music History and Literature*
  - Department of Music Theory and Technology*
  - Department of Church Music*
  - Department of Vocal Studies*
  - Department of Keyboard Studies*
  - Department of Instrumental Studies*
  - Department of Music Education*
- Division of Communication
  - Department of Communication Studies*
  - Department of Journalism and Mass Communication*
  - Department of Cinema*
  - Department of Theatre*

## DEGREES OFFERED

### *Undergraduate Degrees*

The *Associate of Science* degree with a major in Media Technology

The *Bachelor of Arts* degree with majors in Communication, Journalism and Mass Communication, Music and Theatre

The *Bachelor of Fine Arts* degree with majors in Graphic Design, Interior Architecture and Design and Studio Art

The *Bachelor of Music* degree with majors in Composition, Keyboard Performance, Orchestral Instrument Performance, Piano Pedagogy and Voice Performance

The *Bachelor of Science* degree with majors in Fashion Design, Cinema Production, Music, Music and Church Ministries and Visual Studies

The *Bachelor of Music Education* degree with a major in Music Education in coordination with the School of Education, Division of Teacher Education

### *Graduate Certificate & Degrees*

The *Graduate Certificate* in Communication

The *Master of Arts* degree with majors in Communication Studies and Theatre

The *Master of Music Education* degree

*Please refer to the current BJU Seminary and Graduate Studies Catalog for detailed information regarding each of the degree offerings noted above, including information regarding learning objectives, goals, course offerings and sequencing, and degree conferral requirements.*



**Darren P. Lawson, PhD**  
*Dean*

# DIVISION OF ART & DESIGN



Jay M. Bopp, MFA  
Chair

The Division of Arts and Design of the School of Fine Arts and Communication includes the Departments of Art and Design. The division offers a *Bachelor of Science* degree in Visual Studies.

Majors and minors are offered in each department. Courses are offered in this division to students who desire to improve their artistic skills in various areas. Courses are also available as general electives.

Internships are available to qualified students at local businesses and are assigned by the directing instructor.

## PURPOSE

The Division of Art and Design exists to prepare Christian visual artists and designers to become the new problem-solvers of our time. With a biblical perspective on creativity, the Art and Design faculty seeks to develop the students' God-given talent to the highest level of communication, creative expression and professionalism possible.

## GOALS

The student will ...

- Employ the principles and elements of composition across a wide range of media and applications.
- Employ creative thinking in the production of quality artwork.
- Analyze and evaluate elements of art history and contemporary trends in art.
- Formulate Christ-centered artistic goals and a personal Bible-based philosophy of art or design.
- Evaluate career direction based on personal abilities.



## Bachelor of Science, Visual Studies

Jay M. Bopp, MFA  
Program Coordinator

The Bachelor of Science in Visual Studies program is intended for the student who wishes to explore the theoretical and technical aspects of art and design outside the traditional restrictions of the single discipline area. The Visual Studies program emphasizes flexible curriculum which accommodates interdisciplinary practice and provides an optional concentration in Photography. The Visual Studies program allows the student to enroll in courses which, in combination with art and design courses, can lead to careers in art education, art in medicine, art administration, museum and gallery work, art and ministry, and other arts related fields. The program supports the goals of the Division of Art and Design.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Analyze and synthesize the major achievements of the greater art community from the past to the present.
- Evaluate quality and effectiveness in their own work and the work of others using the language of visual art on a professional level.
- Organize and execute an exhibition of their own original and successful work in a variety of media.

#### Photography Concentration

Courses: 15 credits

Pho 100 Photography I (3)  
Pho 200 Photography II (3)  
Pho 310 Advanced Photographic  
Lighting (3)

#### *Photography Elective 1 (3)*

- Pho 300 Photojournalism (3)
- Pho 301 The Art of Photography (3)

#### *Photography Elective 2 (3)*

- Pho 402 Potrait Photography (3)
- Pho 404 Commercial Tabletop  
Photography (3)

### PHOTOGRAPHY CONCENTRATION

The Photography Concentration is intended for students in the Visual Studies program who desire to specialize in professional photography. The concentration requires students to complete a minimum of 15 credits in photography classes. Students will take all introductory courses as well as select upper level courses in their preferred area of interest. Students must have a minimum GPA of 2.5 across all major and concentration courses with no grade less than C- in any required program or concertation course.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Apply knowledge of advanced camera work across a range of professional photographic genres.
- Demonstrate a knowledge of advanced artificial lighting set ups, both in studio and out, for a variety of desired professional aesthetics.
- Use organizational, conceptual and creative skills to plan, produce, retouch and present professional bodies of work.

## Visual Studies Program Summary

Major .....	45
BJU Core .....	51
Electives .....	24
<b>Total (minimum).....</b>	<b>120</b>

## DEGREE COURSES

### Major: 45 credits

Ar 121	Drawing & Structural Representation I (3)
Ar 122	Drawing & Structural Representation II (3)
Ar 130	Foundations of Art & Design (3)
Ar 201	Foundations: Design Theory (3)
Ar 202	Foundations: Color Theory (3)
Ar 310	Art History: Prehistoric to Renaissance (3)
Ar 311	Art History: High Renaissance to Contemporary (3)
<i>Art &amp; Design Electives (24)</i>	

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

24 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	FA 125	Christianity & the Arts (3)
Bi 205	OT Literature & Interpretation (3)	Ar 122	Drawing/Structural Representation II (3)
Ar 121	Drawing/Structural Representation I (3)	Com 101	Fundamentals of Speech (3)
<b>Total Credits: 12</b>		<i>Math/Computer or Science Elective (3)</i>	
<b>Total Credits: 15</b>			

### Second Year

Sc 200	Essential Science (3)	SSE 200	Foundations of Economics (3)
Bi 209	NT Literature & Interpretation (3)	Hi 101	The Making of the Modern World (3)
Ph 200	Themes in Western Thought (3)	Ar 202	Foundations: Color Theory (3)
Ar 130	Foundations of Art & Design (3)	<i>English or Writing Elective (3)</i>	
Ar 201	Foundations: Design Theory (3)	<i>Electives or Minor (3)</i>	
<b>Total Credits: 18</b>		<b>Total Credits: 15</b>	

### Third Year

Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
Ar 310	Art History: Prehistoric–Renaissance (3)	Ar 311	Art History: Renaissance–Contemp (3)
Com 410	Oral Comm for the Professions (3)	<i>Art &amp; Design Elective (3)</i>	
<i>Art &amp; Design Elective (3)</i>		<i>Electives or Minor (6)</i>	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Fourth Year

Th 499	Apologetics & Worldview (3)	<i>Art &amp; Design Elective (3)</i>	
<i>Art &amp; Design Elective (3)</i>		<i>Art &amp; Design Elective (3)</i>	
<i>Art &amp; Design Elective (3)</i>		<i>Art &amp; Design Elective (3)</i>	
<i>Art &amp; Design Elective (3)</i>		<i>Electives or Minor (6)</i>	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

· Transfer students must present a portfolio of previous college artwork when applying. Art and Design work to be transferred must be evaluated by the art faculty before credit is granted.

# Department of Art

April D. Schwingle, MA  
*Department Head*

The Department offers a major in Studio Art and a minor in Art. Courses are offered in this department for majors and minors and for students to fulfill the general degree requirements in art. Courses are also available as general electives.

## ART MINOR

The Art minor provides a general understanding of fundamental art principles. It offers hands-on experience in drawing, painting, ceramics and fiber arts as preparation for the production of works in the visual arts. It also allows exploration of graphic design, interior architecture and design, and fashion design as a field of interest. Transfer students must present a portfolio of previous college artwork when they first register. Studio work to be transferred must be evaluated by the art faculty before credit is granted.

A minor in Art consists of Ar 121 Drawing & Structural Representation I (3), Ar 122 Drawing & Structural Representation II (3) or Ar 125 Figure & Anatomy Drawing (3), Ar 130 Foundations of Art & Design (3), Ar 201 Foundations: Design Theory (3), Ar 202 Foundations: Color Theory (3), and three credits of art electives. Recommended electives: Ar 204 Oil & Acrylic Painting (3), Ar 220 Ceramics I (3), Ar 405 Printmaking: Lithography & Serigraphy (3), GrD 130 Introduction to Graphic Design (3), and GrD 160 Fundamentals of Typography (3).



## Bachelor of Fine Arts, **Studio Art**

**Jonathan Andrews, MA**  
*Program Coordinator*

The Studio Art major provides preparation for a career in studio art, illustration or other fields in the visual arts. Along with Bible and liberal arts courses, a core of drawing and design courses sharpens perceptive skills and lays a solid aesthetic and technical foundation for advanced work. It features a required senior exhibition and the development of a biblically based philosophy of art. Classroom instruction is complemented by extensive lab and studio experiences. An emphasis on the creation of God-honoring works of art supports the University's mission. This program requires 66 credits.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Examine major achievements of the greater art community from the past to the present and synthesize them into their personal work and practice.
- Analyze the context and effectiveness of contemporary artwork to assist in developing relevant and relatable ideas.
- Evaluate the process, content, quality, and effectiveness of their own work and articulate their conclusions using the language of visual art on a professional level.
- Organize and execute an exhibition of their own work and the work of others.

## Studio Art Program Summary

Major .....	66
BJU Core .....	51
Electives .....	3
<b>Total (minimum) .....</b>	<b>120</b>

## DEGREE COURSES

### Major: 66 credits

Ar 121	Drawing & Structural Representation I (3)
Ar 122	Drawing & Structural Representation II (3)
Ar 125	Figure & Anatomy Drawing (3)
Ar 201	Foundations: Design Theory (3)
Ar 202	Foundations: Color Theory (3)
Ar 204	Oil & Acrylic Painting (3)
Ar 206	Digital Drawing & Painting (3)
Ar 310	Art History: Prehistoric to Renaissance (3)
Ar 311	Art History: High Renaissance to Contemporary (3)
Ar 401	Directed Studies I (3)
Ar 402	Directed Studies II (3)
Ar 410	Professional Practices in Studio Art (3)
Ar 426	Studio Internship (3)
<i>Art Electives (27)</i>	

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Ph 200	Themes in Western Thought (3)
Ar 130	Foundations of Art & Design (3)

### Electives:

3 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bi 205	OT Literature & Interpretation (3)
Ar 121	Drawing/Structural Representation I (3)	Ar 122	Drawing/Structural Representation II (3)
Ar 130	Foundations of Art & Design (3)	Ar 202	Foundations: Color Theory (3)
Ar 201	Foundations: Design Theory (3)	Com 101	Fundamentals of Speech (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Second Year

Bi 209	NT Literature & Interpretation (3)	Hi 101	The Making of the Modern World (3)
Ar 125	Figure & Anatomy Drawing (3)	Ph 200	Themes in Western Thought (3)
Ar 204	Oil & Acrylic Painting (3)	<i>Art Elective (3)</i>	
Ar 206	Digital Drawing & Painting I (3)	<i>Art Elective (3)</i>	
<i>Electives or Minor (3)</i>		<i>English or Writing Elective (3)</i>	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Third Year

Th 350	Bible Doctrines (3)	SSE 200	Foundations of Economics (3)
Ar 310	Art History: Prehistoric–Renaissance (3)	Th 360	Bible Doctrines (3)
Com 410	Oral Comm for the Professions (3)	Ar 311	Art History: Renaissance–Contemp (3)
<i>Art Elective (3)</i>		<i>Art Elective (3)</i>	
<i>Art Elective (3)</i>		<b>Total Credits: 15</b>	

### Fourth Year

Sc 200	Essential Science (3)	Th 499	Apologetics & Worldview (3)
Ar 401	Directed Studies I (3)	Ar 402	Directed Studies II (3)
<i>Art Elective (3)</i>		Ar 410	Professional Practices in Studio Art (3)
<i>Art Elective (3)</i>		Ar 426	Studio Internship (3)
<i>Art Elective (3)</i>		<i>Math/Computer or Science Elective (3)</i>	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

- Transfer students must present a portfolio of previous college artwork when applying. Studio work to be transferred must be evaluated by the art faculty before credit is granted.
- Studio Art candidacy will be determined by a faculty committee's evaluation of the student's coursework and performance near the midpoint of his or her program.

# Department of Design

Laurie-Lynne D. Hall, MFA

*Department Head*

The Department offers majors in Graphic Design, Interior Architecture and Design and Fashion Design. Courses are offered in this department for majors and courses are also available as general electives.

## PHOTOGRAPHY MINOR

The Photography minor provides instruction in the creative and technical art of photography. It offers hands-on opportunities to learn the principles of good photography in practical applications.

A minor in Photography consists of Pho 100 Photography I (3), Pho 200 Photography II (3), Pho 310 Advanced Photographic Lighting (3), and nine credits of electives with a Pho prefix.



## Bachelor of Fine Arts, **Graphic Design**

**Christopher J. Barnhart, MA**  
*Program Coordinator*

### Graphic Design Program Summary

Major .....	69
BJU Core .....	51
<b>Total (minimum)</b> .....	<b>120</b>

The Graphic Design major provides preparation for a career in visual communication. The program includes a core of business, Bible and liberal arts. Through classroom instruction, and lab and studio experience, the program features foundational drawing and design courses, advanced course projects that parallel professional practice, a required internship in the design industry, the presentation of a portfolio, and a biblical philosophy of design in support of the University's mission. This program requires 69 credits.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Evaluate and analyze major achievements and individuals of graphic design history and the contemporary design community.
- Create original solutions to design problems of varying complexity in a variety of media utilizing the theories of communication design.
- Design a professional portfolio that meets or exceeds industry standards with utilization of design technology and implementation of typographic skill.

## DEGREE COURSES

### Major: 69 credits

Ar 121	Drawing & Structural Representation I (3)
Ar 201	Foundations: Design Theory (3)
Ar 202	Foundations: Color Theory (3)
Ar 311	Art History: High Renaissance to Contemporary (3)
GrD 130	Introduction to Graphic Design (3)
GrD 160	Fundamentals of Typography (3)
GrD 180	Visual Communication (3)
GrD 200	Expressive Typography (3)
GrD 325	Web Design (3)
GrD 326	Advanced Web Design (3)
GrD 328	Publication Design (3)
GrD 330	Branding & Visual Identity (3)
GrD 332	Advertising & Package Design (3)
GrD 360	History of Graphic Design (3)
GrD 401	Advanced Design Study I (3)
GrD 402	Advanced Design Study II (3)
GrD 410	Professional Practices (3)
GrD 415	Graphic Design Internship (3)
Pho 100	Photography I (3)
Pho 200	Photography II (3)
<i>Program Electives (9)</i>	

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Ph 200	Themes in Western Thought (3)
Ar 130	Foundations of Art & Design (3)

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bi 205	OT Literature & Interpretation (3)
Ar 121	Drawing/Structural Representation I (3)	GrD 160	Fundamentals of Typography (3)
Ar 130	Foundations of Art & Design (3)	GrD 180	Visual Communication (3)
GrD 130	Introduction to Graphic Design (3)	Com 101	Fundamentals of Speech (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Second Year

Bi 209	NT Literature & Interpretation (3)	Hi 101	The Making of the Modern World (3)
Ar 201	Foundations: Design Theory (3)	Ph 200	Themes in Western Thought (3)
GrD 200	Expressive Typography (3)	Ar 202	Foundations: Color Theory (3)
Pho 100	Photography I (3)	GrD 328	Publication Design (3)
<i>English or Writing Elective (3)</i>		Pho 200	Photography II (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Third Year

Th 350	Bible Doctrines (3)	Sc 200	Essential Science (3)
GrD 325	Web Design (3)	Th 360	Bible Doctrines (3)
GrD 330	Branding & visual Identity (3)	Ar 311	Art History: Renaissance–Contemp (3)
GrD 360	History of Graphic Design (3)	GrD 326	Advanced Web Design (3)
<i>Program Elective (3)</i>		GrD 332	Advertising & Package Design (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Fourth Year

SSE 200	Foundations of Economics (3)	Th 499	Apologetics & Worldview (3)
GrD 401	Advanced Design Study I (3)	GrD 402	Advanced Design Study II (3)
Com 410	Oral Comm for the Professions (3)	GrD 410	Professional Practices (3)
<i>Math/Computer or Science Elective (3)</i>		GrD 415	Graphic Design Internship (3)
<i>Program Elective (3)</i>		<i>Program Elective (3)</i>	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

- Transfer students must present a portfolio of previous college artwork when applying. Studio work to be transferred must be evaluated by the art faculty before credit is granted.
- Graphic Design candidacy will be determined by a faculty committee's evaluation of the student's coursework portfolio and performance near the midpoint of his or her program.



## INTERIOR ARCHITECTURE & DESIGN MINOR

The Interior Architecture and Design minor provides a general understanding of fundamental design principles. It offers experience in drafting, drawing, space planning, and materials specifications as part of preparation for a career in a related field. Also, it affords an opportunity for students to explore graphic design and studio art media that align with his or her specific interests and career goals.

A minor in Interior Architecture and Design consists of IAD 101 Architectural Drawing & Design (3), IAD 102 Introduction to Interior Architecture & Design (3), IAD 201 Design Drawing & Presentation (3), IAD 202 Computer-Aided Drafting (3), IAD 300 Residential Interior Design (3) and three credits of interior architecture and design electives.

## Bachelor of Fine Arts, Interior Architecture & Design

Laurie-Lynne D. Hall, MFA  
Program Coordinator

Interior Architecture & Design Program Summary	
Major .....	60
BJU Core .....	51
Electives .....	9
<b>Total (minimum).....</b>	<b>120</b>

The Interior Architecture and Design program provides a combination of 67 credits of interior design and art courses, the required number of credits in order for an entry-level designer to sit for the National Council of Interior Design Qualification Examination. This program requires at least 51 credits of interior architecture and design courses and at least 15 credits of art courses. The program combines classroom instruction with extensive laboratory activities and practical field work as an intern during the senior year. An emphasis on industry best practices and excellence of design supports the University's goal to build Christlike character in students.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Solve complex design problems through the study and integration of technical, spatial, aesthetic and conceptual knowledge.
- Effectively communicate design solutions using oral, written and visual presentation skills.
- Employ an understanding of the principles of art and design to create solutions for interior architecture and design projects.
- Evaluate design work based on knowledge of industry terminology, building codes and materials, interior finish materials and architectural issues effecting the built environment.
- Produce a portfolio of work that details professional industry knowledge and the skills necessary for securing career opportunities in the field of art and design.
- Understand the industry standards and behaviors necessary to perform in the global marketplace for art, architecture and design.

## DEGREE COURSES

### Major: 60 credits

Ar 121	Drawing & Structural Representation I (3)
Ar 201	Foundations: Design Theory (3)
Ar 202	Foundations: Color Theory (3)
GrD 130	Introduction to Graphic Design (3)
IAD 101	Architectural Drawing & Design (3)
IAD 102	Introduction to Interior Architecture & Design (3)
IAD 201	Drawing & the Design Process (3)
IAD 202	Computer-Aided Drafting (3)
IAD 203	BIM & Graphics Technology (3)
IAD 205	Lighting Design (3)
IAD 220	Material & Components of Interior Design (3)
IAD 230	Building Systems & Codes (3)
IAD 240	History of Architecture & Interior Design (3)
IAD 300	Residential Interior Design (3)
IAD 310	Commercial Design I (3)
IAD 320	Commercial Design II (3)
IAD 340	Fundamentals of Project Management (3)
IAD 400	Professional Practice (3)
IAD 410	IAD Directed Studies (3)
IAD 420	Interior Design Internship (3)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Ph 200	Themes in Western Thought (3)
Ar 130	Foundations of Art & Design (3)

### Electives:

9 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bi 205	OT Literature & Interpretation (3)
Ar 130	Foundations of Art & Design (3)	Ar 121	Drawing/Structural Representation I (3)
Ar 201	Foundations: Design Theory (3)	Ar 202	Foundations: Color Theory (3)
IAD 101	Architectural Drawing & Design (3)	IAD 102	Intro to Interior Arch & Design (3)
<b>Total Credits: 15</b>		Com 101	Fundamentals of Speech (3)
		<b>Total Credits: 18</b>	

### Second Year

Bi 209	NT Literature & Interpretation (3)	Hi 101	The Making of the Modern World (3)
IAD 201	Drawing & the Design Process (3)	IAD 203	BIM & Graphics Technology (3)
IAD 202	Computer-Aided Drafting (3)	IAD 205	Lighting Design (3)
<i>English or Writing Elective (3)</i>		IAD 220	Materials & Components of ID (3)
<i>Electives or Minor (3)</i>		IAD 230	Building Systems & Codes (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Third Year

Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
Ph 200	Themes in Western Thought (3)	GrD 130	Introduction to Graphic Design (3)
IAD 240	History of Arch & Interior Design (3)	IAD 320	Commercial Design II (3)
IAD 300	Residential Interior Design (3)	IAD 340	Fundamentals of Project Management (3)
IAD 310	Commercial Design I (3)	<i>Math/Computer or Science Elective (3)</i>	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Fourth Year

Th 499	Apologetics & Worldview (3)	Sc 200	Essential Science (3)
IAD 410	IAD Directed Studies (3)	SSE 200	Foundations of Economics (3)
IAD 420	Interior Design Internship (3)	IAD 400	Professional Practices (3)
Com 410	Oral Comm for the Professions (3)	<i>Electives or Minor (6)</i>	
<b>Total Credits: 12</b>		<b>Total Credits: 15</b>	

- Transfer students must present a portfolio of previous college art work when applying. Studio work to be transferred must be evaluated by the art and design faculty before credit is granted.
- Interior Architecture and Design candidacy will be determined by a faculty committee's evaluation of the student's course work portfolio and performance near the midpoint of his or her program.





## FASHION DESIGN MINOR

The Fashion Design minor provides hands-on experience in developing skills as well as an understanding of the broad field of fashion. Eighteen credits are required for the minor.

A minor in Fashion Design consists of FD 130 Apparel Construction I (3), FD 131 Apparel Construction II (3), FD 220 Business of Fashion (3), FD 235 Apparel Design I (3), and 6 credits of Fashion Design electives. Recommended electives: FD 240 History of Apparel (3), FD 330 Apparel Construction III (3), FD 335 Apparel Design II (3), FD 340 Textiles for the Consumer (3), FD 342 Digital Fashion (3), FD 435 Apparel Design III (3).

## Bachelor of Science, **Fashion Design**

**Karen L. Flora, MS**  
*Program Coordinator*

### Fashion Design Program Summary

Major .....	57
BJU Core .....	51
Electives.....	12
<b>Total (minimum).....</b>	<b>120</b>

The Bachelor of Science degree in Fashion Design is a broad-based program preparing students for fashion retail, garment design and construction, as well as home-based business and community service. The senior internship gives practical experience for each student in a professional workplace. The Fashion Design Exhibit showcases student projects combining principles of art, design and construction. The major supports the University’s goal of Christlike character. This major requires 57 credits.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Professionally construct and alter garments.
- Design original patterns for garment construction.
- Apply business techniques to retail merchandising.
- Incorporate art and design principles to Fashion Design projects.
- Compile a professional portfolio of Fashion Design artwork.

## DEGREE COURSES

### Major: 57 credits

Ar 121	Drawing & Structural Representation I (3)
Ar 201	Foundations: Design Theory (3)
Ar 202	Foundations: Color Theory (3)
Ar 232	Fiber Arts (3)
Ar 333	Fashion Illustration (2)
FD 130	Apparel Construction I (3)
FD 131	Apparel Construction II (3)
FD 220	Business of Fashion (3)
FD 235	Apparel Design I (3)
FD 240	History of Apparel (3)
FD 330	Apparel Construction III (3)
FD 335	Apparel Design II (3)
FD 340	Textiles for the Consumer (3)
FD 342	Digital Fashion (3)
FD 350	Fashion Studio I (3)
FD 420	Fashion Studio II (3)
FD 430	Fashion Design Internship (3)
FD 435	Apparel Design III (3)
Pho 100	Photography I (3)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
English or Writing Elective	(3)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
Math/Computer or Science Elective	(3)
Ph 200	Themes in Western Thought (3)
Ar 130	Foundations of Art & Design (3)

### Electives:

12 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bi 205	OT Literature & Interpretation (3)
Ar 130	Foundations of Art & Design (3)	Ar 121	Drawing/Structural Representation I (3)
Ar 201	Foundations: Design Theory (3)	Ar 202	Foundations: Color Theory (2)
FD 130	Apparel Construction I (3)	FD 131	Apparel Construction II (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Second Year

Ar 333	Fashion Illustration (3)	Hi 101	The Making of the Modern World (3)
FD 220	Business of Fashion (3)	Bi 209	NT Literature & Interpretation (3)
FD 235	Apparel Design I (3)	FD 335	Apparel Design II (3)
Com 101	Fundamentals of Speech (3)	FD 342	Digital Fashion (3)
	Electives or Minor (3)		English or Writing Elective (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Third Year

Sc 200	Essential Science (3)	SSE 200	Foundations of Economics (3)
Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
FD 240	History of Apparel (3)	Ar 232	Fiber Arts (3)
FD 350	Fashion Studio I (3)	FD 340	Textiles for the Consumer (3)
Pho 100	Photography I (3)	FD 420	Fashion Studio II (3)
<b>Total Credits: 15</b>			Math/Computer or Science Elective (3)
		<b>Total Credits: 18</b>	

### Fourth Year

FD 330	Apparel Construction III (3)	Th 499	Apologetics & Worldview (3)
FD 430	Fashion Design Internship (3)	Ph 200	Themes in Western Thought (3)
Com 410	Oral Comm Professions (3)	FD 435	Apparel Design III (3)
	Electives or Minor (3)		Electives or Minor (6)
<b>Total Credits: 12</b>		<b>Total Credits: 15</b>	

- Transfer students must present a portfolio of previous college art work when applying. Studio work to be transferred must be evaluated by the art and design faculty before credit is granted.
- Fashion Design candidacy will be determined by a faculty committee's evaluation of the student's coursework portfolio and performance near the midpoint of his or her program.



Michael W. Moore, PhD  
Chair

## DIVISION OF MUSIC

The Division of Music of the School of Fine Arts and Communication includes the Departments of Music History and Literature, Music Theory and Technology, Church Music, Vocal Studies, Keyboard Studies, Instrumental Studies, and Music Education. Majors for the *Bachelor of Music* degree, the *Bachelor of Music Education* degree and the *Bachelor of Science* degree in Music and Church Ministries are offered in various departments. In addition, the Division offers a *Bachelor of Arts* and a *Bachelor of Science* degree in Music and a minor in Music. Courses are also available as general electives.

### PURPOSE

The Division of Music at Bob Jones University is a community of students and faculty committed to pursuing and sharing the beauty of God through musical excellence and redemptive artistry.

### GOALS

The student will ...

- Explore the structural, historical, philosophical, cross-cultural, aesthetic and performance aspects of music.
- Be equipped to serve as educators, performers, advocates and leaders in churches, schools, community and professional organizations, and on the mission field.
- Apply relevant skills, resources and technology.
- Articulate a distinctly Christian aesthetic rooted in a biblical worldview.
- Experience opportunities for cultural enrichment in accordance with the University's charter and heritage.

### MUSIC MAJOR PLACEMENT & CANDIDACY

Any student planning to major in the Division of Music must, upon entrance, demonstrate distinct ability in that performance field. Candidacy will be determined by the student passing a platform test near the midpoint of his or her program.

All entering music majors must take the Rudiments of Music Test. Those who do not pass the test must register for MT 099 Introduction to Music Theory in addition to MT 105 Theory I. This class provides an intensive review of the fundamentals of music theory.

## MUSIC MINOR

The Music minor provides instruction in music theory, music literature and private lessons. It offers a four-semester concentration on one instrument of the student's choice.

To qualify as a Music minor, the student must demonstrate suitable ability in one performance field (excluding hymn improvisation). In voice and piano this will be entrance at the private-lesson level (Vo 311, Pi 311); in organ and instruments the performance audition will determine eligibility.

All entering Music minors must take the Rudiments of Music Test. Those who do not pass the test must register for MT 099 Introduction to Music Theory in addition to MT 105 Theory I.

The Music minor requires 22 credits. A minor in Music consists of Mu 101 Introduction to Music Literature (3), MT 105 Theory I (3) and MT 107 Practical Musicianship I (1), MT 106 Theory II (3) and MT 108 Practical Musicianship II (1), MT 301 Elements of Conducting (2), four credits of private instruction in one principal performance area (311 or above), one credit of electives in music or music education and four credits of participation in large ensembles.

## Bachelor of Arts or Bachelor of Science, **Music**

**Paul W. Overly, DMus**  
Program Coordinator

### BA Music Program Summary

Major .....	44
BJU Core .....	61
Electives .....	15
<b>Total (minimum) .....</b>	<b>120</b>

### BS Music Program Summary

Major .....	44
BJU Core .....	49
Electives .....	27
<b>Total (minimum) .....</b>	<b>120</b>

## DEGREE COURSES

### Major: 44 credits

MT 105	Theory I (3)
MT 106	Theory II (3)
MT 107	Practical Musicianship I (1)
MT 108	Practical Musicianship II (1)
MT 205	Theory III (4)
MT 206	Theory IV (4)
MT 301	Elements of Conducting (2)
Mu 101	Introduction to Music Literature (3)
Mu 303	History of Music: Antiquity to Baroque (3)
Mu 305	History of Music: Classical to Contemporary (3)
Mu 306	Entrepreneurial Musician Seminar & Internship (3)
<i>Private Instruction for the Major/Principal (6)</i>	
<i>Large Ensemble Electives<sup>1</sup> (8)</i>	

### BJU Core: 61 [BA]; 49 [BS] credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
<i>World Language (12; BA)</i>	
Uni 101	Pathways (3)

In support of the university's mission to develop Christlike character in its students, both the Bachelor of Arts and the Bachelor of Science degrees in music allow students to effectively use general electives within the respective programs. Students may customize either program around their personal strengths and interests including the opportunity to complete a double-major. The broad selection in general studies, the liberal arts, and applied musicianship and entrepreneurship of either program culminates with an experiential learning internship with a local music industry or arts organization. Both programs require a total of 44 credits in the major—the BA degree requires 12 credits in a world language with 15 credits of general electives whereas the BS degree requires 27 credits of general electives.

## PROGRAM LEARNING OUTCOMES

The student will . . .

- Perform with proficiency in a variety of musical settings and styles.
- Critique musical works and performances from a biblically informed understanding of creativity and aesthetics.
- Articulate an understanding of music as it relates to culture and human enterprise past, present and future.

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Mu 101	Introduction to Music Literature (3)
Bi 205	OT Literature & Interpretation (3)	MT 106	Theory II (3)
MT 105	Theory I (3)	MT 108	Practical Musicianship II (1)
MT 107	Practical Musicianship I (1)	Com 101	Fundamentals of Speech (3)
	Private Instrn: Major/Prin (1)		Private Instrn: Major/Prin (1)
	Large Ensemble Elective <sup>1</sup> (1)		Large Ensemble Elective <sup>1</sup> (1)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Second Year

Bi 209	NT Literature & Interpretation (3)	Hi 101	The Making of the Modern World (3)
MT 205	Theory III (4)	Ph 200	Themes in Western Thought (3)
MT 301	Elements of Conducting (2)	MTc 201	Introduction to Music Technology (2)
	English or Writing Elective (3)	MT 206	Theory IV (4)
	Private Instrn: Major/Prin (1)		Private Instrn: Major/Prin (1)
	Large Ensemble Elective <sup>1</sup> (1)		Large Ensemble Elective <sup>1</sup> (1)
	Electives or Minor (3)		<b>Total Credits: 14</b>
	<b>Total Credits: 17</b>		

### Third Year

Sc 200	Essential Science (3)	SSE 200	Foundations of Economics (3)
Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
Mu 303	History Music: Antiquity-Baroque (3)	Mu 305	History of Music: Classical-Contemp (3)
	Private Instrn: Major/Prin (1)		Private Instrn: Major/Prin (1)
	Large Ensemble Elective <sup>1</sup> (1)		Large Ensemble Elective <sup>1</sup> (1)
	World Language (3; BA) and/or		World Language (3; BA) and/or
	Electives or Minor (3)		Electives or Minor (3)
	<b>Total Credits: 14</b>		<b>Total Credits: 14</b>

Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
MTc 201	Introduction to Music Technology (2)
Ph 200	Themes in Western Thought (3)
Mu 507	Music & the Creative Image-Bearer (2)

Electives:

15 (BA); 27 (BS) credits and/or select a minor

Fourth Year

Mu 306	The Entrepreneurial Musician (3)	Th 499	Apologetics & Worldview (3)
Com 410	Oral Comm for the Professions (3)	Mu 507	Music & the Creative Image-Bearer (2)
	Large Ensemble Elective <sup>1</sup> (1)		Large Ensemble Elective <sup>1</sup> (1)
	World Language (3; BA) and/or Electives or Minor (2-9)		World Language (3; BA) and/or Electives or Minor (1-9)
	<b>Total Credits: 16</b>		<b>Total Credits: 15</b>

<sup>1</sup> Ens 100 University Singers, Ens 101 Collegiate Choir, Ens 102 Lyric Choir, Ens 103 Men's Glee, Ens 104 Concert Choir, Ens 105 Chorale, Ens 106 Chamber Singers, Ens 110 Concert Band, Ens 111 Symphonic Wind Band, Ens 112 String Orchestra or Ens 113 University Symphonic Orchestra

- Music candidacy will be determined by the student passing a platform test near the midpoint of his or her program.
- Seniors may elect to take applied lessons and perform a recital with permission of applied faculty.





# Department of Music History & Literature

**Paul W. Overly, DMus**

*Department Head*

Courses are offered in this department for students who must complete the requirements for a Bachelor of Arts or Bachelor of Science degree in music, Bachelor of Music degree or a Bachelor of Music Education degree.

Courses are also available as general electives. Neither a major nor a minor is offered in Music History and Literature.

# Department of Music Theory & Technology

**Seth A. Custer, PhD**

*Department Head*

The Department offers a major in Composition. Courses are offered in this department for students who must complete the requirements for a Bachelor of Arts or Bachelor of Science degree in music, Bachelor of Music degree or a Bachelor of Music Education degree. Courses are also available as general electives.

# Bachelor of Music, **Composition**

**Seth A. Custer, PhD**  
*Program Coordinator*

<b>Composition</b>	
<b>Program Summary</b>	
Major .....	73
BJU Core .....	49
<b>Total (minimum)</b> .....	<b>122</b>

The Composition major provides preparation for graduate study and career opportunities in writing, arranging, publishing and studio production for church, educational and commercial contexts. Combined with the BJU core, this degree fosters the growth of musical creativity, applied in diverse contexts and mediums, through composition and primary instrument or vocal instruction, large and small ensemble participation, entrepreneurship seminar, a music industry internship and a senior composition recital. This program prescribes 73 credits in the major and supports the University’s mission to develop Christlike character in the students.

### PROGRAM LEARNING OUTCOMES

- The student will . . .
- Formulate an understanding of music theory, history and performance in the greater context of composition and creativity.
  - Evaluate literature, methods and technology used in successful collaboration and production.
  - Present a public performance of original works that demonstrate mature musicianship and vibrant community interaction.

## DEGREE COURSES

### Major: 73 credits

Mu 101	Introduction to Music Literature (3)
Mu 303	History of Music: Antiquity to Baroque (3)
Mu 305	History of Music: Classical to Contemporary (3)
Mu 306	Entrepreneurial Musician Seminar & Internship (3)
MTc 202	Notation in Music Technology (2)
MTc 501	Studio Production Techniques (2)
MT 105	Theory I (3)
MT 106	Theory II (3)
MT 107	Practical Musicianship I (1)
MT 108	Practical Musicianship II (1)
MT 205	Theory III (4)
MT 206	Theory IV (4)
MT 301	Elements of Conducting (2)
MT 409	Form & Analysis (2)
MT 491	Private Instruction for the Composition Major/Principal (4)
MT492	Private Instruction for the Composition Major/Principal (8)
MT 501	Eighteenth-Century Counterpoint (2)
MT 504	Orchestration (2)
	<i>Music Elective (4)</i>
	<i>Applied Secondary-Piano (2)</i>
	<i>Applied Instrument/Voice (6)</i>
	<i>Chamber Ensemble Electives<sup>2</sup> (1)</i>
	<i>Large Ensemble Electives<sup>1</sup> (8)</i>

### BJU Core: 49 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	<i>English or Writing Elective (3)</i>
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
MTc 201	Introduction to Music Technology (2)
Ph 200	Themes in Western Thought (3)
Mu 507	Music & the Creative Image-Bearer (2)

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bi 205	OT Literature & Interpretation (3)
MT 105	Theory I (3)	Mu 101	Introduction to Music Literature (3)
MT 107	Practical Musicianship I (1)	MTc 201	Introduction to Music Technology (2)
MT 491	Private Instrn: Comp Major/Prin (1)	MT 106	Theory II (3)
Com 101	Fundamentals of Speech (3)	MT 108	Practical Musicianship II (1)
	Applied Instrument/Voice (1)	MT 491	Private Instrn: Comp Major/Prin (1)
	Large Ensemble Elective <sup>1</sup> (1)		Applied Instrument/Voice (1)
	<b>Total Credits: 16</b>		Large Ensemble Elective <sup>1</sup> (1)
			<b>Total Credits: 18</b>

### Second Year

MTc 202	Notation in Music Technology (2)	Hi 101	The Making of the Modern World (3)
MT 205	Theory III (4)	Bi 209	NT Literature & Interpretation (3)
MT 301	Elements of Conducting (2)	Ph 200	Themes in Western Thought (3)
MT 491	Private Instrn: Comp Major/Prin (1)	MT 206	Theory IV (4)
	Applied Instrument/Voice (1)	MT 491	Private Instrn: Comp Major/Prin (1)
	Chamber Ensemble Elective <sup>2</sup> (0.5)		Applied Instrument/Voice (1)
	English or Writing Elective (3)		Large Ensemble Elective <sup>1</sup> (1)
	Large Ensemble Elective <sup>1</sup> (1)		<b>Total Credits: 16</b>
	<b>Total Credits: 14.5</b>		

### Third Year

Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
Mu 303	History of Music: Antiquity-Baroque (3)	Mu 304	History of Music: Classical-Contemp (3)
Mu 306	Entr Musician Seminar & Internship (3)	MTc 501	Studio Production Techniques (2)
MT 492	Private Instrn: Comp Major/Prin (2)	MT 409	Form & Analysis (2)
	Applied Instrument/Voice (1)	MT 492	Private Instrn: Comp Major/Prin (2)
	Applied Secondary-Piano (1)		Applied Instrument/Voice (1)
	Chamber Ensemble Elective <sup>2</sup> (0.5)		Applied Secondary-Piano (1)
	Large Ensemble Elective <sup>1</sup> (1)		Large Ensemble Elective <sup>1</sup> (1)
	<b>Total Credits: 14.5</b>		<b>Total Credits: 15</b>

### Fourth Year

SSE 200	Foundations of Economics (3)	Sc 200	Essential Science (3)
Th 499	Apologetics & Worldview (3)	Mu 507	Music & the Creative Image-Bearer (2)
MT 492	Private Instrn: Comp Major/Prin (2)	MT 492	Private Instrn: Comp Major/Prin (2)
MT 504	Orchestration (2)	MT 501	Eighteenth-Century Counterpoint (2)
Com 410	Oral Comm for the Professions (3)		Large Ensemble Elective <sup>1</sup> (1)
	Large Ensemble Elective <sup>1</sup> (1)		Music Elective (4)
	<b>Total Credits: 14</b>		<b>Total Credits: 14</b>

<sup>1</sup> Ens 100 University Singers, Ens 101 Collegiate Choir, Ens 102 Lyric Choir, Ens 103 Men's Glee, Ens 104 Concert Choir, Ens 105 Chorale, Ens 106 Chamber Singers, Ens 110 Concert Band, Ens 111 Symphonic Wind Band, Ens 112 String Orchestra or Ens 113 University Symphonic Orchestra

<sup>2</sup> Ens 120 Brass Ensemble, Ens 121 Woodwind Ensemble, Ens 122 String Ensemble, Ens 123 Guitar Ensemble, Ens 124 Chamber Harp Ensemble, Ens 125 Handbell Choir or Ens 126 Percussion Ensemble

· Composition candidacy will be determined by the student passing a platform test near the midpoint of his or her program.

# Department of Church Music

Fred R. Coleman, DPasTh

*Department Head*

The Department offers a major in Music and Church Ministries. Courses are also available as general electives. Internships are required at local churches and are assigned by the department head.

## Bachelor of Science, Music & Church Ministries

Fred R. Coleman, DPasTh

*Program Coordinator*

<b>Music &amp; Church Ministries Program Summary</b>	
Major .....	55
BJU Core .....	49
Electives .....	16
<b>Total (minimum).....</b>	<b>120</b>

This program is designed for students who want to use music in Christian Ministry. It simultaneously focuses on the development of essential musical skills and the implementation of those skills in various ministries of the local church. The highly flexible church ministry emphasis in this program allows both men and women to pursue their interest in Bible, Pastoral Ministry, Worship, Women’s Ministries, Youth Ministry, Christian Counseling or Cross-Cultural studies. Thirteen credits of general electives provide further academic flexibility, and should the student anticipate pursuing graduate studies or seminary degree, the degree allows four semesters of language study if desired. This degree requires 55 credits in the major including 23 credits in church ministry and supports the University’s mission to develop Christlike character in the student.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Develop the ability to lead various aspects of church ministry that synthesize music and the elements of Christian worship.
- Articulate an understanding of the history of congregational song in gathered Christian worship and its relationship to contemporary practice.
- Perform the satisfactory musical technique as a voice, keyboard (piano or organ), guitar or orchestral instrument principal.

## DEGREE COURSES

### Major: 55 credits

Mu 101	Introduction to Music Literature (3)
MT 105	Theory I (3)
MT 106	Theory II (3)
MT 107	Practical Musicianship I (1)
MT 108	Practical Musicianship II (1)
MT 301	Elements of Conducting (2)
Min 220	Worship in the Church (3)
Min 320	Planning & Leading Corporate Worship (3)
CM 200	Church Music Leadership I (3)
CM 201	Church Music Leadership II (3)
CM 491	Church Music Internship I (1)
CM 492	Church Music Internship II (1)
CM 503	History of Congregational Song (3)
<i>Music History Elective<sup>3</sup> (3)</i>	
· Mu 303	History of Music: Antiquity to Baroque (3)
· Mu 305	History of Music: Classical to Contemporary (3)
<i>Bible/Ministries Electives<sup>4</sup> (6)</i>	
<i>Applied Secondary-Piano<sup>2</sup> (2)</i>	
<i>Private Instruction for the Major/Principal (6)</i>	
<i>Large Ensemble Electives<sup>1</sup> (8)</i>	

### BJU Core: 49 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
MTc 201	Introduction to Music Technology (2)
Ph 200	Themes in Western Thought (3)
Mu 507	Music & the Creative Image-Bearer (2)

### Electives:

16 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bi 209	NT Literature & Interpretation (3)
Bi 205	OT Literature & Interpretation (3)	MT 106	Theory II (3)
MT 105	Theory I (3)	MT 108	Practical Musicianship II (1)
MT 107	Practical Musicianship I (1)	Com 101	Fundamentals of Speech (3)
	Private Instrn: Major/Prin (1)		Private Instrn: Major/Prin (1)
	Large Ensemble Elective <sup>1</sup> (1)		Large Ensemble Elective <sup>1</sup> (1)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Second Year

Mu 101	Introduction to Music Literature (3)	Hi 101	The Making of the Modern World (3)
MT 301	Elements of Conducting (2)	Ph 200	Themes in Western Thought (3)
CM 200	Church Music Leadership I (3)	MTc 201	Introduction to Music Technology (2)
	English or Writing Elective (3)	CM 201	Church Music Leadership II (3)
	Private Instrn: Major/Prin (1)		Private Instrn: Major/Prin (1)
	Large Ensemble Elective <sup>1</sup> (1)		Large Ensemble Elective <sup>1</sup> (1)
	Electives or Minor (3)		Music History Elective <sup>3</sup> (3)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

### Third Year

SSE 200	Foundations of Economics (3)	Sc 200	Essential Science (3)
Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
Min 220	Worship in the Church (3)	Min 320	Planning/Leading Corporate Worship (3)
	Applied Secondary-Piano <sup>2</sup> (1)		Applied Secondary-Piano <sup>2</sup> (1)
	Private Instrn: Major/Prin (1)		Private Instrn: Major/Prin (1)
	Large Ensemble Elective <sup>1</sup> (1)		Large Ensemble Elective <sup>1</sup> (1)
	Electives or Minor (4)		Electives or Minor (2)
	<b>Total Credits: 16</b>		<b>Total Credits: 14</b>

### Fourth Year

CM 491	Church Music Internship I (1)	Th 499	Apologetics & Worldview (3)
CM 503	History of Congregational Song (3)	Mu 507	Music & the Creative Image-Bearer (2)
Com 410	Oral Comm for the Professions (3)	CM 492	Church Music Internship II (1)
	Bible/Ministries Elective <sup>4</sup> (3)		Bible/Ministries Elective <sup>4</sup> (3)
	Large Ensemble Elective <sup>1</sup> (1)		Large Ensemble Elective <sup>1</sup> (1)
	Electives or Minor (3)		Electives or Minor (4)
	<b>Total Credits: 14</b>		<b>Total Credits: 14</b>

<sup>1</sup> Ens 100 University Singers, Ens 101 Collegiate Choir, Ens 102 Lyric Choir, Ens 103 Men's Glee, Ens 104 Concert Choir, Ens 105 Chorale, Ens 106 Chamber Singers, Ens 110 Concert Band, Ens 111 Symphonic Wind Band, Ens 112 String Orchestra or Ens 113 University Symphonic Orchestra

<sup>2</sup> Two credits of applied secondary are required:

- Orchestral Instrument principals must take piano (2).
- Organ principals must take Or 501 Service Playing (2).
- Piano principals must take CM 291 Keyboard Playing in Church Ministry (1).
- Voice principals must take piano (2).

<sup>3</sup> Mu 303 History of Music: Antiquity to Baroque or Mu 305 History of Music: Classical to Contemporary

<sup>4</sup> Any course with the following prefix: Bi, NT, OT, BC, CCS, Hm or Min

- Music and Church Ministries candidacy will be determined by the student passing a platform test near the midpoint of his or her program.

# Department of Vocal Studies

Shellie A. Beeman, DA  
*Department Head*

The Department offers a major in Voice Performance. Courses are also available as general electives.

## Bachelor of Music, **Voice Performance**

Shellie A. Beeman, DA  
*Program Coordinator*

<b>Voice Performance Program Summary</b>	
Major .....	80
BJU Core .....	49
<b>Total (minimum).....</b>	<b>129</b>

The Voice Performance major will prepare students for a career as a studio instructor, a ministry in church music, graduate study or a career in performance. It offers breadth and specialization in music courses, including diction, pedagogy and literature combined with a solid liberal arts core. It requires piano proficiency, platform tests and three public recitals. Voice Performance majors must participate in a university choral group or opera/music theatre production every semester. This program prescribes 80 credits in the major and provides students with opportunities for cultural enrichment in accordance with the University’s character and heritage for the glory of God.

### PROGRAM LEARNING OUTCOMES

- The student will ...
- Apply knowledge of standard vocal literature to performance.
  - Acquire an advanced skill level of German, Italian, French and English diction.
  - Exhibit a working knowledge of healthy vocal function.
  - Perform with artistry, drama and proper stage deportment.

## DEGREE COURSES

Major: 80 credits

Mu 101	Introduction to Music Literature (3)
Mu 303	History of Music: Antiquity to Baroque (3)
Mu 305	History of Music: Classical to Contemporary (3)
Mu 306	Entrepreneurial Musician Seminar & Internship (3)
Mu 404	Voice Literature Survey (3)
MT 105	Theory I (3)
MT 106	Theory II (3)
MT 107	Practical Musicianship I (1)
MT 108	Practical Musicianship II (1)
MT 205	Theory III (4)
MT 206	Theory IV (4)
MT 301	Elements of Conducting (2)
MT 409	Form & Analysis (2)
MT 501	Eighteenth-Century Counterpoint (2)
Vo 400	Voice Pedagogy (3)
Vo 491	Private Instruction for the Voice Major/Principal (1)
Vo 492	Private Instruction for the Voice Major/Principal (10)
Vo 493	Private Instruction for the Voice Major/Principal (6)
Vo 503	Opera Workshop I (2)
Vo 506	Diction for Singers (3)
	<i>Applied Secondary—Piano<sup>1</sup> (2)</i>
	<i>Choral Ensemble Electives<sup>2</sup> (8)</i>
	<i>French Language (3)</i>
	<i>German Language (3)</i>
	<i>Opera/Musical Chorus/Role<sup>3</sup> (2)</i>

BJU Core: 49 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	<i>English or Writing Elective (3)</i>
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
MTc 201	Introduction to Music Technology (2)
Ph 200	Themes in Western Thought (3)
Mu 507	Music & the Creative Image-Bearer (2)

## SUGGESTED SCHEDULE

First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bi 205	OT Literature & Interpretation (3)
MT 105	Theory I (3)	Mu 101	Introduction to Music Literature (3)
MT 107	Practical Musicianship I (1)	MT 106	Theory II (3)
Vo 491	Private Instrn: Voice Major/Prin (1)	MT 108	Practical Musicianship II (1)
Com 101	Fundamentals of Speech (3)	Vo 492	Private Instrn: Voice Major/Prin (2)
	Choral Ensemble Elective <sup>2</sup> (1)		Choral Ensemble Elective <sup>2</sup> (1)
	German Language (3)		<b>Total Credits: 18</b>

Second Year

Ph 200	Themes in Western Thought (3)	Hi 101	The Making of the Modern World (3)
MTc 201	Introduction to Music Technology (2)	Bi 205	NT Literature & Interpretation (3)
MT 205	Theory III (4)	MT 206	Theory IV (4)
MT 301	Elements of Conducting (2)	Vo 492	Private Instrn: Voice Major/Prin (2)
Vo 492	Private Instrn: Voice Major/Prin (2)		Applied Secondary—Piano <sup>1</sup> (1)
	Applied Secondary—Piano <sup>1</sup> (1)		Choral Ensemble Elective <sup>2</sup> (1)
	Choral Ensemble Elective <sup>2</sup> (1)		English or Writing Elective (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 17</b>

Third Year

Th 350	Bible Doctrines (3)	Sc 200	Essential Science (3)
Mu 303	History of Music: Antiquity–Baroque (3)	Th 360	Bible Doctrines (3)
MT 501	Eighteenth-Century Counterpoint (2)	Mu 305	History of Music: Classical-Contemp (3)
Vo 492	Private Instrn: Voice Major/Prin (2)	Vo 492	Private Instrn: Voice Major/Prin (2)
Vo 503	Opera Workshop I (2)	Vo 506	Diction for Singers (3)
	Choral Ensemble Elective <sup>2</sup> (1)		Choral Ensemble Elective <sup>2</sup> (1)
	French Language (3)		Opera/Musical Chorus/Role <sup>3</sup> (0.5)
	Opera/Musical Chorus/Role <sup>3</sup> (0.5)		<b>Total Credits: 15.5</b>
	<b>Total Credits: 16.5</b>		

Fourth Year

Th 499	Apologetics & Worldview (3)	SSE 200	Foundations of Economics (3)
Mu 306	Entr Musician Seminar & Internship (3)	Mu 404	Voice Literature Survey (3)
Vo 400	Voice Pedagogy (3)	Mu 507	Music & the Creative Image-Bearer (2)
Vo 493	Private Instrn: Voice Major/Prin (3)	MT 409	Form & Analysis (2)
Com 410	Oral Comm for the Professions (3)	Vo 493	Private Instrn: Voice Major/Prin (3)
	Choral Ensemble Elective <sup>2</sup> (1)		Choral Ensemble Elective <sup>2</sup> (1)
	Opera/Musical Chorus/Role <sup>3</sup> (0.5)		Opera/Musical Chorus/Role <sup>3</sup> (0.5)
	<b>Total Credits: 16.5</b>		<b>Total Credits: 14.5</b>

<sup>1</sup> Piano must be taken until the secondary piano examination is passed. Students who pass the secondary piano examination prior to the second semester must replace these credits with music electives.

<sup>2</sup> Ens 100 University Singers, Ens 101 Collegiate Choir, Ens 102 Lyric Choir, Ens 103 Men's Glee, Ens 104 Concert Choir, Ens 105 Chorale or Ens 106 Chamber Singers

<sup>3</sup> Ens 130 Opera/Musical Role Preparation, Ens 131 Opera/Musical Role Performance or Ens 132 Opera/Musical Chorus

- While previous training in voice is not required for entrance to the program in voice performance, strong musicianship and natural vocal gifts are essential. Students should be proficient in music, demonstrating a basic knowledge of music fundamentals; piano training is also beneficial.
- Voice Performance candidacy will be determined by the student passing a platform test near the midpoint of his or her program.

# Department of Keyboard Studies

David C. Lehman, MMus  
*Department Head*

The Department offers majors in Keyboard Performance and Piano Pedagogy. Courses are also available as general electives.

## Bachelor of Music, **Keyboard Performance**

Deanna C. Moore, DMA  
*Program Coordinator*

<b>Keyboard Performance Program Summary</b>	
Major .....	74
BJU Core .....	49
<b>Total (minimum).....</b>	<b>123</b>

The Keyboard Performance (piano or organ) major prepares the student for a career in studio teaching, a ministry in church music, for graduate study or a career in performance. It offers breadth and specialization in music performance with a solid liberal arts core. The program requires participation in a university ensemble and features junior and senior recitals. The program prescribes 74 credits in the major and supports the Division of Music purpose to equip students to use music for the glory of God.

### PROGRAM LEARNING OUTCOMES

- The student will ...
- Apply knowledge of standard keyboard literature to performance.
  - Integrate music theory and performance in literature interpretation.
  - Apply mature musical interpretation and advanced keyboard skills.



## DEGREE COURSES

### Major: 74 credits

Mu 101	Introduction to Music Literature (3)
Mu 303	History of Music: Antiquity to Baroque (3)
Mu 305	History of Music: Classical to Contemporary (3)
Mu 306	Entrepreneurial Musician Seminar & Internship (3)
MT 105	Theory I (3)
MT 106	Theory II (3)
MT 107	Practical Musicianship I (1)
MT 108	Practical Musicianship II (1)
MT 205	Theory III (4)
MT 206	Theory IV (4)
MT 301	Elements of Conducting (2)
MT 409	Form & Analysis (2)
MT 501	Eighteenth-Century Counterpoint (2)
	<i>Keyboard Literature Survey</i> <sup>1</sup> (3)
	· Mu 405 Piano Literature Survey (3)
	· Mu 406 Organ Literature Survey (3)
	<i>Keyboard Pedagogy Electives</i> <sup>2</sup> (5)
	· Or 400 Organ Pedagogy (2)
	· Or 501 Service Playing (2)
	· Ppd 303 Piano Pedagogy for the Private Instructor (3)
	· Ppd 304 Piano Pedagogy for the Group Instructor (2)
	Private Instruction for the Keyboard Major/Principal (22)
	<i>Chamber Ensemble/Accompany Electives</i> <sup>3</sup> (2)
	<i>Large Ensemble Electives</i> <sup>4</sup> (8)

### BJU Core: 49 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	<i>English or Writing Elective</i> (3)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
MTc 201	Introduction to Music Technology (2)
Ph 200	Themes in Western Thought (3)
Mu 507	Music & the Creative Image-Bearer (2)

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bi 205	OT Literature & Interpretation (3)
MT 105	Theory I (3)	Mu 101	Introduction to Music Literature (3)
MT 107	Practical Musicianship I (1)	MT 106	Theory II (3)
Com 101	Fundamentals of Speech (3)	MT 108	Practical Musicianship II (1)
	Private Instrn: Keyboard Major/Prin (2)		Private Instrn: Keyboard Major/Prin (2)
	Large Ensemble Elective <sup>4</sup> (1)		Large Ensemble Elective <sup>4</sup> (1)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

### Second Year

Ph 200	Themes in Western Thought (3)	Hi 101	The Making of the Modern World (3)
MT 205	Theory III (4)	Bi 209	NT Literature & Interpretation (3)
	Private Instrn: Keyboard Major/Prin (3)	MTc 201	Introduction to Music Technology (2)
	Chamber Ens/Accompany Elective <sup>3</sup> (0.5)	MT 206	Theory IV (4)
	English or Writing Elective (3)		Private Instrn: Keyboard Major/Prin (3)
	Large Ensemble Elective <sup>4</sup> (1)		Chamber Ens/Accompany Elective <sup>3</sup> (0.5)
	<b>Total Credits: 14.5</b>		Large Ensemble Elective <sup>4</sup> (1)
			<b>Total Credits: 16.5</b>

### Third Year

Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
Mu 303	History of Music: Antiquity-Baroque (3)	Mu 305	History of Music: Classical-Contemp (3)
MT 301	Elements of Conducting (2)	Mu 306	Entr Musician Seminar & Internship (3)
	Private Instrn: Keyboard Major/Prin (3)		Private Instrn: Keyboard Major/Prin (3)
	Chamber Ens/Accompany Elective <sup>3</sup> (0.5)		Chamber Ens/Accompany Elective <sup>3</sup> (0.5)
	Keyboard Pedagogy Elective <sup>2</sup> (3)		Keyboard Pedagogy Elective <sup>2</sup> (2)
	Large Ensemble Elective <sup>4</sup> (1)		Large Ensemble Elective <sup>4</sup> (1)
	<b>Total Credits: 15.5</b>		<b>Total Credits: 15.5</b>

### Fourth Year

Sc 200	Essential Science (3)	SSE 200	Foundations of Economics (3)
Th 499	Apologetics & Worldview (3)	Mu 507	Music & the Creative Image-Bearer (2)
MT 501	Eighteenth-Century Counterpoint (2)	MT 409	Form & Analysis (2)
	Keyboard Literature Survey <sup>1</sup> (3)	Com 410	Oral Comm for the Professions (3)
	Private Instrn: Keyboard Major/Prin (3)		Private Instrn: Keyboard Major/Prin (3)
	Large Ensemble Elective <sup>4</sup> (1)		Large Ensemble Elective <sup>4</sup> (1)
	<b>Total Credits: 15</b>		<b>Total Credits: 14</b>

<sup>1</sup> Mu 405 Piano Literature Survey or Mu 406 Organ Literature Survey

<sup>2</sup> Or 400 Organ Pedagogy, Or 501 Service Playing, Ppd 303 Piano Pedagogy for the Private Instructor or Ppd 304 Piano Pedagogy for the Group Instructor

<sup>3</sup> Ens 120 Brass Ensemble, Ens 121 Woodwind Ensemble, End 122 String Ensemble, Ens 123 Guitar Ensemble, Ens 124 Chamber Harp Ensemble, Ens 125 Handbell Choir, Ens 126 Percussion Ensemble or Ens 135 Collaborative Piano

<sup>4</sup> Ens 100 University Singers, Ens 101 Collegiate Choir, Ens 102 Lyric Choir, Ens 103 Men's Glee, Ens 104 Concert Choir, Ens 105 Chorale, Ens 106 Chamber Singers, Ens 110 Concert Band, Ens 111 Symphonic Wind Band, End 112 String Orchestra or Ens 113 University Symphony Orchestra

• Keyboard Performance candidacy will be determined by the student passing a platform test near the midpoint of his or her program.



Bachelor of Music, **Piano Pedagogy**

**Kenon D. Renfrow, PhD**  
*Program Coordinator*

<b>Piano Pedagogy Program Summary</b>	
Major .....	74
BJU Core .....	49
<b>Total (minimum).....</b>	<b>123</b>

The Piano Pedagogy major provides preparation for a career in piano teaching. It offers internship instruction and experience for class and private piano teaching at various levels combined with a solid liberal arts core. The program requires participation in a university ensemble and features junior and senior recitals. The program prescribes 74 credits in the major and supports the Division of Music purpose to equip students to use music for the glory of God.

**PROGRAM LEARNING OUTCOMES**

- The student will ...
- Apply knowledge of pedagogical literature, materials and methods to piano teaching.
  - Perform memorized public recitals with skill.
  - Integrate music theory and performance in literature interpretation.

## DEGREE COURSES

### Major: 74 credits

Mu 101	Introduction to Music Literature (3)
Mu 303	History of Music: Antiquity to Baroque (3)
Mu 305	History of Music: Classical to Contemporary (3)
Mu 306	Entrepreneurial Musician Seminar & Internship (3)
Mu 405	Piano Literature Survey (3)
MT 105	Theory I (3)
MT 106	Theory II (3)
MT 107	Practical Musicianship I (1)
MT 108	Practical Musicianship II (1)
MT 205	Theory III (4)
MT 206	Theory IV (4)
MT 301	Elements of Conducting (2)
MT 409	Form & Analysis (2)
MT 501	Eighteenth-Century Counterpoint (2)
Pi 491	Private Instruction for the Piano Major/Principal (8)
PPd 201	Graded Piano Literature & Pedagogy (3)
PPd 301	Piano Intern Instruction I (1)
PPd 302	Piano Intern Instruction II (1)
PPd 303	Piano Pedagogy for the Private Instructor (3)
PPd 304	Piano Pedagogy for the Group Instructor (2)
PPd 401	Piano Intern Instruction III (2)
PPd 402	Piano Intern Instruction IV (2)
ME 502	Music Business (2)
Ed 201	Theories of Teaching & Learning (3)

*Music Elective (2)*

*Large Ensemble Electives<sup>1</sup> (8)*

### BJU Core: 49 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	<i>English or Writing Elective (3)</i>
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
MTc 201	Introduction to Music Technology (2)
Ph 200	Themes in Western Thought (3)
Mu 507	Music & the Creative Image-Bearer (2)

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bi 205	OT Literature & Interpretation (3)
MT 105	Theory I (3)	Mu 101	Introduction to Music Literature (3)
MT 107	Practical Musicianship I (1)	MT 106	Theory II (3)
Pi 491	Private Instrn: Piano Major/Prin (1)	MT 108	Practical Musicianship II (1)
Com 101	Fundamentals of Speech (3)	Pi 491	Private Instrn: Piano Major/Prin (1)
	<i>Large Ensemble Elective<sup>1</sup> (1)</i>		<i>Large Ensemble Elective<sup>1</sup> (1)</i>
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Second Year

Ph 200	Themes in Western Thought (3)	Hi 101	The Making of the Modern World (3)
MT 205	Theory III (4)	Bi 209	NT Literature & Interpretation (3)
Pi 491	Private Instrn: Piano Major/Prin (1)	MTc 201	Introduction to Music Technology (2)
PPd 201	Graded Piano Literature & Pedagogy (3)	MT 206	Theory IV (4)
Ed 201	Theories of Teaching & Learning (3)	Pi 491	Private Instrn: Piano Major/Prin (1)
	<i>Large Ensemble Elective<sup>1</sup> (1)</i>		<i>English or Writing Elective (3)</i>
	<b>Total Credits: 15</b>		<i>Large Ensemble Elective<sup>1</sup> (1)</i>
			<b>Total Credits: 17</b>

### Third Year

Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
Mu 303	History of Music: Antiquity-Baroque (3)	Mu 305	History of Music: Classical-Contemp (3)
MT 301	Elements of Conducting (2)	MT 409	Form & Analysis (2)
MT 501	Eighteenth-Century Counterpoint (2)	Pi 491	Private Instrn: Piano Major/Prin (1)
Pi 491	Private Instrn: Piano Major/Prin (1)	PPd 302	Piano Intern Instruction II (1)
PPd 301	Piano Intern Instruction I (1)	PPd 304	Piano Pedagogy: Group Instructor (2)
PPd 303	Piano Pedagogy: Private Instructor (3)	ME 502	Music Business (2)
	<i>Large Ensemble Elective<sup>1</sup> (1)</i>		<i>Large Ensemble Elective<sup>1</sup> (1)</i>
	<b>Total Credits: 16</b>		<b>Total Credits: 15</b>

### Fourth Year

Th 499	Apologetics & Worldview (3)	Sc 200	Essential Science (3)
Mu 306	Ent Musician Seminar & Internship (3)	SSE 200	Foundations of Economics (3)
Mu 405	Piano Literature Survey (3)	Mu 507	Music & the Creative Image-Bearer (2)
Pi 491	Private Instrn: Piano Major/Prin (1)	Pi 491	Private Instrn: Piano Major/Prin (1)
PPd 401	Piano Intern Instruction III (2)	PPd 402	Piano Intern Instruction IV (2)
Com 410	Oral Comm for the Professions (3)		<i>Large Ensemble Elective<sup>1</sup> (1)</i>
	<i>Large Ensemble Elective<sup>1</sup> (1)</i>		<i>Music Elective (2)</i>
	<b>Total Credits: 16</b>		<b>Total Credits: 14</b>

<sup>1</sup> Ens 100 University Singers, Ens 101 Collegiate Choir, Ens 102 Lyric Choir, Ens 103 Men's Glee, Ens 104 Concert Choir, Ens 105 Chorale, Ens 106 Chamber Singers, Ens 110 Concert Band, Ens 111 Symphonic Wind Band, End 112 String Orchestra or Ens 113 University Symphony Orchestra

\* Piano Pedagogy candidacy will be determined by the student passing a platform test near the midpoint of his or her program.

# Department of Instrumental Studies

**Bruce B. Cox, DMA**

*Department Head*

The Department offers a major in Orchestral Instrument Performance. Courses are also available as general electives.

## Bachelor of Music, **Orchestral Instrument Performance**

**Bruce B. Cox, DMA**  
*Program Coordinator*

<b>Orchestral Instrument Performance</b>	
<b>Program Summary</b>	
Major .....	75
BJU Core .....	49
<b>Total (minimum).....</b>	<b>124</b>

The Orchestral Instrument Performance major provides preparation for graduate study, and a career as a professional studio teacher and musician. It offers breadth and specialization in music combined with a solid liberal arts core. The program requires small ensemble, band or orchestra participation, and features junior and senior recitals. This program prescribes 75 credits in the major and supports the University’s goal to build Christlike character in the lives of our students.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Apply knowledge of performance practices, music history and music theory relevant to performance settings.
- Evaluate literature, materials, methods and technology used in successful studio teaching.
- Perform public recitals that apply mature musical interpretation and advanced instrumental skills.

## DEGREE COURSES

## Major: 75 credits

Mu 101	Introduction to Music Literature (3)
Mu 301	Orchestral Repertoire (2)
Mu 303	History of Music: Antiquity to Baroque (3)
Mu 305	History of Music: Classical to Contemporary (3)
Mu 306	Entrepreneurial Musician Seminar & Internship (3)
MT 105	Theory I (3)
MT 106	Theory II (3)
MT 107	Practical Musicianship I (1)
MT 108	Practical Musicianship II (1)
MT 205	Theory III (4)
MT 206	Theory IV (4)
MT 301	Elements of Conducting (2)
MT 409	Form & Analysis (2)
MT 501	Eighteenth-Century Counterpoint (2)
	<i>Applied Secondary—Piano</i> <sup>3</sup> (2)
	<i>Instrument Pedagogy</i> (2)
	<i>Instrument Literature Survey</i> (3)
	Private Instruction for the Instrument Major/Principal (22)
	<i>Chamber Ensemble Electives</i> <sup>1</sup> (2)
	<i>Instrumental Ensemble Electives</i> <sup>2</sup> (8)

## BJU Core: 49 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	<i>English or Writing Elective</i> (3)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
MTc 201	Introduction to Music Technology (2)
Ph 200	Themes in Western Thought (3)
MU 507	Music & The Creative Image-Bearer (2)

## SUGGESTED SCHEDULE

## First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bi 205	OT Literature & Interpretation (3)
MT 105	Theory I (3)	Mu 101	Introduction to Music Literature (3)
MT 107	Practical Musicianship I (1)	MT 106	Theory II (3)
Com 101	Fundamentals of Speech (3)	MT 108	Practical Musicianship II (1)
	Applied Secondary—Piano <sup>3</sup> (1)		Applied Secondary—Piano <sup>3</sup> (1)
	Private Instrn: Instrument Major/Prin (2)		Private Instrn: Instrument Major/Prin (2)
	Instrumental Ensemble Elective <sup>2</sup> (1)		Instrumental Ensemble Elective <sup>2</sup> (1)
	<b>Total Credits: 17</b>		<b>Total Credits: 17</b>

## Second Year

Bi 209	NT Literature & Interpretation (3)	Hi 101	The Making of the Modern World (3)
MT 205	Theory III (4)	Ph 200	Themes in Western Thought (3)
	Private Instrn: Instrument Major/Prin (3)	MTc 201	Introduction to Music Technology (2)
	Chamber Ensemble Elective <sup>1</sup> (0.5)	MT 206	Theory IV (4)
	English or Writing Elective (3)		Private Instrn: Instrument Major/Prin (3)
	Instrumental Ensemble Elective <sup>2</sup> (1)		Chamber Ensemble Elective <sup>1</sup> (0.5)
	<b>Total Credits: 14.5</b>		Instrumental Ensemble Elective <sup>2</sup> (1)
			<b>Total Credits: 16.5</b>

## Third Year

Sc 200	Essential Science (3)	Th 360	Bible Doctrines (3)
Th 350	Bible Doctrines (3)	Mu 301	Orchestral Repertoire (2)
Mu 303	History of Music: Antiquity–Baroque (3)	Mu 305	History of Music: Classical–Contemp (3)
MT 301	Elements of Conducting (2)	Mu 306	Entr Musician Seminar & Internship (3)
	Private Instrn: Instrument Major/Prin (3)		Private Instrn: Instrument Major/Prin (3)
	Chamber Ensemble Elective <sup>1</sup> (0.5)		Chamber Ensemble Elective <sup>1</sup> (0.5)
	Instrumental Ensemble Elective <sup>2</sup> (1)		Instrumental Ensemble Elective <sup>2</sup> (1)
	<b>Total Credits: 15.5</b>		<b>Total Credits: 15.5</b>

## Fourth Year

Th 499	Apologetics & Worldview (3)	SSE 200	Foundations of Economics (3)
MT 501	Eighteenth-Century Counterpoint (2)	Mu 507	Music & the Creative Image-Bearer (2)
Com 410	Oral Comm for the Professions (3)	MT 409	Form & Analysis (2)
	Private Instrn: Instrument Major/Prin (3)		Private Instrn: Instrument Major/Prin (3)
	Instrument Literature Survey (3)		Instrument Pedagogy (2)
	Instrumental Ensemble Elective <sup>2</sup> (1)		Instrumental Ensemble Elective <sup>2</sup> (1)
	<b>Total Credits: 15</b>		<b>Total Credits: 13</b>

<sup>1</sup> Ens 120 Brass Ensemble, Ens 121 Woodwind Ensemble, End 122 String Ensemble, Ens 123 Guitar Ensemble, Ens 124 Chamber Harp Ensemble, Ens 125 Handbell Choir or Ens 126 Percussion Ensemble

<sup>2</sup> Ens 111 Symphonic Wind Band, End 112 String Orchestra or Ens 113 University Symphony Orchestra

<sup>3</sup> Piano must be taken until the secondary piano examination is passed. Students who pass the secondary piano examination prior to the second semester must replace these credits with music electives.

- Students who wish to major in Orchestral Instrument Performance must demonstrate upon entrance thorough preparation training and innate musical ability.
- Orchestral Instrument Performance candidacy will be determined by the student passing a platform test near the midpoint of his or her program.

# Department of Music Education

**Patty J. Casarow, DMA**  
*Department Head*

The Department offers a major in Music Education in coordination with the School of Education, Division of Teacher Education, providing intensive studies in both music and education.

## Bachelor of Music Education

**Patty J. Casarow, DMA**  
*Program Coordinator*

The major in Music Education provides preparation for teaching music on all levels from pre-kindergarten to high school and leads to South Carolina state licensure. It offers subject matter and education courses, features laboratory and field experiences, requires a sophomore platform, technique test, public recital and ensemble participation, and culminates in a semester of clinical practice in a local school. Students may choose voice, keyboard (piano or organ), guitar or one of the standard orchestral instruments as a principal. The major component comprises 84 credits of required music and music related courses and supports the University's mission of building Christlike character with an emphasis on developing students as bearers of God's image. Instrumental Studies principals include bassoon, cello, clarinet, double bass, euphonium, flute, guitar, harp, horn, oboe, percussion, saxophone, trombone, trumpet, tuba, violin or viola. Music education majors must be a member in a large ensemble each semester (except for the semester they are enrolled in Clinical Practice). In addition, students may be required to be a member in a chamber ensemble. For teacher candidacy and state licensure requirements, see the School of Education, Division of Teacher Education.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Perform with satisfactory technique and artistry as a voice, keyboard (piano or organ), guitar or orchestral instrumental principal.
- Design effective lesson plans and assessments using appropriate methods, materials and technologies for instrumental, vocal and general music education.
- Apply one's own musicianship, content knowledge and pedagogical skill to the teaching of music in an effective and engaging manner.



## Music Education (Choral Track) Program Summary

Major .....	84
BJU Core .....	49
<b>Total (minimum).....</b>	<b>133</b>

## DEGREE COURSES

*Major: 84 credits*

Mu 101	Introduction to Music Literature (3)
Mu 303	History of Music: Antiquity to Baroque (3)
Mu 305	History of Music: Classical to Contemporary (3)
MT 105	Theory I (3)
MT 106	Theory II (3)
MT 107	Practical Musicianship I (1)
MT 108	Practical Musicianship II (1)
MT 205	Theory III (4)
MT 206	Theory IV (4)
MT 301	Elements of Conducting (2)
MT 302	Choral Conducting (2)
MT 502	Choral Composition (2)
ME 301	Voice Methods for Choral Directors (2)
	Applied Secondary-Piano/Voice <sup>1</sup> (2)
	<i>Instrument Class Electives<sup>2</sup> (5)</i>
	· ME 211 Violin/Viola Class (1)
	· ME 212 Cello/Bass Class (1)
	· ME 213 Clarinet Class (1)
	· ME 214 Flute Class (1)
	· ME 215 Cornet Class (1)
	· ME 216 Trombone Class (1)
	· ME 217 Percussion Methods Class (1)
	· ME 219 Guitar Class (1)
	· ME 312 Double Reed Class (1)

## SUGGESTED SCHEDULE (Choral Track)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 101	The Making of the Modern World (3)
Mu 101	Introduction to Music Literature (3)	Bi 205	OT Literature & Interpretation (3)
MT 105	Theory I (3)	MT 106	Theory II (3)
MT 107	Practical Musicianship I (1)	MT 108	Practical Musicianship II (1)
Ed 180	Introduction to Music Education (2)	Com 101	Fundamentals of Speech (3)
	Applied Secondary-Piano/Voice (1)		Applied Secondary-Piano/Voice (1)
	Private Instrn: Major/Prin (1)		Private Instrn: Major/Prin (1)
	Large Ensemble Elective <sup>3</sup> (1)		Large Ensemble Elective <sup>3</sup> (1)
	<b>Total Credits: 18</b>		<b>Total Credits: 19</b>

### Second Year

Ph 200	Themes in Western Thought (3)	Bi 209	NT Literature & Interpretation (3)
MT 205	Theory III (4)	MT 206	Theory IV (4)
MT 301	Elements of Conducting (2)	MT 302	Choral Conducting (2)
Ed 201	Theories of Teaching & Learning (3)	Ed 323	Introduction to Exceptional Learners (3)
	Instrument Class Elective <sup>2</sup> (1)		English or Writing Elective (3)
	Private Instrn: Major/Prin (1)		Private Instrn: Major/Prin (1)
	Large Ensemble Elective <sup>3</sup> (1)		Instrument Class Elective <sup>2</sup> (1)
	<b>Total Credits: 15</b>		Large Ensemble Elective <sup>3</sup> (1)
			<b>Total Credits: 18</b>

### Third Year

Th 350	Bible Doctrines (3)	Sc 200	Essential Science (3)
Mu 303	History of Music: Antiquity-Baroque (3)	Th 360	Bible Doctrines (3)
ME 301	Voice Methods for Choral Directors (2)	Mu 305	History of Music: Classical-Contemp (3)
Ed 325	Development: Birth to Adolescence (3)	Ed 381	Intro to Technology in Music Ed (2)
Ed 387	Teaching Secondary Choral Music (3)	Ed 385	Elementary School Music (3)
	Instrument Class Elective <sup>2</sup> (1)		Instrument Class Elective <sup>2</sup> (1)
	Private Instrn: Major/Prin (1)		Private Instrn: Major/Prin (1)
	Large Ensemble Elective <sup>3</sup> (1)		Large Ensemble Elective <sup>3</sup> (1)
	<b>Total Credits: 17</b>		<b>Total Credits: 17</b>

· ME 313 Saxophone Class (1)
· ME 314 Euphonium/Tuba Class (1)
· ME 315 Horn Class (1)
<i>Private Instruction for the Major/Principal (8)</i>
<i>Large Ensemble Electives<sup>3</sup>(7)</i>
Ed 180 Introduction to Music Education(2)
Ed 201 Theories of Teaching & Learning (3)
Ed 323 Introduction to Exceptional Learners (3)
Ed 325 Development: Birth to Adolescence (3)
Ed 385 Elementary School Music (3)
Ed 387 Teaching Second Choral Music (3)
Ed 499 Clinical Practice (9)
<i>Content Area Reading &amp; Writing Elective<sup>4</sup> (3)</i>
· Ed 348 Content Area Reading & Writing for High School Teachers (3)
· Ed 359 Content Area Reading & Writing for Early Childhood School Teachers (3)
· Ed 367 Content Area Reading & Writing for Elementary School Teachers (3)
· Ed 378 Content Area Reading & Writing for Middle School Teachers (3)

### BJU Core: 49 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	<i>English or Writing Elective (3)</i>
Com 101	Fundamentals of Speech (3)
Com 330	Classroom Communication (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
Ed 381	Introduction to Technology in Music Education (2)
Ph 200	Themes in Western Thought (3)
Mu 507	Music & The Creative Image-Bearer (2)

### Fourth Year

SSE 200	Foundations of Economics (3)	Ed 499	Clinical Practice (9)
Th 499	Apologetics & Worldview (3)		Content Area Reading & Writing <sup>4</sup> (3)
Mu 507	Music & The Creative Image-Bearer (2)		<b>Total Credits: 12</b>
MT 502	Choral Composition (2)		
Com 330	Classroom Communication (3)		
	Instrument Class Elective <sup>2</sup> (1)		
	Private Instrn: Major/Prin (2)		
	Large Ensemble Elective <sup>3</sup> (1)		
	<b>Total Credits: 17</b>		

<sup>1</sup> Non-keyboard principals must elect piano until the secondary piano examination is passed. Students who pass the secondary piano examination prior to the second semester must replace these credits with music electives. Keyboard principals must elect voice as applied secondary.

<sup>2</sup> ME 211 Violin/Viola Class, ME 212 Cello/Bass Class, ME 213 Clarinet Class, ME 214 Flute Class, ME 215 Cornet Class, ME 216 Trombone Class, ME 217 Percussion Methods Class, ME 219 Guitar Class (Required for voice principals and not applicable toward other principals), ME 312 Double Reed Class, ME 313 Saxophone Class, ME 314 Euphonium/Tuba Class or ME 315 Horn Class

<sup>3</sup> Ens 100 University Singers, Ens 101 Collegiate Choir, Ens 102 Lyric Choir, Ens 103 Men's Glee, Ens 104 Concert Choir, Ens 105 Chorale, Ens 106 Chamber Singers, Ens 110 Concert Band, Ens 111 Symphonic Wind Band, End 112 String Orchestra or Ens 113 University Symphony Orchestra

<sup>4</sup> Ed 348 Content Area Reading & Writing for HS Teachers, Ed 359 Content Area Reading & Writing for Early Childhood School Teachers, Ed 367 Content Area Reading & Writing for ES Teachers or Ed 378 Content Area Reading & Writing for MS Teachers

- Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.
- Music Education candidacy will be determined by the student passing a platform test in his or her applied principal near the midpoint of his or her program.





### Music Education (Instrumental Track) Program Summary

Major .....	84
BJU Core .....	49
<b>Total (minimum).....</b>	<b>133</b>

### DEGREE COURSES

*Major: 84 credits*

Mu 101	Introduction to Music Literature (3)
Mu 303	History of Music: Antiquity to Baroque (3)
Mu 305	History of Music: Classical to Contemporary (3)
MT 105	Theory I (3)
MT 106	Theory II (3)
MT 107	Practical Musicianship I (1)
MT 108	Practical Musicianship II (1)
MT 205	Theory III (4)
MT 206	Theory IV (4)
MT 301	Elements of Conducting (2)
MT 303	Instrumental Conducting (2)
MT 504	Orchestration (2)
ME 301	Voice Methods for Choral Director (2)
	Applied Secondary-Piano/Instrument <sup>1</sup> (2)

### SUGGESTED SCHEDULE (INSTRUMENTAL TRACK)

#### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 101	The Making of the Modern World (3)
Mu 101	Introduction to Music Literature (3)	Bi 205	OT Literature & Interpretation (3)
MT 105	Theory I (3)	MT 106	Theory II (3)
MT 107	Practical Musicianship I (1)	MT 108	Practical Musicianship II (1)
Ed 180	Introduction to Music Education (2)	Com 101	Fundamentals of Speech (3)
	Applied Secondary-Piano/Instrument <sup>1</sup> (1)		Applied Secondary-Piano/Instrument <sup>1</sup> (1)
	Private Instrn: Major/Prin (1)		Private Instrn: Major/Prin (1)
	Large Ensemble Elective <sup>3</sup> (1)		Large Ensemble Elective <sup>3</sup> (1)
	<b>Total Credits: 18</b>		<b>Total Credits: 19</b>

#### Second Year

Ph 200	Themes in Western Thought (3)	Bi 209	NT Literature & Interpretation (3)
MT 205	Theory III (4)	MT 206	Theory IV (4)
MT 301	Elements of Conducting (2)	MT 303	Instrumental Conducting (2)
Ed 201	Theories of Teaching & Learning (3)	Ed 323	Introduction to Exceptional Learners (3)
	Instrument Class Elective <sup>2</sup> (1)		English or Writing Elective (3)
	Large Ensemble Elective <sup>3</sup> (1)		Instrument Class Elective <sup>2</sup> (1)
	Private Instrn: Major/Prin (1)		Large Ensemble Elective <sup>3</sup> (1)
	<b>Total Credits: 15</b>		Private Instrn: Major/Prin (1)
			<b>Total Credits: 18</b>

**Instrument Class Elective<sup>2</sup> (5)**

- ME 211 Violin/Viola Class (1)
- ME 212 Cello/Bass Class (1)
- ME 213 Clarinet Class (1)
- ME 214 Flute Class (1)
- ME 215 Cornet Class (1)
- ME 216 Trombone Class (1)
- ME 217 Percussion Methods Class (1)
- ME 312 Double Reed Class (1)
- ME 313 Saxophone Class (1)
- ME 314 Euphonium/Tuba Class (1)
- ME 315 Horn Class (1)

**Private Instruction for the Major/Principal (8)****Large Ensemble Electives<sup>2</sup>(7)**

- Ed 180 Introduction to Music Education (2)
- Ed 201 Theories of Teaching & Learning (3)
- Ed 323 Introduction to Exceptional Learners (3)
- Ed 325 Development: Birth to Adolescence (3)
- Ed 385 Elementary School Music (3)
- Ed 386 Teaching Second Instrumental Music (3)
- Ed 499 Clinical Practice (9)
- Content Area Reading & Writing Elective<sup>4</sup> (3)**
  - Ed 348 Content Area Reading & Writing for High School Teachers (3)
  - Ed 359 Content Area Reading & Writing for Early Childhood School Teachers (3)
  - Ed 367 Content Area Reading & Writing for Elementary School Teachers (3)
  - Ed 378 Content Area Reading & Writing for Middle School Teachers (3)

**BJU Core: 49 credits**

- Bi 205 Old Testament Literature & Interpretation (3)
- Bi 209 New Testament Literature & Interpretation (3)
- Th 350 Bible Doctrines (3)
- Th 360 Bible Doctrines (3)
- Th 499 Apologetics & Worldview (3)
- En 102 Composition & Rhetoric (3)
- En 103 Composition & Literature (3)
- English or Writing Elective (3)**
- Com 101 Fundamentals of Speech (3)
- Com 330 Classroom Communication (3)
- Uni 101 Pathways (3)
- Hi 101 The Making of the Modern World (3)
- SSE 200 Foundations of Economics (3)
- Sc 200 Essential Science (3)
- Ed 381 Introduction to Technology in Music Education (2)
- Ph 200 Themes in Western Thought (3)
- Mu 507 Music & The Creative Image-Bearer (2)

**Third Year**

- |  |  |
|--|--|
| Th 350 Bible Doctrines (3)                       | Sc 200 Essential Science (3)                   |
| Mu 303 History of Music: Antiquity–Baroque (3)   | Th 360 Bible Doctrines (3)                     |
| ME 301 Voice Methods for Choral Directors (2)    | Mu 305 History of Music: Classical–Contemp (3) |
| Ed 325 Development: Birth to Adolescence (3)     | Ed 381 Intro to Technology in Music Ed (2)     |
| Ed 386 Teaching Secondary Instrumental Music (3) | Ed 385 Elementary School Music (3)             |
| Instrument Class Elective <sup>2</sup> (1)       | Instrument Class Elective <sup>2</sup> (1)     |
| Private Instrn: Major/Prin (1)                   | Private Instrn: Major/Prin (1)                 |
| Large Ensemble Elective <sup>3</sup> (1)         | Large Ensemble Elective <sup>3</sup> (1)       |
| <b>Total Credits: 17</b>                         | <b>Total Credits: 17</b>                       |

**Fourth Year**

- |  |  |
|--|--|
| SSE 200 Foundations of Economics (3)         | Ed 499 Clinical Practice (9)                     |
| Th 499 Apologetics & Worldview (3)           | Content Area Reading & Writings <sup>4</sup> (3) |
| Mu 507 Music & The Creative Image-Bearer (2) | <b>Total Credits: 12</b>                         |
| MT 504 Orchestration (2)                     |  |
| Com 330 Classroom Communication (3)          |  |
| Instrument Class Elective <sup>2</sup> (1)   |  |
| Private Instrn: Major/Prin (1)               |  |
| Large Ensemble Elective <sup>3</sup> (1)     |  |
| <b>Total Credits: 17</b>                     |  |

<sup>1</sup> Non-keyboard principals must elect piano until the secondary piano examination is passed. Students who pass the secondary piano examination prior to the second semester must replace these credits with music electives.

<sup>2</sup> ME 211 Violin/Viola Class, ME 212 Cello/Bass Class, ME 213 Clarinet Class, ME 214 Flute Class, ME 215 Cornet Class, ME 216 Trombone Class, ME 217 Percussion Methods Class, ME 312 Double Reed Class, ME 313 Saxophone Class, ME 314 Euphonium/Tuba Class or ME 315 Horn Class

<sup>3</sup> Ens 100 University Singers, Ens 101 Collegiate Choir, Ens 102 Lyric Choir, Ens 103 Men's Glee, Ens 104 Concert Choir, Ens 105 Chorale, Ens 106 Chamber Singers, Ens 110 Concert Band, Ens 111 Symphonic Wind Band, End 112 String Orchestra or Ens 113 University Symphony Orchestra

<sup>4</sup> Ed 348 Content Area Reading & Writing for HS Teachers, Ed 359 Content Area Reading & Writing for Early Childhood School Teachers, Ed 367 Content Area Reading & Writing for ES Teachers or Ed 378 Content Area Reading & Writing for MS Teachers

- Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.
- Music Education candidacy will be determined by the student passing a platform test in his or her applied principal near the midpoint of his or her program.

# DIVISION OF COMMUNICATION



**Mariam H. Mendoza, EdD**  
*Chair*

The Division of Communication of the School of Fine Arts and Communication includes the Departments of Cinema, Communication Studies, Theatre, and Journalism and Mass Communication.

Minors are offered in each department. Courses in the division and various departments are offered for students to fulfill the general degree requirements in speech. Courses are also available as general electives.

## PURPOSE

As part of the School of Fine Arts and Communication, the Division of Communication trains students at a professional level for careers in the communication fields including Theatre, Cinema, Journalism and Mass Communication, and Communication. Additionally, the division provides all university students with a broad-based understanding of communication processes and applications in the church and society.

## GOALS

The student will ...

- Formulate a distinctly Christian critique of communication within the greater context of a biblical worldview.
- Display competence in oral, written or visual communication skills.
- Analyze and solve problems within the respective disciplines of his or her communication field.
- Incorporate the concepts, principles, and creative and technical skills that underlie their individual disciplines within the Division of Communication.
- Apply their knowledge in professional experience through capstone projects, internship and practicum opportunities similar to potential work environments.

## TEACHING EMPHASIS

Students majoring in the Division of Communication who desire to teach communication, theatre or public address on the secondary education level should take the following courses in lieu of an academic minor: Ed 100, Ed 201, Ed 200, Ed 322, Com 330 and Com 407. This teaching emphasis does not lead to teaching licensure but does prepare the student to teach speech-related subjects in the Christian school or other pedagogical venues.

# Department of Communication Studies

Paul T. Radford, PhD

*Department Head*

The Department offers a major and minor in Communication. Courses are available as general electives. Internships are available to qualified students.

## Certificate in Business Communication (12 credits)

En 102	Composition & Rhetoric (3)
Com 101	Fundamentals of Speech (3)
Com 324	Business Writing (3)
Com 410	Oral Communication for the Professions (3)

## CERTIFICATE IN BUSINESS COMMUNICATION

The Certificate in Business Communication provides students and professionals with tools and training to be able to communicate persuasively and critically in the workplace. The certificate focuses on written, interpersonal and presentational communication skills through a curriculum that combines current theories of organizational communication and persuasion with best practices in presentational speaking and business writing. Students will learn principles of effective communication as they develop the speaking and writing skills necessary for clear, persuasive and ethical messaging in business and professional contexts. A grade-point average of 3.0 or higher is required in these courses.

### SKILLS

The student will . . .

- Compose effective written business communications, including proposals, memos, letters and reports.
- Prepare and deliver effective professional presentations in business and organizational contexts, including motivational speaking, collaboration in work teams and strategic messaging.

## COMMUNICATION MINOR

The Communication minor provides broad exposure to a wide variety of skills and knowledge related to communication practices within organizational settings, corporations, churches and educational institutions. The minor promotes effectiveness and cooperation through focused communication.

A minor in Communication consists of Com 202 Principles of Communication (3), Com 303 Organizational Communication (3), and 12 credits from Com 201 Public Speaking (3), Com 302 Interpersonal Communication (3), Com 303 Organizational Communication (3), Com 304 Theories & Research in Communication (3), Com 405 Persuasion, Com 407 Argumentation & Debate (3), Com 423 Special Topics in Communication (3), Com 430 Social Media Strategy (3), Com 505 Communication Training & Development (3), Com 507 Conflict Management (3), Com 520 Intercultural Communication (3), Com 521 Nonverbal Communication (3), Com 524 Special Topics in Communication (3), Com 525 Special Topics in Communication (3) or Com 526 Special Topics in Communication (3).

## Bachelor of Arts, **Communication**

**Paul T. Radford, PhD**  
*Program Coordinator*

Communication Program Summary	
Major .....	36
BJU Core .....	63
Electives.....	21
<b>Total (minimum).....</b>	<b>120</b>

The Communication major trains students at a professional level by focusing on the dynamics of the communication process. The program fosters a learning environment that prepares students intellectually, practically and spiritually to pursue graduate work in communication or related fields, and to meet the communication demands of a career in a profit or non-profit organization. The 36 credits of required courses emphasize communication principles and theories, communication in specific contexts, and the development of communication skills. A senior internship or capstone project is required for all majors.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Analyze human communication from a biblical perspective.
- Apply multiple theories of human communication to communication problems.
- Apply principles of oral communication in public, organizational or interpersonal settings.



## DEGREE COURSES

### Major: 36 credits

Com 202	Principles of Communication (3)
Com 300	Media & Society (3)
Com 302	Interpersonal Communication (3)
Com 303	Organizational Communication (3)
Com 304	Theories & Research in Communication (3)
Com 401	Communication Internship (3)
Com 405	Persuasion (3)
Com 505	Communication Training & Development (3)
<i>Communication Electives (300/500-level)<sup>2</sup> (12)</i>	

### BJU Core: 63 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 201	Public Speaking (3)
<i>World Language (12)</i>	
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

21 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bi 205	OT Literature & Interpretation (3)
FA 125	Christianity & the Arts (3)	Math/Computer or Science Elective (3)	
Com 101	Fundamentals of Speech (3)	Electives or Minor (3)	
Com 202	Principles of Communication (3)	<b>Total Credits: 12</b>	
<b>Total Credits: 15</b>			

### Second Year

Bi 209	NT Literature & Interpretation (3)	Hi 101	The Making of the Modern World (3)
Com 201	Public Speaking (3)	Ph 200	Themes in Western Thought (3)
Com 300	Media & Society (3)	Com 303	Organizational Communication (3)
Com 302	Interpersonal Communication (3)	English or Writing Elective (3)	
World Language (3)		World Language (3)	
Electives or Minor (3)		<b>Total Credits: 15</b>	
<b>Total Credits: 18</b>			

### Third Year

Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
Com 304	Theories & Research in Communication (3)	Com 405	Persuasion (3)
Communication Elective (300/500-level) <sup>2</sup> (3)		Communication Elective (300/500-level) <sup>2</sup> (3)	
World Language (3)		World Language (3)	
Electives or Minor (3)		Electives or Minor (3)	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Fourth Year

SSE 200	Foundations of Economics (3)	Sc 200	Essential Science (3)
Th 499	Apologetics & Worldview (3)	Com 401	Communication Internship (3)
Com 505	Communication Training & Development (3)	Communication Elective (300/500-level) <sup>2</sup> (3)	
Communication Elective (300/500-level) <sup>2</sup> (3)		Electives or Minor (6)	
Electives or Minor (3)		<b>Total Credits: 15</b>	
<b>Total Credits: 15</b>			

<sup>2</sup> Com 314 Leadership & Communication, Com 321 Public Relations Writing, Com 407 Argumentation & Debate, Com 423 Special Topics in Communication, Com 425 Cases in Public Relations, Com 430 Social Media Strategy, Com 507 Conflict Management, Com 520 Intercultural Communication, Com 521 Nonverbal Communication, Com 524 Special Topics in Communication, Com 525 Special Topics in Communication or Com 526 Special Topics in Communication

- Communication candidacy will be determined by a faculty committee's evaluation of the student's progress near the midpoint of his or her program.
- Recommended minors: Business, Journalism and Mass Communication, Political Science, Professional Writing

# Department of Journalism & Mass Communication

**Blake A. Spence, EdD**

*Department Head*

The Department offers a major in Journalism and Mass Communication, as well as minors in Journalism and Mass Communication and in Professional Writing. Courses are also offered for students who desire additional study in journalism, mass communication, professional writing or public relations. Courses are also available as general electives.

Internships are available to qualified students at media outlets and at organizations performing public relations functions.

## PROFESSIONAL WRITING MINOR

The Professional Writing minor provides instruction primarily in nonjournalistic writing for students who wish to broaden their general competence in written communication.

A minor in Professional Writing consists of Com 211 Expository Writing (3) and Com 323 Critical Writing (3), either Com 222 Fundamentals of Technical Writing (3) or Com 324 Business Writing (3), and nine credits from Com 206 Fundamentals of Publishing (3), Com 306 Copy Editing (3), Com 308 Writing for Digital Advertising (3), Com 310 Magazine Writing (3) or Com 422 Opinion Writing (3).

## JOURNALISM & MASS COMMUNICATION MINOR

The Journalism and Mass Communication minor provides instruction for students who wish to develop their general competence in communicating messages for the print, electronic and online media.

A minor in Journalism and Mass Communication consists of Com 200 Fundamentals of Broadcasting (3), Com 204 Principles of Journalism (3), Com 211 Expository Writing (3), and nine credits from Com 215 Introduction to Public Relations (3), Com 300 Media & Society (3), Com 301 Audio Equipment Operation (3), Com 302 Interpersonal Communication (3), Com 305 Oral Communication for the Media (3), Com 306 Copy Editing (3), Com 307 Video Equipment Operation (3), Com 308 Writing for Electronic Media (3), Com 309 News Writing (3), Com 310 Magazine Writing (3), Com 422 Opinion Writing (3), Com 430 Social Media Strategy (3), Com 431 Special Topics in JMC (3), Com 432 Special Topics in JMC (3), Com 507 Conflict Management (3), or Com 520 Intercultural Communication (3).



Bachelor of Arts, **Journalism & Mass Communication**

**Blake A. Spence, EdD**  
*Program Coordinator*

<b>Journalism &amp; Mass Communication Program Summary</b>	
Major .....	37
BJU Core .....	63
Electives .....	20
<b>Total (minimum).....</b>	<b>120</b>

As part of the Division of Communication, the Department of Journalism and Mass Communication prepares aspiring media professionals to communicate effectively in their work and ministry.

Along with instruction in foundational theoretical concepts, the program emphasizes practical application and experience in the following skill sets: writing, use of communications-related technology, journalistic principles and public relations functions. Students have the opportunity to participate on the staff of the campus radio and TV stations (WBJU) and on the staff of the student newspaper (The Collegian). They also have the opportunity to qualify for internships at media outlets and at organizations performing public relations functions. This program requires 37 credits in the major.

**PROGRAM LEARNING OUTCOMES**

- The student will ...
- Articulate a philosophy of mass media that reflects a biblical worldview.
  - Write clearly and correctly, using the format(s) appropriate to the context of the media message.
  - Employ technologies essential to the media profession.
  - Gather, evaluate and disseminate information in a variety of media environments.



## DEGREE COURSES

### Major: 37 credits

Com 200	Fundamentals of Broadcasting (3)
Com 202	Principles of Communication (3)
Com 204	Principles of Journalism (3)
Com 215	Introduction to Public Relations (3)
Com 300	Media & Society (3)
Com 303	Organizational Communication (3)
Com 305	Oral Communication for the Media (3)

Com 441	Journalism & Mass Communication Capstone (1)
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Com 451	Journalism & Mass Communication Internship (3)
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#### Writing & Reporting Elective<sup>1</sup> (3)

- Com 318 Writing & Reporting for Print (3)
- Com 319 Writing & Reporting for Broadcast (3)

#### Journalism & Mass Communication Electives (300/500-level)<sup>2</sup> (9)

### BJU Core: 63 credits

Bi 205	Old Testament Literature & Interpretation (3)
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Bi 209	New Testament Literature & Interpretation (3)
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Th 350	Bible Doctrines (3)
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Th 360	Bible Doctrines (3)
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Th 499	Apologetics & Worldview (3)
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En 102	Composition & Rhetoric (3)
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En 103	Composition & Literature (3)
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Com 211	Expository Writing (3)
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Com 101	Fundamentals of Speech (3)
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Com 410	Oral Communication for the Professions (3)
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#### World Language (12)

Uni 101	Pathways (3)
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Hi 101	The Making of the Modern World (3)
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SSE 200	Foundations of Economics (3)
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Sc 200	Essential Science (3)
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#### Math/Computer or Science Elective (3)

Ph 200	Themes in Western Thought (3)
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FA 125	Christianity & the Arts (3)
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### Electives:

20 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)
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En 102	Composition & Rhetoric (3)
--------	----------------------------

Bi 205	OT Literature & Interpretation (3)
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Com 200	Fundamentals of Broadcasting (3) World Language (3)
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**Total Credits: 15**

En 103	Composition & Literature (3)
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Com 101	Fundamentals of Speech (3)
---------	----------------------------

Com 204	Principles of Journalism (3)
---------	------------------------------

Com 215	Introduction to Public Relations (3) World Language (3)
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**Total Credits: 15**

### Second Year

Bi 209	NT Literature & Interpretation (3)
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Com 211	Expository Writing (3)
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World Language (3)

Electives or Minor (6)

**Total Credits: 15**

Hi 101	The Making of the Modern World (3)
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FA 125	Christianity & the Arts (3)
--------	-----------------------------

Com 202	Principles of Communication (3)
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World Language (3)

JMC Elective (300/500-level)<sup>2</sup> (3)

**Total Credits: 15**

### Third Year

Th 350	Bible Doctrines (3)
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Ph 200	Themes in Western Thought (3)
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Com 300	Media & Society (3)
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Math/Computer or Science Elective (3)

Writing & Reporting Elective (3)

**Total Credits: 15**

Sc 200	Essential Science (3)
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Th 360	Bible Doctrines (3)
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Com 303	Organizational Communication (3)
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Com 305	Oral Communication for the Media (3)
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JMC Elective (300/500-level)<sup>2</sup> (3)

**Total Credits: 15**

### Fourth Year

Th 499	Apologetics & Worldview (3)
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Com 410	Oral Comm for the Professions (3)
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Com 451	JMC Internship (3)
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JMC Elective (300/500-level)<sup>2</sup> (3)

Electives or Minor (3)

**Total Credits: 15**

SSE 200	Foundations of Economics (3)
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Com 441	JMC Capstone (1)
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Electives or Minor (11)

**Total Credits: 15**

<sup>1</sup> Com 318 Writing & Reporting for Print or Com 319 Writing & Reporting for Broadcast

<sup>2</sup> Com 301 Audio Equipment Operation, Com 302 Interpersonal Communication, Com 306 Copy Editing, Com 307 Video Equipment Operation, Com 308 Writing for Electronic Media, Com 310 Magazine Writing, Com 311 Audio Production, Com 317 Video & TV Studio Production, Com 321 Public Relations Writing, Com 422 Opinion Writing, Com 425 Cases in Public Relations, Com 426 Media Law & Ethics, Com 430 Social Media Strategy, Com 431 Special Topics in Journalism & Mass Communication, Com 432 Special Topics in Journalism & Mass Communication, Com 436 Media Relations, Com 507 Conflict Management or Com 520 Intercultural Communication

· Journalism and Mass Communication candidacy will be determined by a faculty committee's evaluation of the student's progress near the midpoint of his or her program.

· Recommended minors: Business, English, Political Science

# Department of Cinema

**Sharyn J. Robertson, MFA**

*Department Head*

The Department offers majors in Cinema Production and Media Technology and a minor in Cinema. Courses are also available as general electives. Internships are available to qualified students and are assigned by the department head.

## Associate of Science, **Media Technology**

**Sharyn J. Robertson, MFA**  
Program Coordinator

### Media Technology Program Summary

Major .....	30
BJU Core .....	27
Electives .....	3
<b>Total (minimum).....</b>	<b>60</b>

### DEGREE COURSES

#### Major: 30 credits

GrD 130	Introduction to Graphic Design (3)
Com 200	Fundamentals of Broadcasting (3)
Com 301	Audio Equipment Operation (3)
Ci 111	Introduction to Cinematic Arts (3)
Ci 201	Editing & Sound for Digital Media (3)
Ci 202	Cinematography & Field Production (3)
Ci 204	Sound Design (3)
Pho 100	Photography I (3)
Pho 200	Photography II (3)
<i>Media Technology Elective<sup>1</sup> (3)</i>	
· Ci 301	Cinematography & Lighting (3)
· Ci 304	Advanced Editing (3)
· Ci 316	Motion Graphic Design & Digital Effects (3)

#### BJU Core: 27 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
En 102	Composition & Rhetoric (3)
<i>English Composition (3)</i>	
Com 101	Fundamentals of Speech (3)
Uni 101	Pathways (3)
<i>Mathematics or Science Elective (3)</i>	
SSE 200	Foundations of Economics (3)
FA 125	Christianity & the Arts (3)

#### Electives: 3 credits

Associate of Science degree in Media Technology students complete interdisciplinary coursework in equipment and software operation, image and audio capture, as well as design, manipulation and editing. These experiences prepare them to serve in video, cinema, audio, design, and broadcast production environments. The program supports the university's goal to build Christlike character to be exemplified in the traditional and emerging media industries. Students completing the Associate Degree in Media Technology may apply to continue toward the Bachelor of Science degree in Cinema Production; the Bachelor of Arts degree in Journalism and Mass Communication; or the Bachelor of Science degree in Visual Studies.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Utilize best practices in the operation of media equipment and software for visual and audio content.
- Apply professional standards of design and execution for traditional and new media.
- Analyze and implement principles of managing media production environments.

### SUGGESTED SCHEDULE

#### First Year

Uni 101	Pathways (3)	En 102	Composition & Rhetoric (3)
Bi 205	OT Literature & Interpretation (3)	FA 125	Christianity & the Arts (3)
Com 200	Fundamentals of Broadcasting (3)	Pho 100	Photography I (3)
Ci 111	Introduction to Cinematic Arts (3)	Com 301	Audio Equipment Operation (3)
	English Composition (3)	Ci 202	Cinematography & Field Production (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

#### Second Year

Bi 209	NT Literature & Interpretation (3)	SSE 200	Foundations of Economics (3)
GrD 130	Introduction to Graphic Design (3)	Pho 200	Photography II (3)
Ci 201	Editing & Sound for Digital Media (3)	Com 101	Fundamentals of Speech (3)
	Mathematics or Science Elective (3)	Ci 204	Sound Design (3)
	Electives (3)		Media Technology Elective <sup>1</sup> (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

<sup>1</sup> Ci 301 Cinematography & Lighting, Ci 304 Advanced Editing or Ci 316 Motion Graphic Design & Digital Effects

# CINEMA MINOR

The Cinema minor provides instruction for students who want to develop their general competency in storytelling, visual literacy and digital production. The minor promotes teamwork, communication and problem-solving skills.

A minor in Cinema consists of Ci 111 Introduction to the Cinematic Arts (3), Ci 201 Editing & Sound for Digital Media (3), Ci 202 Cinematography & Field Production (3) and nine credits if electives with a Ci prefix.

## Bachelor of Science, **Cinema Production**

**Sharyn J. Robertson, MFA**  
*Program Coordinator*

<b>Cinema Production Program Summary</b>	
Major .....	36
BJU Core .....	51
Electives .....	33
<b>Total (minimum).....</b>	<b>120</b>

As part of the Division of Communication, the Department of Cinema strives to produce Christlike character and professional excellence in our students as they learn the art, the craft and the Christian responsibility of the cinematic arts in order to produce their own cinematic work. Teaching the artistic, technical and storytelling aspects of filmmaking begins in the classroom and is enhanced through hands-on instruction while working alongside Christian professionals in the field.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Articulate a biblical worldview in the art of filmmaking.
- Produce his or her own quality cinematic productions.
- Tell stories using the cinematic medium.
- Participate in various cinematic productions in and out of the classroom setting.

## DEGREE COURSES

### Major: 36 credits

Ci 100	Cinema Lab <sup>1</sup> (0)
Ci 201	Editing & Sound for Digital Media (3)
Ci 202	Cinematography & Field Production (3)
Ci 204	Sound Design (3)
Ci 301	Cinematography & Lighting (3)
Ci 304	Advanced Editing (3)
Ci 312	Documentary Production Seminar (3)
Ci 316	Motion Graphic Design & Digital Effects (3)
Ci 378	Aesthetics of Cinematic Arts (2)
Ci 405	Screenwriting (3)
Ci 417	Cinema Directing (3)
Ci 479	Production Seminar (2)
Ci 480	Advanced Production Seminar (2)
	<i>Cinema Elective (300/400-level) (3)</i>

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	<i>English or Writing Elective (3)</i>
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
	<i>Math/Computer or Science Elective (3)</i>
Ph 200	Themes in Western Thought (3)
Ci 111	Introduction to Visual Storytelling (3)

### Electives:

33 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Com 101	Fundamentals of Speech (3)
Bi 205	OT Literature & Interpretation (3)	Ci 202	Cinematography & Field Production (3)
Ci 111	Introduction to Visual Storytelling (3)		<i>Math/Computer or Science Elective (3)</i>
	<i>Electives or Minor (3)</i>		<i>Electives or Minor (3)</i>
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Second Year

Bi 209	NT Literature & Interpretation (3)	Hi 101	The Making of the Modern World (3)
Ph 200	Themes in Western Thought (3)	Ci 204	Sound Design (3)
Ci 201	Editing & Sound for Digital Media (3)	Ci 304	Advanced Editing (3)
Ci 301	Cinematography & Lighting (3)		<i>English or Writing Elective (3)</i>
	<i>Electives or Minor (3)</i>		<i>Electives or Minor (3)</i>
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Third Year

SSE 200	Foundations of Economics (3)	Sc 200	Essential Science (3)
Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
Ci 312	Documentary Production Seminar (3)	Ci 316	Motion Graphic Design/Digital Effects (3)
Ci 405	Screenwriting (3)	Ci 417	Cinema Directing (3)
	<i>Electives or Minor (3)</i>		<i>Cinema Elective (300/400-level) (3)</i>
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Fourth Year

Th 499	Apologetics & Worldview (3)	Com 410	Oral Comm for the Professions (3)
Ci 378	Aesthetics of Cinematic Arts (2)	Ci 480	Advanced Production Seminar (2)
Ci 479	Production Seminar (2)		<i>Electives or Minor (10)</i>
	<i>Electives or Minor (8)</i>		<b>Total Credits: 15</b>
	<b>Total Credits: 15</b>		

<sup>1</sup>All Cinema Production majors are required to register for Ci 100 Cinema Lab each semester.

- Cinema Production students will be required to purchase a portable external hard drive to store class work. Please check with the department for recommended models.
- Cinema Production candidacy will be determined by a faculty committee's evaluation of the student's progress and performance near the midpoint of his or her program.
- Recommended minors: Art, Business, Creative Writing, Journalism and Mass Communication, Photography.

# Department of Theatre

Erin L. Naler, PhD  
*Department Head*

The Department offers a major and minor in Theatre. Courses are also available as general electives.

## THEATRE MINOR

The Theatre minor provides instruction in acting, directing, playwriting and designing for the stage.

A minor in Theatre consists of 18 credits of the following courses: Thr 120 Stagecraft (3), Thr 208 Introduction to Acting (3), and Thr 303 Voice & Articulation (3), and three credits from either Thr 230 Theatre History & Literature to 18th Century (3) or Thr 240 Theatre History 19th & 20th Centuries (3), and three credits from either Thr 301 Scene Design (3), Thr 302 Lighting & Audio Design (3) or Thr 304 Costume Design (3) and three credits of electives with a Thr prefix.

## Bachelor of Arts, Theatre

Ronald H. Pyle, MA  
*Program Coordinator*

### Theatre Program Summary

Major .....	36
BJU Core .....	63
Electives .....	21
<b>Total (minimum).....</b>	<b>120</b>

The Theatre major supports the mission of the School of Fine Arts and Communication by providing a broad understanding of theatre including theory, history and analysis, as well as training in play production, playwriting, stage directing, performance and theatrical design. In addition to classroom instruction, the program strongly emphasizes participation in departmental production activity as well as ministry-oriented projects. It requires the production of creative projects to demonstrate proficiency in theatre. It may lead to graduate work in theatre or to opportunities to practice theatre in churches, schools or the local community. This program requires 36 credits in the major.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Analyze and assess historical conventions, theories and existing dramatic text.
- Create works of theatre within a collaborative environment.
- Recognize and articulate a biblical worldview as it applies to theatre.

## DEGREE COURSES

### Major: 36 credits

Thr 110	Theatre Practicum I: Introduction to Theatre (1)
Thr 208	Introduction to Acting (3)
Thr 240	Theatre History 19th & 20th Centuries (3)
Thr 300	Stage Directing (3)
Thr 301	Scene Design (3)
Thr 303	Voice & Articulation (3)
Thr 317	Play Writing (3)
Thr 320	Theatre Practicum II (1)
Thr 330	Theatre Practicum III: Theatre as Vocation (1)
Thr 420	Theatre Practicum IV (1)
Thr 430	Theatre Practicum V(1)
Thr 450	Theatre Capstone (1)
	<b>Lighting/Costume Design Elective<sup>1</sup> (3)</b>
· Thr 302	Lighting & Audio Design (3)
· Thr 304	Costume Design (3)
	<b>Theatre Electives (300/500-level) (9)</b>

### BJU Core: 63 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	<b>English or Writing Elective (3)</b>
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communication for the Professions (3)
	<b>World Language (12)</b>
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
	<b>Math/Computer or Science Elective (3)</b>
Ph 200	Themes in Western Thought (3)
Thr 230	Theatre History to 18th Century (3)

### Electives:

21 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Com 101	Fundamentals of Speech (3)
Bi 205	OT Literature & Interpretation (3)	Thr 240	Theatre History 19th & 20th Centuries (3)
Thr 110	Theatre Practicum I: Intro to Thtr (1)	Thr 303	Voice & Articulation (3)
Thr 208	Introduction to Acting (3)		Math/Computer or Science Elective (3)
Thr 230	Theatre History to 18th Century (3)		<b>Total Credits: 15</b>
	<b>Total Credits: 16</b>		

### Second Year

Bi 209	NT Literature & Interpretation (3)	Hi 101	The Making of the Modern World (3)
Thr 301	Scene Design (3)	SSE 200	Foundations of Economics (3)
Thr 320	Theatre Practicum II (1)	Ph 200	Themes in Western Thought (3)
	English or Writing Elective (3)	Thr 330	Theatre Practicum III: Thtr Vocation (1)
	World Language (3)		World Language (3)
	Electives or Minor (3)		Theatre Elective (300/500-level) (3)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

### Third Year

Th 350	Bible Doctrines (3)	Sc 200	Essential Science (3)
Thr 317	Play Writing (3)	Th 360	Bible Doctrines (3)
Thr 420	Theatre Practicum IV (1)	Thr 300	Stage Directing (3)
	World Language (3)	Thr 430	Theatre Practicum V (1)
	Lighting/Costume Design Elective <sup>1</sup> (3)		World Language (3)
	Theatre Elective (300/500-level) (3)		<b>Total Credits: 13</b>
	<b>Total Credits: 16</b>		

### Fourth Year

Com 410	Oral Comm for the Professions (3)	Th 499	Apologetics & Worldview (3)
	Theatre Elective (300/500-level) (3)	Thr 450	Theatre Capstone (1)
	Electives or Minor (7)		Electives or Minor (11)
	<b>Total Credits: 13</b>		<b>Total Credits: 15</b>

<sup>1</sup> Thr 302 Lighting & Audio Design or Thr 304 Costume Design

- Theatre candidacy will be determined by a faculty committee's evaluation of the student's coursework portfolio and performance near the midpoint of his or her program.
- Recommended minors: Art, English, Journalism and Mass Communication, Music, Professional Writing

# COURSES

## FINE ARTS

### FA 125 Christianity & the Arts (3 credits)

An examination of the aesthetic and ethical nature of the arts and their relevance to everyday life. Emphasis on applying a biblical framework for evaluating and interacting with the

arts in contemporary culture while affirming the objective nature of Beauty, Truth and Goodness. Guest performances, lectures, readings, and attendance at recitals, art shows and other performances will provide students with opportunities to apply and synthesize course material.

*Both semesters, Online.*

## DIVISION OF ART & DESIGN

## DEPARTMENT OF ART

### Ar 100 Introduction to Careers in the Visual Arts (2 credits)

Creating original works of art and design in a variety of EDUcamp workshops, students discover potential career pathways in the visual arts. For the final week, students are paired with the instructor who is most able to provide personal development in the student's choice of media and techniques. Course includes instruction, collaboration, and critique, culminating in a portfolio evaluation by faculty.  
*Summer.*

### Ar 121 Drawing & Structural Representation I (3 credits)

Studio training in drawing and graphic representation of three-dimensional forms: a concentrated study of perspective followed by experience with proportions and form description with light and shade. *Both semesters.*

### Ar 122 Drawing & Structural Representation II (3 credits)

Continuation of Drawing and Structural Representation I and advanced development of the powers of observation for drawing in a natural and creative way. Introduction to various techniques, such as pencil, charcoal, pen and ink, and wash rendering; figure sketching of the costumed model.

*Prerequisite: Ar 121. Both semesters.*

### Ar 125 Figure & Anatomy Drawing (3 credits)

Traditional drawing of the clothed human form with emphasis upon skeletal structure, muscles and movement in its application to illustration. *Prerequisite: Ar 121.*

*Both semesters.*



**Ar 130** Foundations of Art & Design (3 credits)

Introduction to aesthetic theories, principles and elements of composition, and a survey of media for the student of visual arts, fine art and design major or art-makers. Attention will be given to developing sound biblical attitudes toward art evaluation and production. Both semesters, Online.

**Ar 201** Foundations: Design Theory (3 credits)

The underlying principles basic to all forms of visual organization. Experiments to develop an imaginative concept of the visual vocabulary of line, shape, texture and space. *Prerequisite: Ar 130. First semester.*

**Ar 202** Foundations: Color Theory (3 credits)

A continuation of the development of the visual vocabulary and color theory applying the basic art principles in creative design projects. *Prerequisite: Ar 201. Second semester.*

**Ar 204** Oil & Acrylic Painting (3 credits)

Drawing and painting. Representation of still-life objects, the study of composition, light and shadow relationships, and the rendering of texture and form. *Prerequisite: Ar 122 or Ar 125. Both semesters.*

**Ar 205** Water-based Media Painting (3 credits)

Introduction to water-based media including but not limited to watercolor, gouache, acrylic, and ink. *Prerequisite: Ar 122. Second semester.*

**Ar 206** Digital Drawing & Painting I (3 credits)

Introduction to digital drawing and painting as it pertains to fine art and illustration. *Prerequisite: Ar 122.*

**Ar 207** 3D Foundations (3 credits)

Study of three-dimensional form and structure in space. Use of clay to model and manipulate mass relationships. Wire, wood and paper used to construct contours in space and experiment with simple engineering principles. Some study of texture and surface decoration. *Prerequisite: Ar 121. Second semester.*

**Ar 208** Digital Drawing & Painting II (3 credits)

Advanced exploration of digital drawing and painting as it pertains to fine art, illustration, and other applications. *Prerequisite: Ar 206.*

**Ar 220** Ceramics I (3 credits)

Throwing basic forms on the potter's wheel and exploring basic techniques of hand building with an emphasis on form. Students will assist in loading the firing kilns and mixing clay and glazes. *Both semesters.*

**Ar 221** Ceramics II (3 credits)

Continuation in the study of form, technique, and design with a focus on individual style. Students will have opportunities to mix test glazes, load and fire reduction, oxidation and Raku kilns. *Prerequisite: Ar 220. Both semesters.*

**Ar 232** Fiber Arts (3 credits)

Introduction to fibers techniques such as stitching, applique, felting, printing on fabric and weaving. Development of concept through fiber arts materials and techniques. *Prerequisite: Ar 121, Ar 130, Ar 202. Second semester.*

**Ar 308** Hand-Lettering for Illustrators (3 credits)

Study of typographic fundamentals relating to contemporary illustrative practice. Students will research, design, and execute a variety of studio projects in multiple media. Emphasis on manual methods with appropriate digital manipulation. *Second semester.*

**Ar 310** History of Art: Prehistoric to Renaissance (3 credits)

Survey of art history from prehistoric to the Renaissance. Special emphasis is given to the art in the context of the culture in which it was made. *First semester.*

**Ar 311** History of Art: High Renaissance to Contemporary (3 credits)

Survey of art history from the High Renaissance to contemporary. Special emphasis is given to the art in the context of the culture in which it was made. *Second semester.*

**Ar 315** Intermediate Painting (3 credits)

Upper-level projects in portrait and the costumed figure and advanced projects in pictorial structure and composition. *Prerequisite: Ar 204. Both semesters.*

**Ar 320** Book Arts (3 credits)

An introduction to hand bookbinding techniques with emphasis on the balance of form and content. Exploration of the book medium as a vehicle for making traditional books, as well as its potential as a sculptural and visual art form. *Prerequisite: Ar 130 and Ar 202. First semester.*

**Ar 331** Illustration I (3 credits)

A study of basic black and white media techniques in editorial and advertising illustration with an emphasis on communicating ideas. Recognition of historical and contemporary illustrators and their place in the field of art. *Prerequisite: Ar 202 and Ar 122 or Ar 125. First semester.*

**Ar 332** Illustration II (3 credits)

A study of basic color media techniques in editorial and advertising illustration with an emphasis on communicating ideas. Recognition of historical and contemporary illustrators and their place in the field of art. *Prerequisite: Ar 331. Second semester.*

**Ar 333** Fashion Illustration (3 credits)

Sketching the idealized fashion figure. Creation of fashion plates with apparel details, fashion silhouettes, and fabric rendering to communicate the concepts of original apparel design. Incorporates sketching, drawing, and technical skills in both monochromatic and color media to develop flat specification illustration skills. *Prerequisite: Ar 121 and Ar 202. Both semesters.*

**Ar 341** Sculpture (3 credits)

The study of three-dimensional design with projects focusing primarily on the additive process and mold making. *Prerequisite: Ar 121 and Ar 207. Both semesters.*

**Ar 401** Directed Studies I (3 credits)

Directed advanced research in painting, sculpture or design. Enables the student to complete projects under the supervision of the Art faculty in preparation for the student's senior art exhibition. *Prerequisite: Ar 315 or Ar 341. Both semesters.*

**Ar 402** Directed Studies II (3 credits)

Directed advanced research in painting, sculpture, or design. Enables the student to complete projects under the supervision of the Art faculty in preparation for the student's senior art exhibition. *Prerequisite: Ar 401. Both semesters.*

**Ar 405** Printmaking: Lithography & Serigraphy (3 credits)

Drawings executed on lithographic stones and plates are printed in color and/or black and white. Silk screen prints are produced using various water-based methods. *Prerequisite: Ar 202 and Ar 122 or Ar 125. First semester.*

**Ar 406** Printmaking: Intaglio & Relief (3 credits)

Collagraphs, etchings, aquatints, photoengraving, linocut and woodcuts are printed in colors and black and white. *Prerequisite: Ar 202 and Ar 122 or Ar 125. Second semester.*

**Ar 407** Advanced Printmaking (3 credits)

Pursuit and development of printing techniques of specific interest to the individual artist. *Prerequisite: Ar 405 and Ar 406. Both semesters.*

**Ar 410** Professional Practices in Studio Art (3 credits)

This course examines practical applications pertinent to the studio artist including professional studio practices, studio safety, professional presentation, art ministry, private art lessons, gallery issues, art competitions and organizations. The course assists students in transitioning to a successful career as a studio artist. *Prerequisite: Ar 401. Second semester.*

**Ar 426** Studio Internship (3 credits)

Evaluated work experience in local galleries or businesses. Students are placed commensurate with their skills. *Both semesters, Summer.*

**Ar 440** 3D Studio Instruction (3 credits)

Individualized studio instruction in the student-selected media and techniques which most advance their personal artistic goals and skills. Continued research into three-dimensional media and techniques. Students are paired with the instructor who is most able to provide instruction in the selected media and techniques. Includes group critique and discussion each week. *Both semesters.*

**Ar 441** 3D Studio Instruction (3 credits)

Individualized studio instruction in the student-selected media and techniques which most advance their personal artistic goals and skills. Personal development in selected media and techniques. Students are paired with the instructor who is most able to provide instruction in the selected media and techniques. Includes group critique and discussion each week. *Prerequisite: Ar 341 and Ar 440. Both semesters.*

**Ar 442** 3D Studio Instruction (3 credits)

Intermediate individualized studio instruction in the student-selected media and techniques which most advance their personal artistic goals and skills. Personal development in selected media and techniques. Students are paired with the instructor who is most able to provide instruction in the selected media and techniques. Includes group critique and discussion each week. *Prerequisite: Ar 441. Both semesters.*

**Ar 443** 3D Studio Instruction (3 credits)

Advanced individualized studio instruction in the student-selected media and techniques which most advance their personal artistic goals and skills with particular attention to completing a body of work for exhibition. Students are paired with the instructor who is most able to provide instruction in the selected media and techniques. Includes group critique and discussion each week. *Prerequisite: Ar 442. Both semesters.*

**Ar 444** 3D Studio Instruction (3 credits)

Advanced individualized studio instruction in the student-selected media and techniques which most advance their personal artistic goals and skills with particular attention to completing a body of work for exhibition. Students are paired with the instructor who is most able to provide instruction in the selected media and techniques. Includes group critique and discussion each week. *Prerequisite: Ar 443. Both semesters.*

**Ar 499** Study Abroad (3 credits)

Combination of travel and lectures in influential historic locations. Visits and discussions related to artist, architects and movements in the development of art through the ages.

## DEPARTMENT OF DESIGN

### FASHION DESIGN

#### **FD 130** Apparel Construction I (3 credits)

Basic methods of construction using hand and machine sewing techniques. Commercial patterns used in the construction of a variety of garments. *Both semesters.*

#### **FD 131** Apparel Construction II (3 credits)

Application of professional sewing techniques and detail work to the construction of garments using commercial patterns. *Prerequisite: FD 130. Both semesters.*

#### **FD 220** Business of Fashion (3 credits)

Overview of the development of the fashion industry along with current issues facing the industry. The concepts and principles involved in planning, designing, adopting, sourcing and manufacturing a line are introduced. Fashion merchandising careers are explored. *First semester.*

#### **FD 235** Apparel Design I (3 credits)

Garment design techniques using a basic sloper. Dart manipulation, garment styling and principles of fit are applied to half-scale design and construction. *First semester.*

#### **FD 240** History of Apparel (3 credits)

Historical survey of dress from ancient Egypt to modern times. Style, appearance and design details studied as influenced by changes in history. *First semester.*

#### **FD 330** Apparel Construction III (3 credits)

Couture techniques applied to lined suit construction. Advanced skills include welt pockets, bound buttonholes and underlying structure in a tailored garment. *Prerequisite: FD 131. First semester.*

#### **FD 335** Apparel Design II (3 credits)

Advanced study of garment design and fit. Independent design and construction of garments. *Prerequisite: FD 235. Second semester.*

#### **FD 340** Textiles for the Consumer (3 credits)

Examination of fibers, weaves, finishes and manufacturing processes of the textile industry. Practical application of fabric names, uses and care. *Second semester.*

#### **FD 342** Digital Fashion (3 credits)

Basic overview of Gerber Patternmaking software. Adobe Illustrator and Photoshop are utilized to render fashion illustrations and create garment flat sketches. *Second semester.*

#### **FD 350** Fashion Studio I (3 credits)

Development of a fashion collection including fashion illustrations, flat sketches and sample construction work. Emphasis on building professional portfolio. *Prerequisites: FD 342. First semester.*

#### **FD 420** Fashion Studio II (3 credits)

Design and construction of garments from individual fashion collection. Emphasis on portfolio development and career preparation. *Prerequisite: FD 350. Second semester.*

#### **FD 430** Fashion Design Internship (3 credits)

Field work experience in a Fashion Design professional workplace. Faculty approval required. *Both semesters, Summer.*

#### **FD 435** Apparel Design III (3 credits)

Principles and practices of stretch patternmaking through the development of slopers for knit fabrics. Construction techniques for knitwear applied to design projects. *Prerequisite: FD 335. Second semester.*

## GRAPHIC DESIGN

#### **GrD 130** Introduction to Graphic Design (3 credits)

An introduction to the profession and practice of graphic design for students of all backgrounds. Learn essential design principles, process, and practice while gaining technical skills through a variety of visual projects aimed at developing student's creative problem-solving skills. *Both semesters.*

#### **GrD 160** Fundamentals of Typography (3 credits)

Study of historical development, type styles, principles of typography and letterform construction. Through lectures and studio work, emphasis is placed on the principles of problem solving relating to the technical and aesthetic use of both display and text type. *Prerequisite: GrD 100. Second semester.*

#### **GrD 180** Visual Communication (3 credits)

Study and practice making meaningful and beautiful imagery from the variety of media, methods and styles used by designers to visualize ideas. Learn how these images communicate to different audiences and how they can impact behavior. *Prerequisite: GrD 130. Both semesters.*

#### **GrD 200** Expressive Typography (3 credits)

Students will seek to discover how audiences experience typographic design through exploration of the creative use of letterforms in visual communication. Emphasis will be placed on fusing mechanical and digital lettering in various aesthetic, business, and professional applications while interacting with established typographic principles. *Prerequisite: GrD 160 and GrD 180. First semester.*

**GrD 325** Web Design (3 credits)

Learn how to think about and build interactive user interfaces for the web using basic HTML, CSS and JavaScript. *Prerequisite: GrD 130. First semester.*

**GrD 326** Advanced Web Design (3 credits)

Learn how to design, test and prototype usable and attractive user interfaces for the web and apps. *Prerequisite: GrD 325. Second semester.*

**GrD 328** Publication Design (3 credits)

Through lectures, demonstrations, real-world simulation projects, and critiques, this course examines composing typographic space, format determination, sequencing and systemization, and emerging formats within publication design. Emphasis on the design and production process for catalogs, journals, magazines, and other serial forms of publication. *Prerequisite: GrD 200. Second semester.*

**GrD 330** Branding & Visual Identity (3 credits)

An in-depth study of the branding process, from research and strategic thinking to case studies, integrated brand communications, target audiences, and the collaborative design process. Students sharpen their ability to produce full-scale branding solutions through a diverse schedule of practical projects. *Prerequisite: GrD 328. First semester.*

**GrD 332** Advertising & Package Design (3 credits)

In-depth study of advertising for traditional and digital media through lectures, readings, and real-world project simulations. A survey of package design including objectives, materials sustainability, and fabrication with emphasis on prototyping product packages. *Prerequisite: GrD 330. Second semester.*

**GrD 360** History of Graphic Design (3 credits)

A survey of the development of graphic imagery, visual communications (including writing and typography), graphic design, printing, and digital media from antiquity through the Gutenberg era to the present age of electronic media. *First semester.*

**GrD 401** Advanced Design Study I (3 credits)

Guidance in preparation and presentation of a portfolio with creative resume. Portfolio review with evaluation of studio work required for graduation. *Prerequisite: GrD 326, GrD 322 and GrD 360. Both semesters.*

**GrD 402** Advanced Design Study II (3 credits)

This culminating studio course is taken in the final semester. Students further develop their competencies in order to produce a cohesive, multifaceted statement of their design ability which is publicly displayed in their senior exhibition. *Prerequisite: GrD 401. Both semesters.*

**GrD 410** Professional Practices (3 credits)

Seniors make final preparations for transitioning to careers in graphic design in this program capstone course. In addition to examining professional communication skills, networking strategies and job-seeking protocols, each student will produce a portfolio, resumé, and self-promotional that meets professional standards. *Prerequisite: GrD 322. Both semesters.*

**GrD 415** Graphic Design Internship (3 credits)

Evaluated work experience. Students will be placed in local business or industry for application of graphic design classroom skills with job responsibilities. *Prerequisite: GrD 322. Both semesters, Summer.*

## INTERIOR ARCHITECTURE & DESIGN

**IAD 101** Architectural Drawing & Design (3 credits)

The manual development of presentation drawings needed in the design and construction of new and existing buildings. Includes space planning in basic floor plans, space planning involved in furniture arrangement, elevation drawings, and an introduction to other types of drawings such as interior and exterior sections drawings. *First semester.*

**IAD 102** Introduction to Interior Architecture & Design (3 credits)

Professional and personal qualifications of the interior designer. Introduction to communication methods used to produce presentation boards for clients, with emphasis on space planning, elements and principles of art, special considerations in the design field, and an overview of art and accessories for the interior space. *Prerequisite: IAD 101. Both semesters.*

**IAD 201** Design Drawing & Presentation (3 credits)

Introduction to visual presentation strategies for interior designers. Coursework will include perspective sketching techniques, presentation materials and composition of presentations. Students will learn the technical skill sets of AutoCAD drafting software. *Prerequisite: IAD 101. First semester.*

**IAD 202** Computer-Aided Drafting (3 credits)

This course provides a foundational understanding of the AutoCAD environment and its implementation in the design development process. Emphasis is on the core AutoCAD functions utilized to complete a set of construction documents. *Prerequisite: IAD 101. First semester.*

**IAD 203** BIM & Graphics Technology [3 credits]

Foundations in Building Information Technology (BIM) and digital modeling software. Students will build on their AutoCAD skills and learn to create models using Revit Architecture rendering tools. *Prerequisite: IAD 202. Second semester.*

**IAD 250** Lighting Design [3 credits]

Addresses quality lighting and lighting techniques and fixtures from an interior design perspective. The focus is on providing functional and aesthetically pleasing environments for clients while working through the design process. *Prerequisite: IAD 202. Second semester.*

**IAD 220** Materials & Components of Interior Design [3 credits]

Exploration of the vast selection and specifications of construction and finish materials, as well as textiles for interior design. A house plan project with complete schedules of selected materials and components will be assigned. *Prerequisite: IAD 102. Second semester.*

**IAD 230** Building Systems & Codes [3 credits]

Designed to help the interior designer understand all of the issues inherent in the building of an energy-efficient, accessible, comfortable and safe building inside which human beings reside, play and work. It covers the broad categories of the building's environment, its structural systems, water supply, distribution and waste systems, thermal comfort, electrical and lighting systems, fire safety and acoustics. *Prerequisite: IAD 102. Second semester.*

**IAD 240** History of Architecture & Interior Design [3 credits]

This course covers the development of architectural styles and the accompanying furniture and furnishings throughout the world from the earliest civilizations to the present time. *First semester.*

**IAD 300** Residential Interior Design [3 credits]

A project-based course which addresses specific design considerations of every room in residential construction. Approached from a paying customer's viewpoint as he or she works with the student designer on a whole-house design concept. *Prerequisite: IAD 102, IAD 201, IAD 202. First semester.*

**IAD 310** Commercial Design I [3 credits]

A study of the many design issues related to planning commercial interior facilities, including offices, retail facilities and institutional facilities. Design projects will be assigned. *Prerequisite: IAD 102, IAD 201, IAD 203. First semester.*

**IAD 320** Commercial Design II [3 credits]

A continuing study of the many design issues related to planning commercial interior facilities, including hospitality and health

care facilities. Design projects will be assigned. *Prerequisite: IAD 310. Second semester.*

**IAD 340** Fundamentals of Project Management [3 credits]

An overview of the essential elements of project management, with an emphasis on collaborative project management. Students will learn to apply key principles to a modern construction management environment, and will create a Project Charter and Schedule for a sample project. The contract administration phase will be emphasized as students gain an understanding of the process involved in coordinating schedules with procurement, trades, the interior designer, contractor, architecture and other building consultants. *Prerequisite: IAD 201. Second semester.*

**IAD 400** Professional Practices [3 credits]

Designed to prepare interior design majors to become working interior designers. Deals with the business, legal and personal aspects of the interior design business. Also includes the design and creation of business cards and resumes, as well as a portfolio review. *Prerequisite: IAD 250. Second semester.*

**IAD 410** IAD Directed Studies [3 credits]

Directed, advanced research and development in either residential or commercial design. Senior IAD majors complete a capstone design project of their choice in an area of particular interest and aligned with their future goals under the direction of program faculty in preparation for the student's senior design exhibition. Focus of the project is on the comprehensive application of theory and skills, critical and creative problem solving in the programming, concept and design development and specifications for a complex design issue. Projects must demonstrate an effective solution for their chosen space as it relates to human factors, anthropometrics, building code, sustainability, ADA and materials performance. Students must successfully present their design in a professional media for their senior exhibition. *Prerequisite: IAD 250. First semester.*

**IAD 420** Interior Design Internship [3 credits]

Open only upon recommendation of the department chairman. Place of internship will determine specific design experiences in which students will participate. *Prerequisite: IAD 320. Both semesters, Summer.*

**IAD 430** Special Topics for the Built Environment [3 credits]

An in-depth study of special topics that affect the quality of a built environment and its setting for human activity. Topics include the concepts of universal and sustainable design as well as the application of ADA regulations and building codes that effect health, safety and well-being. Students will be challenged to explore creative, practical solutions for an advanced design problem. *Prerequisite: IAD 320. Second semester.*

## PHOTOGRAPHY

### Pho 100 Photography I (3 credits)

An introduction to photography fundamentals. Basic principles of photography will be taught with an emphasis on perceptual, technical and aesthetic skills. Regular photography assignments will be given. *Both semesters.*

### Pho 200 Photography II (3 credits)

A study into visual communication using the medium of digital photography. Emphasis on professional practices, as well as processing and enhancing digital files. Conceptually driven assignments will be given as well as instruction in building a portfolio of work. *Prerequisite: Pho 100 or art faculty approved advanced portfolio. Both semesters.*

### Pho 300 Photojournalism (3 credits)

A practicum-style course in photojournalistic photography that emphasizes documentary storytelling. Students sharpen technical and perceptual skills through weekly photojournalistic shoots and guided mentorship from a professional photographer. *Prerequisite: Pho 100 or Pho 200. Both semesters.*

### Pho 301 The Art of Photography (3 credits)

Exploration into the professional photographic image as personal artistic expression through hands-on fine art assignments including in-depth study of historic and contemporary photographic artists. An advanced practical study into intentional artistic involvement levels and elevated visuals. Students will create a complex conceptual body of work, with emphasis on professional printing and display practices. *Prerequisite: Pho 200. First semester.*

### Pho 310 Advanced Photographic Lighting (3 credits)

A study of the characteristics and qualities of photographic light, both natural and artificial, and how they can be manipulated and controlled to communicate an artistic vision. Student will receive instruction and complete assignments in a working professional photo studio. *Prerequisite: Pho 200. Both semesters.*

### Pho 401 Wedding Photography (3 credits)

A practicum-style course in wedding photography that emphasizes professional practices. Students learn the business of wedding photography and sharpen technical shooting and retouching skills through a guided mentorship. *Prerequisite: Pho 310. Both semesters.*

### Pho 402 Portrait Photography (3 credits)

An exploration into the art of modern photographic portraiture and professional retouching techniques. Emphasis on professional practices both in the studio and on location. Students will produce professional prints and participate in weekly group critique sessions. *Prerequisite: Pho 310. Second semester.*

### Pho 404 Commercial Tabletop Photography (3 credits)

A studio concentration on lighting techniques and compositional guidelines for commercial photography, including techniques for small product photography and retouching. Includes individual and group photographic assignments. *Prerequisite: Pho 310. First semester.*

### Pho 415 Photography Internship (3 credits)

Photography minors and Visual Studies majors will intern in professional photography businesses. *Both semesters, Summer.*

## DIVISION OF MUSIC

### ENSEMBLES

#### Ens 100 University Singers (1 credit)

Mixed choral ensemble devoted to performing a diverse selection of works. Open to all students and may be repeated. *Prerequisite: Choral Audition. Both semesters.*

#### Ens 101 Collegiate Choir (1 credit)

Mixed choral ensemble devoted to performing a diverse selection of works. Open to all students and may be repeated. *Prerequisite: Choral Audition. Both semesters.*

#### Ens 102 Lyric Choir (1 credit)

Women's choral ensemble devoted to performing a diverse selection of works. Open to all students and may be repeated. *Prerequisite: Choral Audition. Both semesters.*

#### Ens 103 Men's Glee (1 credit)

Men's choral ensemble devoted to performing a diverse selection of works. Open to all students and may be repeated. *Prerequisite: Choral Audition. Both semesters.*

**Ens 104** Concert Choir (1 credit)

Mixed choral ensemble devoted to performing a diverse selection of works. Open to all students and may be repeated. *Prerequisite: Choral Audition. Both semesters.*

**Ens 105** Chorale (1 credit)

Mixed choral ensemble devoted to performing a diverse selection of works. Open to all students and may be repeated. *Prerequisite: Choral Audition. Both semesters.*

**Ens 106** Chamber Singers (1 credit)

Mixed choral ensemble devoted to performing a diverse selection of works. *Prerequisite: Choral Audition. Both semesters.*

**Ens 110** Concert Band (1 credit)

Full symphonic wind band devoted to performing a diverse selection of works. Open to all students and may be repeated. *Prerequisite: Large Ensemble Audition. Both semesters.*

**Ens 111** Symphonic Wind Band (1 credit)

Full symphonic wind band devoted to performing a diverse selection of works. Open to all students and may be repeated. *Prerequisite: Large Ensemble Audition. Both semesters.*

**Ens 112** String Orchestra (1 credit)

String orchestra devoted to performing a diverse selection of works. Open to all students and may be repeated. *Prerequisite: Large Ensemble Audition. Both semesters.*

**Ens 113** University Symphony Orchestra (1 credit)

Full symphony orchestra devoted to performing a diverse selection of works. Open to all students and may be repeated. *Prerequisite: Large Ensemble Audition. Both semesters.*

**Ens 120** Brass Ensemble (.5 credit)

Performance of literature from all eras for this medium. Open to all students and may be repeated. *Prerequisite: Chamber Ensemble Audition. Both semesters.*

**Ens 121** Woodwind Ensemble (.5 credit)

Performance of literature from all eras for this medium. Open to all students and may be repeated. *Prerequisite: Chamber Ensemble Audition. Both semesters.*

**Ens 122** String Ensemble (.5 credit)

Performance of literature from all eras for this medium. Open to all students and may be repeated. *Prerequisite: Chamber Ensemble Audition. Both semesters.*

**Ens 123** Guitar Ensemble (.5 credit)

Performance of literature from all eras for this medium. Open to all students and may be repeated. *Prerequisite: Chamber Ensemble Audition. Both semesters.*

**Ens 124** Chamber Harp Ensemble (.5 credit)

Performance of literature from all eras for this medium. Open to all students and may be repeated. *Prerequisite: Chamber Ensemble Audition. Both semesters.*

**Ens 125** Handbell Choir (.5 credit)

Performance of literature from all eras for this medium. Open to all students and may be repeated. *Prerequisite: Chamber Ensemble Audition. Both semesters.*

**Ens 126** Percussion Ensemble (.5 credit)

Performance of literature from all eras for this medium. Open to all students and may be repeated. *Prerequisite: Chamber Ensemble Audition. Both semesters.*

**Ens 130** Opera/Musical Role Preparation (.5 credit)

Performance of literature from all eras for this medium. Open to all students and may be repeated. *Both semesters.*

**Ens 131** Opera/Musical Role Performance (1 credit)

Performance of literature from all eras for this medium. Open to all students and may be repeated. *Both semesters.*

**Ens 132** Opera/Musical Chorus (.5 credit)

Performance of literature from all eras for this medium. Open to all students and may be repeated. *Prerequisite: Voice Audition. Both semesters.*

**Ens 133** Chapel Ensemble (.5 credit)

Performance of literature from all eras for this medium. Open to all students and may be repeated. *Prerequisite: Voice Audition or Instrument Audition. Both semesters.*

**Ens 134** Outreach Ensemble (.5 credit)

Performance of literature from all eras for this medium. Open to all students and may be repeated. *Prerequisite: Voice Audition or Instrument Audition. Both semesters.*

**Ens 135** Collaborative Piano (.5 credit)

Collaborative work with vocal and/or instrumental students to accompany literature appropriate to the student's level. Open to all students and may be repeated. *Prerequisite: Piano Audition. Both semesters.*

## DEPARTMENT OF MUSIC HISTORY & LITERATURE

### **Mu 101** Introduction to Music Literature (3 credits)

A general survey of music literature leading to an understanding of the basic structures, forms and styles of music through examination of selected works from the major style periods, stressing listening, analysis and application of basic music theory. *Both semesters.*

### **Mu 301** Orchestral Repertoire (2 credits)

A survey of standard orchestral repertoire for the student's principal instrument, with emphasis on frequently requested audition excerpts.

### **Mu 303** History of Music: Antiquity to Baroque (3 credits)

A survey of the development of Western music beginning with ancient music through the Baroque period. Stylistic analysis of representative compositions from an aural and visual standpoint as well as music's relation to society and culture. *Prerequisite: MT 205 and Mu 101. First semester.*

### **Mu 305** History of Music: Classical to Contemporary (3 credits)

A continuing survey of the development of Western music beginning with the Classical through Contemporary musical styles. Stylistic analysis of representative compositions from an aural and visual standpoint as well as music's relation to society and culture. *Prerequisite: MT 205 and Mu 101. Second semester.*

### **Mu 306** Entrepreneurial Musician Seminar & Internship (3 credits)

Seminar focused on developing mindset and skills for music-related entrepreneurial ventures. Core principles of entrepreneurship including creativity and innovation, opportunity recognition, market research, branding and promotion for the 21st century economy. Integrated internship with area arts organizations to provide experiential learning in current workforce, economy and ministry models. *Both semesters.*

### **Mu 400** Percussion Literature Survey (3 credits)

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles for performers and pedagogues. *Prerequisite: MT 206.*

### **Mu 401** String Literature Survey (3 credits)

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles for performers and pedagogues. *Prerequisite: MT 206.*

### **Mu 402** Woodwind Literature Survey (3 credits)

An introduction to representative solo and chamber literature, stressing the acquiring of a broad knowledge of standard repertoire and styles for performers and pedagogues. *Prerequisite: MT 206.*

### **Mu 403** Harp Literature Survey (3 credits)

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles for performers and pedagogues. *Prerequisite: MT 206.*

### **Mu 404** Voice Literature Survey (3 credits)

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles for performers and pedagogues. *Prerequisite: MT 206. Second semester.*

### **Mu 405** Piano Literature Survey (3 credits)

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles for performers and pedagogues. *Prerequisite: MT 206.*

### **Mu 406** Organ Literature Survey (3 credits)

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles for performers and pedagogues. *Prerequisite: MT 206.*

### **Mu 407** Brass Literature Survey (3 credits)

An introduction to representative solo literature, student etudes and reference works for each brass instrument for performers and pedagogues. *Prerequisite: MT 206.*

### **Mu 499** Study Abroad: Music (3 credits)

An on-location study tour designed to enrich understanding of the human experience as it relates to culture and the arts; providing a background for the appreciation of music through direct contact with European culture. Course activities include attending major musical productions and festivals, visiting historically significant musical sites, and experiencing authentic concert performances in local venues.

### **Mu 507** Music & the Creative Image-Bearer (2 credits)

Readings in philosophy, ethnomusicology and musicianship to cultivate the expansion of musical values through the lens of a biblically informed understanding of creativity and aesthetics. *Both semesters.*



## DEPARTMENT OF MUSIC THEORY & TECHNOLOGY

### MUSIC TECHNOLOGY

**MTc 201** Introduction to Music Technology (2 credits)  
An overview of the musician's use of technology, including general computer and internet awareness, productivity software, MIDI sequencing, basic digital audio recording and editing, notation software and computer-assisted instruction. Applications include Microsoft Office Suite, Audacity, Logic and Finale. *Prerequisite: MT 106 and Mu 101. Both semesters.*

**MTc 202** Notation in Music Technology (2 credits)  
Fundamentals of music typesetting including an overview of standard notation programs for the computer, with an emphasis on Finale. *Prerequisite: MTc 201. First semester.*

**MTc 501** Studio Production Techniques (2 credits)  
Advanced Musical Instrument Digital Interface (MIDI) sequencing techniques and an introduction to digital audio editing and production in Logic and Pro Tools environments. *Identical to ME 501. Prerequisite: MTc 201.*

### MUSIC THEORY

**MT 099** Introduction to Music Theory (0 credit)  
Intensified review of music fundamentals: key signatures, scales, intervals, triads and inversions. Also includes fundamental aural skills. *Online.*

**MT 105** Theory I (3 credits)  
Accelerated review of music fundamentals. Introduction to tonality, including part-writing, voice leading, cadences and in-depth discussion of tonic and dominant functions. Includes analysis, writing and listening. *Corequisite: MT 107. First semester.*

**MT 106** Theory II (3 credits)  
Continued study of tonality from harmonic and linear perspectives, including pre-dominant functions, the phrase model and common diatonic harmonic functions. Introduction to non-chord tones, phrase-level form, harmonic sequences and chromaticism (applied dominants and tonicization). Includes analysis, writing and listening. *Corequisite: MT 108. Second semester.*

**MT 107** Practical Musicianship I (1 credit)  
The development of practical musicianship skills in sight-singing and ear training. Includes melodic, rhythmic and harmonic dictation. *Corequisite: MT 105. First semester.*

**MT 108** Practical Musicianship II (1 credit)  
The continued development of practical musicianship skills in sight-singing and ear training. Includes melodic, rhythmic and harmonic dictation. *Corequisite: MT 106. Second semester.*

**MT 205** Theory III (4 credits)  
Continued study of tonality from harmonic and linear perspectives, tracing chromaticism from basic modulations through advanced chromaticism of the 19th century, tonal ambiguity and the twilight of tonality. Includes discussion of major tonal forms. Integrated approach includes analysis, writing, sight-singing and dictation. *Lecture and lab. Prerequisite: MT 106. First semester.*

**MT 291** Private Composition for the Non-Major (1 credit)  
*May be repeated. Prerequisite: Composition Audition, Both semesters.*

**MT 206** Theory IV (4 credits)  
Introduction to post-tonal music theory. Emphasis on analytical techniques, including basic terms and operations of set theory. Integrated approach includes analysis, writing, sight-singing, listening and dictation. *Lecture and lab. Prerequisite: MT 205. Second semester.*

**MT 301** Elements of Conducting (2 credits)  
Introduction to basic choral and instrumental conducting. Development of hand independence and baton technique through extensive in-class conducting. *Prerequisite: MT 106. Both semesters.*

**MT 302** Choral Conducting (2 credits)  
Development of conducting techniques necessary to interpret choral literature from five style periods. Includes score analysis, rehearsal technique and extensive in-class conducting. *Lecture and lab. Prerequisite: MT 301. Second semester.*

**MT 303** Instrumental Conducting (2 credits)  
Instrumental conducting and score-reading techniques and rehearsal procedures. Acquainting the student with instrumental repertoire and practical experience in conducting compositions for small ensembles, band and orchestra. *Prerequisite: MT 206 and MT 301. Second semester.*

**MT 409** Form & Analysis (2 credits)  
Application of terms, concepts and perspectives from Theory I-IV toward insightful, higher-level analysis and theorizing about music. Synthesis of formal analysis, stylistic/critical analysis and other analytical approaches. *Prerequisite: MT 206. Second semester.*

**MT 491–492** Private Instruction for the Composition Major/  
Principal (1–2 credits)

*May be repeated. Prerequisite: Composition Audition. Both semesters.*

**MT 501** Eighteenth-Century Counterpoint (2 credits)  
Analysis of contrapuntal writings of the outstanding composers of the 18th century. Writing of counterpoint in two voices. Concentration on the chorale prelude, two-part invention and fugue. *Prerequisite: MT 206. Both semesters.*

**MT 502** Choral Composition (2 credits)  
Foundational elements of writing choral music. Listening, reading, singing and analysis of model compositions. Applicable readings and exercises. *Prerequisite: MT 206. First semester.*

**MT 504** Orchestration (2 credits)  
Band and orchestral instruments, their ranges, technical and sonorous advantages and limitations, transpositions and place in the score. Extensive practice in arranging technique. *Prerequisite: MT 206. First semester.*

**MT 507** Basic Composition (2 credits)  
Foundational elements of composition. Exploration of various facets of creativity and craft. Listening, singing and analysis of model compositions. Applicable readings and composition exercises. *Prerequisite: MT 205. Second semester.*

## DEPARTMENT OF CHURCH MUSIC

**CM 101** Basic Keyboard Playing in Church Ministry I (1 credit)  
Introductory group instruction for playing simple congregational songs on a keyboard; includes some simple improvisation. *Prerequisite: Keyboard Playing in Church Ministry Audition. Both semesters.*

**CM 102** Basic Keyboard Playing in Church Ministry II (1 credit)  
Introductory group instruction for playing simple congregational songs on a keyboard; includes some simple improvisation. *Prerequisite: CM 101. Both semesters.*

**CM 103** Intermediate Keyboard Playing in Church Ministry I (1 credit)  
Group instruction for playing congregational songs on a keyboard for both hymnals and lead sheets; includes chord usage and advancing improvisational techniques. *Prerequisite: Keyboard Playing in Church Ministry Audition. Both semesters.*

**CM 104** Intermediate Keyboard Playing in Church Ministry II (1 credit)  
Group instruction for playing congregational songs on a keyboard for both hymnals and lead sheets; includes chord

usage and advancing improvisational techniques. *Prerequisite: CM 103. Both semesters.*

**CM 200** Church Music Leadership I (3 credits)  
A practical introduction to the biblical basis for using music in the ministries of a local church. Addresses the qualifications, responsibilities and relationships of church music leaders. Presents congregational singing as the essential, foundational component of the church music ministry and explores organizational strategies and resources for leading church music. *First semester.*

**CM 201** Church Music Leadership II (3 credits)  
A practical introduction to organizational strategies, methods and resources for leading children's choirs, adult choirs and instrumental music in a church ministry context. *Prerequisite: CM 200. Second semester.*

**CM 202** Leading Congregational Songs (3 credits)  
Instruction for using traditional conducting patterns as to lead congregational singing, including application to small ensemble or team.

**CM 203** Song Writing for the Church Musician (1 credit)  
A practical introduction to writing congregational medodies, their accompanying harmonic structure, musical form and the role of lyrics. *Prerequisite: MT 105. Second semester.*

**CM 291** Keyboard Playing Church Ministry (1 credit)  
Private instruction for playing keyboards in church ministry -congregational songs, preludes and solo arrangements; used both hymnals and lead sheets; includes chord usage, transpositions, modulations and more advanced improvisational techniques. *May be repeated. Prerequisite: Keyboard Playing in Church Ministry Audition. Both semesters.*

**CM 340** Music Team Internship (6 credits)  
Practical application of music ministry in a structured internship on a BJU ministry team. Open only to students who travel on an official BJU ministry team.

**CM 341** Music Team Internship (3 credits)  
Practical application of music ministry in a structured internship on a BJU ministry team. *Open only to students who travel on an official BJU ministry team.*

**CM 491** Church Music Internship I (1 credit)  
Guided experience in leading various aspects of church ministry that synthesize music and the elements of Christian worship. *Prerequisite: MT 301, CM 200 and CM 201 or CM 202. First semester.*

**CM 492** Church Music Internship II (1 credit)  
Guided experience in leading various aspects of church

ministry that synthesize music and the elements of Christian worship. *Prerequisite: CM 491. Second semester.*

**CM 503** History of Congregational Song (3 credits)

A survey of the development and history of congregational song in gathered Christian worship; addresses both psalmody and hymnody, authors and texts, composers and tunes, hymnals and their compilers. *First semester.*

## DEPARTMENT OF VOCAL STUDIES

**Vo 099** Voice Performance Class (0 credit)

Performance opportunities, masterclasses, special lectures for undergraduate majors, principals, minors and non-majors.

*Both semesters.*

**Vo 101–104** Voice Class (1 credit)

These classes are arranged according to demand. Material studied will be adapted to the student's individual needs.

*Prerequisite: Voice Audition. Both semesters.*

**Vo 291** Private Voice Instruction for the Non-Major (1 credit)

*May be repeated. Prerequisite: Voice Audition. Corequisite: Vo 099. Both semesters.*

**Vo 391** Private Instruction for the Voice Minor (1 credit)

*May be repeated. Prerequisite: Voice Audition. Corequisite: Vo 099. Both semesters.*

**Vo 400** Voice Pedagogy (3 credits)

Materials, methods and procedures used in the teaching of the basic principles of vocal production as applied to the individual and to groups. Posture breathing, tone, diction and phrasing.

**Vo 401** Voice Pedagogy Internship (1 credit)

A practicum of observation and supervised teaching of class voice and private lessons. Focus on the practicality of teaching private and group voice, addressing the question, "how do I teach?" Emphasis on procedures and methods used to teach healthy vocal production. *Prerequisite: Vo 400.*

**Vo 491–493** Private Instruction for the Voice Major/Principal (1–3 credits)

*May be repeated. Prerequisite: Voice Audition. Corequisite: Vo 099. Both semesters.*

**Vo 503** Opera Workshop I (2 credits)

A vocal drama workshop developing the singer's ability to communicate the dramatic content inherent in all vocal music. Use of overtly dramatic material such as opera arias, ensembles, and scenes, and including dramatization of appropriate secular and sacred solo literature. *First semester.*

**Vo 504** Opera Workshop II (2 credits)

A continuation of the vocal drama workshop developing the singer's ability to communicate the dramatic content inherent in all vocal music. Use of overtly dramatic material such as opera arias, ensembles and scenes, and including dramatization of appropriate secular and sacred solo literature. *Prerequisite: Vo 503. First semester.*

**Vo 506** Diction for Singers (3 credits)

The fundamentals of French, German, Italian and Church Latin diction and their application in the pronunciation of song texts from the standard vocal repertoire.

## DEPARTMENT OF KEYBOARD STUDIES

### ORGAN

**Or 099** Organ Performance Class (0 credit)

Performance opportunities, masterclasses, special lectures for undergraduate majors, principals, minors and non-majors.

*Both semesters.*

**Or 291** Private Organ Instruction for the Non-Major (1 credit)

*May be repeated. Prerequisite: Organ Audition. Corequisite: Or 099. Both semesters.*

**Or 391** Private Instruction for the Organ Minor (1 credit)

*May be repeated. Prerequisite: Organ Audition. Corequisite: Or 099. Both semesters.*

**Or 400** Organ Pedagogy (2 credits)

General principles of teaching organ (methods, materials, techniques), basic repertoire, as well as music terminology and pipe organ maintenance. Directed teaching under the supervision of an instructor.

**Or 491–493** Private Instruction for the Organ Major/  
Principal (1–3 credit)

*May be repeated. Prerequisite: Organ Audition. Corequisite: Or 099. Both semesters.*

**Or 501** Service Playing (2 credits)

Sight-reading of hymns; transposition; figured bass; improvisation; modulation; solo, anthem and congregational accompaniment; practical experience.

## PIANO

**Pi 101–104** Piano Classes for the Non-Major (1 credit)  
These classes are arranged according to demand. Material studied will be adapted to the student's individual needs.  
*Prerequisite: Piano Audition. Both semesters.*

**Pi 197** Piano Classes for Voice & Orchestral Instrument Majors or Principals (1 credit)  
For music majors preparing for the secondary proficiency examination in piano. *Prerequisite: Piano Audition. First semester.*

**Pi 198** Piano Classes for Voice & Orchestral Instrument Majors or Principals (1 credit)  
For music majors preparing for the secondary proficiency examination in piano. *Prerequisite: Pi 197. Second semester.*

**Pi 291** Private Piano Instruction for the Non-Major (1 credit)  
*May be repeated. Prerequisite: Piano Audition. Both semesters.*

**Pi 391** Private Instruction for the Piano Minor (1 credit)  
*May be repeated. Prerequisite: Piano Audition. Both semesters.*

**Pi 491–493** Private Instruction for the Piano Major/Principal (1–3 credits)  
*May be repeated. Prerequisite: Piano Audition. Corequisite: Pi 099. Both semesters.*

## PIANO PEDAGOGY

**PPd 201** Graded Piano Literature & Pedagogy (3 credits)  
Analysis of elementary through intermediate piano literature and current method series. *Prerequisite: MT 106. First semester.*

**PPd 301** Piano Intern Instruction I (1 credit)  
Observation of master teachers and teaching of piano students in group and private settings under faculty guidance. *Prerequisite: PPD 201. First semester.*

**PPd 302** Piano Intern Instruction II (1 credit)  
Observation of master teachers and teaching of piano students in group and private settings under faculty guidance. *Prerequisite: PPD 301. Second semester.*

**PPd 303** Piano Pedagogy for the Private Instructor (3 credits)  
Principles of good piano teaching as they apply to the private lesson. A survey of approaches to teaching keyboard, learning theory and application of that theory in practical setting, performance practice, business procedures for a successful

studio and effective studio policies. *Prerequisite: MT 106. First semester.*

**PPd 304** Piano Pedagogy for the Group Instructor (2 credits)  
Principles of group piano instruction. A survey of contemporary methods and practical experience in the electronic piano laboratory. *Prerequisite: MT 106. Second semester.*

**PPd 401** Piano Intern Instruction III (2 credits)  
Observation of master teachers and teaching of piano students in group and private settings under faculty guidance. *Prerequisite: PPD 302. First semester.*

**PPd 402** Piano Intern Instruction IV (2 credits)  
Observation of master teachers and teaching of piano students in group and private settings under faculty guidance. *Prerequisite: PPD 401. Second semester.*

## DEPARTMENT OF INSTRUMENTAL STUDIES

### BASSOON

**Bsn 291** Bassoon Instruction for the Non-Major (1 credit)  
*May be repeated. Prerequisite: Bassoon Audition. Both semesters.*

**Bsn 391** Private Instruction for the Bassoon Minor (1 credit)  
*May be repeated. Prerequisite: Bassoon Audition. Both semesters.*

**Bsn 491–493** Private Instruction for the Bassoon Major/Principal (1–3 credits)  
*May be repeated. Prerequisite: Bassoon audition. Both semesters.*

### BRASS PEDAGOGY

**Br 400** Brass Pedagogy (2 credits)  
Materials, methods and teaching techniques for private and group instruction. Practical experience through private study on all brasses and supervised teaching and observation on the precollege level.

### CELLO

**Cel 101** Cello Class (1 credit)  
These classes are arranged according to demand. Material studied will be adapted to the student's individual needs. *Prerequisite: Cello Audition. Both semesters.*

**Cel 291** Cello Instruction for the Non-Major (1 credit)  
*May be repeated. Prerequisite: Cello Audition. Both semesters.*

**Cel 391** Private Instruction for the Cello Minor (1 credit)  
*May be repeated. Prerequisite: Cello Audition. Both semesters.*

**Cel 491–493** Private Instruction for the Cello Major/Principal (1–3 credits)  
*May be repeated. Prerequisite: Cello audition. Both semesters.*

## CLARINET

**Cl 291** Clarinet Instruction for the Non-Major (1 credit)  
*May be repeated. Prerequisite: Clarinet Audition. Both semesters.*

**Cl 391** Private Instruction for the Clarinet Minor (1 credit)  
*May be repeated. Prerequisite: Clarinet Audition. Both semesters.*

**Cl 491–493** Private Instruction for the Clarinet Major/Principal (1–3 credits)  
*May be repeated. Prerequisite: Clarinet audition. Both semesters.*

## DOUBLE BASS

**StB 291** Double Bass Instruction for the Non-Major (1 credit)  
*May be repeated. Prerequisite: Double Bass Audition. Both semesters.*

**StB 391** Private Instruction for the Double Bass Minor (1 credit)  
*May be repeated. Prerequisite: Double Bass Audition. Both semesters.*

**StB 491–493** Private Instruction for the Double Bass Major/Principal (1–3 credits)  
*May be repeated. Prerequisite: Double Bass audition. Both semesters.*

## EUPHONIUM

**Eu 291** Euphonium Instruction for the Non-Major (1 credit)  
*May be repeated. Prerequisite: Euphonium Audition. Both semesters.*

**Eu 391** Private Instruction for the Euphonium Minor (1 credit)  
*May be repeated. Prerequisite: Euphonium Audition. Both semesters.*

**Eu 491–493** Private Instruction for the Euphonium Major/Principal (1–3 credits)  
*May be repeated. Prerequisite: Euphonium Audition. Both semesters.*

## FLUTE

**Fl 101** Beginning Flute Class (1 credit)  
These classes are arranged according to demand. Material studied will be adapted to the student's individual needs.  
*Prerequisite: Flute Audition.*

**Fl 291** Flute Instruction for the Non-Major (1 credit)  
*May be repeated. Prerequisite: Flute Audition. Both semesters.*

**Fl 391** Private Instruction for the Flute Minor (1 credit)  
*May be repeated. Prerequisite: Flute Audition. Both semesters.*

**Fl 491–493** Private Instruction for the Flute Major/Principal (1–3 credits)  
*May be repeated. Prerequisite: Flute Audition. Both semesters.*

## GUITAR

**Gtr 291** Private Guitar Instruction for the Non-Major (1 credit)  
*May be repeated. Prerequisite: Guitar Audition. Both semesters.*

**Gtr 391** Private Instruction for the Guitar Minor (1 credit)  
*May be repeated. Prerequisite: Guitar Audition. Both semesters.*

**Gtr 491–493** Private Instruction for the Guitar Major/Principal (1–3 credits)  
*May be repeated. Prerequisite: Guitar Audition. Both semesters.*

## HARP

**Hrp 291** Harp Instruction for the Non-Major (1 credit)  
*May be repeated. Prerequisite: Harp Audition. Both semesters.*

**Hrp 391** Private Instruction for the Harp Minor (1 credit)  
*May be repeated. Prerequisite: Harp Audition. Both semesters.*

**Hrp 401** Harp Pedagogy (2 credits)  
General principles of teaching harp (methods, materials, techniques), basic repertoire, as well as music terminology and harp maintenance.

**Hrp 491–493** Private Instruction for the Harp Major/Principal (1–3 credits)

*May be repeated. Prerequisite: Harp Audition. Both semesters.*

## HORN

**Hn 291** Horn Instruction for the Non-Major (1 credit)

*May be repeated. Prerequisite: Horn Audition. Both semesters.*

**Hn 391** Private Instruction for the Horn Minor (1 credit)

*May be repeated. Prerequisite: Horn Audition. Both semesters.*

**Hn 491–493** Private Instruction for the Horn Major/Principal (1–3 credits)

*May be repeated. Prerequisite: Horn Audition. Both semesters.*

## OBOE

**Ob 291** Oboe Instruction for the Non-Major (1 credit)

*May be repeated. Prerequisite: Oboe Audition. Both semesters.*

**Ob 391** Private Instruction for the Oboe Minor (1 credit)

*May be repeated. Prerequisite: Oboe Audition. Both semesters.*

**Ob 491–493** Private Instruction for the Oboe Major/Principal (1–3 credits)

*May be repeated. Prerequisite: Oboe Audition. Both semesters.*

## PERCUSSION

**Per 291** Percussion Instruction for the Non-Major (1 credit)

*May be repeated. Prerequisite: Percussion Audition. Both semesters.*

**Per 391** Private Instruction for the Percussion Minor (1 credit)

*May be repeated. Prerequisite: Percussion Audition. Both semesters.*

**Per 401** Percussion Pedagogy (2 credits)

Materials, methods and teaching techniques for private and group instruction. Practical experience through private study on all percussion instruments and supervised teaching and observation on the precollege level.

**Per 491–493** Private Instruction for the Percussion Major/Principal (1–3 credits)

*May be repeated. Prerequisite: Percussion Audition. Both semesters.*

## SAXOPHONE

**Sax 291** Saxophone Instruction for the Non-Major (1 credit)

*May be repeated. Prerequisite: Saxophone Audition. Both semesters.*

**Sax 391** Private Instruction for the Saxophone Minor (1 credit)

*May be repeated. Prerequisite: Saxophone Audition. Both semesters.*

**Sax 491–493** Private Instruction for the Saxophone Major/Principal (1–3 credits)

*May be repeated. Prerequisite: Saxophone Audition. Both semesters.*

## STRING PEDAGOGY

**SPd 403** String Pedagogy I (2 credits)

A survey of practical approaches of string teaching of beginning to early intermediate level students. Pedagogical principles of proper posture and hold, hand positioning, fundament bowings, foundational shifting skills and vibrato will be studied as well as appropriate literature and etude books. In-class teaching demonstration assignments and observation will be required as a means to develop critical thinking and problem solving skills when teaching. *Prerequisite: MT 206.*

**SPd 404** String Pedagogy II (2 credits)

A continuation of practical approaches of string teaching of intermediate to advanced level students. Complex bowing techniques and left-hand skills required for standard intermediate and advanced etudes and literature will be studied. In addition, students will examine means to injury prevention and wellness, as well as instrument assessment and repair. Observation of private string teaching required. *Prerequisite: SPd 403.*

## TROMBONE

**Tbn 291** Trombone Instruction for the Non-Major (1 credit)

*May be repeated. Prerequisite: Trombone Audition. Both semesters.*

**Tbn 391** Private Instruction for the Trombone Minor (1 credit)

*May be repeated. Prerequisite: Trombone Audition. Both semesters.*

**Tbn 491–493** Private Instruction for the Trombone Major/Principal (1–3 credits)

*May be repeated. Prerequisite: Trombone Audition. Both semesters.*

## TRUMPET

**Tr 291** Trumpet/Cornet Instruction for the Non-Major (1 credit)

*May be repeated. Prerequisite: Trumpet or Cornet Audition. Both semesters.*

**Tr 391** Private Instruction for the Trumpet/Cornet Minor (1 credit)

*May be repeated. Prerequisite: Trumpet or Cornet Audition. Both semesters.*

**Tr 491-493** Private Instruction for the Trumpet/Cornet Major/Principal (1-3 credits)

*May be repeated. Prerequisite: Trumpet or Cornet Audition. Both semesters.*

## TUBA

**Tu 291** Tuba Instruction for the Non-Major (1 credit)

*May be repeated. Prerequisite: Tuba Audition. Both semesters.*

**Tu 391** Private Instruction for the Tuba Minor (1 credit)

*May be repeated. Prerequisite: Tuba Audition. Both semesters.*

**Tu 491-493** Private Instruction for the Tuba Major/Principal (1-3 credits)

*May be repeated. Prerequisite: Tuba Audition. Both semesters.*

## VIOLA

**Vla 291** Viola Instruction for the Non-Major (1 credit)

*May be repeated. Prerequisite: Viola Audition. Both semesters.*

**Vla 391** Private Instruction for the Viola Minor (1 credit)

*May be repeated. Prerequisite: Viola Audition. Both semesters.*

**Vla 491-493** Private Instruction for the Viola Major/Principal (1-3 credits)

*May be repeated. Prerequisite: Viola Audition. Both semesters.*

## VIOLIN

**Vi 101-104** Violin/Viola Class (1 credit)

These classes are arranged according to demand. Material studied will be adapted to the student's individual needs.

*Prerequisite: Violin Audition. Both semesters.*

**Vi 291** Violin Instruction for the Non-Major (1 credit)

*May be repeated. Prerequisite: Violin Audition. Both semesters.*

**Vi 391** Private Instruction for the Violin Minor (1 credit)

*May be repeated. Prerequisite: Violin Audition. Both semesters.*

**Vi 491-493** Private Instruction for the Violin Major/Principal (1-3 credits)

*May be repeated. Prerequisite: Violin Audition. Both semesters.*

## WOODWIND PEDAGOGY

**WW 401** Woodwind Pedagogy I (2 credits)

In-depth study of materials, methods, and techniques used in teaching woodwind instruments on beginning, intermediate and advanced levels. Directed teaching under supervision of an instructor.

**WW 402** Woodwind Pedagogy II (2 credits)

A continuation of the study of materials, methods and techniques used in teaching woodwind instruments on beginning, intermediate and advanced levels. Directed teaching under the supervision of an instructor.

*Prerequisite: WW 401.*

## DEPARTMENT OF MUSIC EDUCATION

**ME 211** Violin/Viola Class (1 credit)

An introduction to each instrument with emphasis on practical playing experience. Materials and techniques for elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Corequisite: ME 391.*

*Second semester.*

**ME 212** Cello/Bass Class (1 credit)

An introduction to each instrument with emphasis on practical playing experience. Materials and techniques for elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Corequisite: ME 391.*

*Second semester.*

**ME 213** Clarinet Class (1 credit)

An introduction to the instrument with emphasis on practical playing experience. Materials and techniques for elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Corequisite: ME 392.*

*First semester.*

**ME 214** Flute Class (1 credit)

An introduction to the instrument with emphasis on practical playing experience. Materials and techniques for elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Corequisite: ME 392.*

*First semester.*

**ME 215** Cornet Class (1 credit)

An introduction to the instrument with emphasis on practical playing experience. Materials and techniques for elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Corequisite: ME 392.*

*First semester.*

**ME 216** Trombone Class (1 credit)

An introduction to the instrument with emphasis on practical playing experience. Materials and techniques for elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Corequisite: ME 392.*

*First semester.*

**ME 217** Percussion Methods Class (1 credit)

An introduction to each instrument with emphasis on practical playing experience. Materials and techniques for elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Corequisite: ME 392.*

*Both semesters.*

**ME 219** Guitar Class (1 credit)

The fundamentals of guitar playing techniques useful in music classes; reading tablature notation, accompanying singing by ear and strumming patterns. *Second semester.*

**ME 301** Voice Methods for Choral Directors (2 credits)

Philosophy and methods for teaching vocal technique in a choral rehearsal. Topics include vocal pedagogy, choral blend and balance, rehearsal techniques and choral diction. Extensive in-class conducting. *Prerequisite: MT 205. First semester.*

**ME 312** Double Reed Class (1 credit)

An introduction to the instrument with emphasis on practical playing experience. Materials and techniques for elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Corequisite: ME 392.*

*First semester.*

**ME 313** Saxophone Class (1 credit)

An introduction to the instrument with emphasis on practical playing experience. Materials and techniques for

elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Corequisite: ME 392.*

*First semester.*

**ME 314** Euphonium/Tuba Class (1 credit)

An introduction to each instrument with emphasis on practical playing experience. Materials and techniques for elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Corequisite: ME 392. First semester.*

**ME 315** Horn Class (1 credit)

An introduction to the instrument with emphasis on practical playing experience. Materials and techniques for elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Corequisite: ME 392. First semester.*

**ME 391** Lab Orchestra (0 credit)

Practical application of techniques and performance skills developed in string instrument classes. Students study and perform music from current string methods as well as beginning- and intermediate-level string ensemble literature. *Corequisite: ME 211 or ME 212. Second semester.*

**ME 392** Lab Band (0 credit)

Practical application of techniques and performance skills developed in brass, woodwind and percussion instrument classes. Students study and perform music from current band methods as well as beginning- and intermediate-level band literature. *Corequisite: ME 213, ME 214, ME 215, ME 216, ME 217, ME 312, ME 313, ME 314 or ME 315. Both semesters.*

**ME 501** Studio Production Techniques (2 credits)

Advanced Musical Instrument Digital Interface (MIDI) sequencing techniques and an introduction to digital audio editing and production in Logic and Pro Tools environments. Identical to MTc 501. *Prerequisite: Ed 381.*

**ME 502** Music Business (2 credits)

An examination of the design, implementation and operation of a professional music business (e.g., the traditional and internet-based private studio, music academy, recording studio, retail and freelance work). Topics include business planning, licensure, budgeting, technology, marketing, grant writing, publishing and copyright law. Students will develop and defend a business plan for their chosen music business. *Online.*



**ME 503** Early Childhood Music Education (3 credits)

A survey of child development theories and the music acquisition process, birth to age nine. The influence of environment, play and movement on music acquisition will be studied through the examination of recent research, developmentally appropriate curricula, field observations and laboratory experiences. *Online.*

**ME 505** Instrument Repair for School Musicians (2 credits)

A practical study of the tools, supplies, parts, techniques and resources used in the maintenance and repair of woodwind, brass and percussion instruments.

**ME 510** History of American Music (3 credits)

Designed specifically for the practicing music educator, the course will explore the history of American music through style, historical context, structure, social significance and political impact. Students will complete a final project which connects their own teaching experiences and/or pedagogical concerns to a topic covered in the course. *Online.*

**ME 511** World Music (3 credits)

Designed specifically for the practicing music educator, the course will provide a broad overview of musical traditions, styles, instruments and cultures from people around the world with the goal of informing curriculum design. *Online.*

## DIVISION OF COMMUNICATION

### DEPARTMENT OF COMMUNICATION STUDIES/ DEPARTMENT OF JOURNALISM & MASS COMMUNICATION

**Com 101** Fundamentals of Speech (3 credits)

The basic principles of public speaking with special emphasis on platform techniques and a study of the different types of speech. *Not applicable toward a major or minor. Both semesters, Online.*

**Com 200** Fundamentals of Broadcasting (3 credits)

A survey of electronic media and production methods. Practical experience in performing, creating and editing audio and video content for broadcast, websites and consumer media. *Lecture and lab. First semester.*

**Com 201** Public Speaking (3 credits)

Organization, preparation and delivery of speeches for different occasions with emphasis on construction and audience adaptation. *Prerequisite: Com 101. Both semesters.*

**Com 202** Principles of Communication (3 credits)

An inquiry into the process, theory and philosophy of contemporary verbal and nonverbal communication. *Prerequisite: Com 101. Both semesters.*

**Com 204** Principles of Journalism (3 credits)

Principles and techniques of writing for the print and electronic media, as well as an introduction to the basics of

advertising and public relations. Includes introduction to Associated Press news style and basics of copyediting. *Second semester.*

**Com 206** Fundamentals of Publishing (3 credits)

An overview of publishing, emphasizing book-trade practices and individual roles within a publishing house. Manufacturing, business, legal and ethical considerations explored from both a contemporary and historical perspective. *Prerequisite: En 102. First semester, odd-numbered calendar years.*

**Com 211** Expository Writing (3 credits)

Principles and techniques of writing that informs or explains. *Prerequisite: En 102. Both semesters.*

**Com 215** Introduction to Public Relations (3 credits)

Overview of the field of public relations, with an emphasis on the principles governing the profession. Examines the process that public relations campaigns follow, including the common elements that characterize those campaigns, and explores the career opportunities available to the public relations practitioner. *Second semester.*

**Com 222** Fundamentals of Technical Writing (3 credits)

Introduction to techniques for presenting technical information so that people can understand it easily and use it efficiently. *Prerequisite: En 102. Both semesters.*

**Com 300** Media & Society (3 credits)

A survey of media institutions, theories and research. Particular emphasis on the role of mass communication in contemporary society. *First semester.*

**Com 301** Audio Equipment Operation (3 credits)

Principles, theory and operation of audio equipment. Applications in radio production, live on-air shifts, public address systems and audio content for the web. *Prerequisite: Com 200. econd semester.*

**Com 302** Interpersonal Communication (3 credits)

Application of communication principles, theories and research to an examination of the process of interpersonal communication, and the improvement of communication skills relevant to interpersonal settings. *First semester.*

**Com 303** Organizational Communication (3 credits)

Theory and research in organizational communication; an understanding of how organizational meaning is created and sustained. Strategies for assessing and improving organizational and individual communication effectiveness. *Lecture and discussion class. Both semesters.*

**Com 304** Theories & Research in Communication (3 credits)

Comparison of various approaches to the study of communication with particular emphasis on a Christian perspective. *First semester.*

**Com 305** Oral Communication for the Media (3 credits)

The study and application of the principles of announcing for electronic media. Instruction in copy interpretation and skills needed for effective delivery of commercials, news, interviews, public service announcements and ad lib continuity. *Second semester.*

**Com 306** Copy Editing (3 credits)

Principles and techniques of editing newspaper and magazine copy, including headline writing, fact checking and application of stylebook rules. *First semester, even-numbered calendar years.*

**Com 307** Video Equipment Operation (3 credits)

Operation of video equipment, emphasizing field production. Special emphasis on composition of pictures using video cameras and the fundamentals of nonlinear video editing. *Prerequisite: Com 200. First semester.*

**Com 308** Writing for Digital Advertising (3 credits)

Principles of and experience in writing various forms of broadcast continuity, including commercial copy and Christian and secular program scripting, with a special focus on “writing for the ear”; editorial considerations in planning

and producing programs. *Second semester, even-numbered calendar years.*

**Com 310** Magazine Writing (3 credits)

A study of the researching and writing of nonfiction articles. Attention is given to market analysis, research methods and sources, types of articles and their organization, and manuscript preparation and submission to publishers. *Prerequisite: Com 211. Second semester.*

**Com 314** Leadership & Communication (3 credits)

The purpose of this interdisciplinary course is to introduce students to the field of leadership from a biblical worldview. Students will gain a broad understanding of the history and origins of leadership, theoretical approaches to leadership and the essence of contemporary leadership. As students master the fundamentals of the concepts, they will be encouraged to test their ability to apply these concepts to their own life experiences. Students will be required to participate in leading a service-oriented project during the course of the semester. *First semester.*

**Com 318** Writing & Reporting for Print (3 credits)

Advanced techniques in writing and reporting news and features for print and online media, with an emphasis on Associated Press style, interviewing and research skills. *Prerequisite: Com 204. First semester.*

**Com 319** Writing & Reporting for Broadcast (3 credits)

Principles and techniques in news gathering and reporting for the broadcast media, with special emphasis on interviewing, research skills, and video and audio editing. *Prerequisite: Com 204. First semester.*

**Com 321** Public Relations Writing (3 credits)

Principles and techniques of writing for public relations, including news releases, brochures, newsletters, annual reports, white papers and media kits. *First semester, odd-numbered calendar years.*

**Com 323** Critical Writing (3 credits)

Principles and techniques of analytical and evaluative writing. *Prerequisite: En 103. Second semester.*

**Com 324** Business Writing (3 credits)

Development of writing skills for success in the workplace, including audience and situation analysis, appropriate and clear style, and standard message formats. *Prerequisite: En 102. Both semesters.*

**Com 330** Classroom Communication (3 credits)

Development of the special speech skills appropriate for the classroom teacher. *Not applicable toward a major. Prerequisite: Com 101. Both semesters.*

**Com 401** Communication Internship (3 credits)

A supervised experience in applying communication principles in an organizational setting. *Not applicable toward a minor. Both semesters, Summer.*

**Com 405** Persuasion (3 credits)

Theories of persuasion, platform practice and criticism of model persuasive speeches. *Prerequisite: Com 201. Second semester.*

**Com 407** Argumentation & Debate (3 credits)

Principles and techniques of argumentation applied to academic debate. Emphasis on the ability to construct and defend a logical argument with the use of credible evidence, and the ability to analyze and refute the arguments of others. *Prerequisite: Com 101. First semester, even-numbered calendar years.*

**Com 410** Oral Communication for the Professions (3 credits)

Application of oral communication skills and principles to business and professional speaking situations. Conferences, interviews, interpersonal communication and presentational speaking. *Not applicable toward a major. Prerequisite: Com 101. Both semesters.*

**Com 411** Audio Production (3 credits)

Advanced concepts of audio, including complex radio commercial production and studio recordings. Techniques of recording, mixing and editing using audio software. Instruction to archiving media projects for the Senior Portfolio. *Prerequisite: Com 301. Second semester, even-numbered calendar years.*

**Com 417** Video & TV Studio Production (3 credits)

Producing and directing television programs. Practical experience in conceptualizing and creating short format productions, directing a cooking show and producing a pilot program. *Prerequisite: Com 307. Second semester, odd-numbered calendar years.*

**Com 422** Opinion Writing (3 credits)

Writing of editorials, columns and op-ed pieces, with special attention to procedures of editorial preparation and strategies of the journalistic essay. *First semester.*

**Com 423** Special Topics in Communication (3 credits)

Topics may include nonverbal communication, interpersonal communication in multinational corporations, organizations as culture and readings in organizational communication. *First semester, odd-numbered calendar years.*

**Com 425** Cases in Public Relations (3 credits)

Analysis of selected cases in public relations, focusing on

strategic problem solving and culminating in the creation of a public relations proposal for a client. *First semester, even-numbered calendar years.*

**Com 426** Media Law & Ethics (3 credits)

Survey of the federal, state and local laws that most directly affect mass communication in the United States, with emphasis on understanding of First Amendment freedoms and ethical principles in mass communication. *First semester, even-numbered calendar years.*

**Com 430** Social Media Strategy (3 credits)

An analysis of the influence and impact of social media in personal, professional and corporate contexts. Examination of best practices for marketing strategy and us in everyday life. *Second semester.*

**Com 431** Special Topics in Journalism & Mass Communication (3 credits)

Current issues in journalism and mass communication. *First semester.*

**Com 432** Special Topics in Journalism & Mass Communication (3 credits)

Current issues in journalism and mass communication. *Second semester.*

**Com 436** Media Relations (3 credits)

Analysis and implementation of media relations strategies and programs for profit and nonprofit organizations. *First semester.*

**Com 417** Video & TV Studio Production (3 credits)

Producing and directing television programs. Practical experience in conceptualizing and creating short format productions, directing a cooking show and producing a pilot program. *Prerequisite: Com 307. Second semester, odd-numbered calendar years.*

**Com 441** Journalism & Mass Communication Capstone (1 credit)

A synthesis of theoretical knowledge and applied skills in the student's area of specialization in journalism and mass communication. Special emphasis on career preparation, including compilation of a senior portfolio.

**Com 451** Journalism & Mass Communication Internship (3 credits)

A supervised experience in applying journalism and mass communication principles in a media setting. Location of internship—such as BJU Press, local public relations firms and local media outlets—dependent on program emphasis. Based on faculty recommendations and internship availability. *Both semesters, Summer.*

**Com 452** Journalism & Mass Communication Internship (3 credits)

A supervised experience in applying journalism and mass communication principles in a media setting. Location of internship—such as BJU Press, local public relations firms and local media outlets—dependent on program emphasis. Based on faculty recommendations and internship availability.

*Prerequisite: Com 451. Both semesters, Summer.*

**Com 470** Advertising Principles & Practices (3 credits)

The course provides a comprehensive overview of advertising and promotion from an Integrated Marketing Communication perspective. It creates a clear understanding of traditional advertising and promotional tools, and demonstrates how key elements within the marketing mix can be integrated. Attention will be given to integrating knowledge and skills in subjects such as marketing strategy, marketing research, media planning, communication and creative areas. Focus will be on creative strategies for traditional and non-traditional markets, advertising agency, competitive positioning and how each influences the effectiveness of an advertising campaign. A primary goal of the class is to move class members from an audience to creators of advertising and promotional strategies for business. There is a hands-on practicum, in which class participants prepare advertising campaigns for clients or competition.

**Com 505** Communication Training & Development (3 credits)

Introduction to the process through which companies and other organizations improve performance and communication. Emphasis on training skills in the field of communication as well as consulting in the organizational setting. *Prerequisite: Com 303. First semester.*

**Com 507** Conflict Management (3 credits)

Integration of theory on conflict management with practical approaches to conflict training. An emphasis on a biblical perspective of conflict. *First semester.*

**Com 520** Intercultural Communication (3 credits)

The theory and practical applications of communicating between cultures. Special emphasis is given to biblical principles of communication, and to the organizational and business applications of intercultural communication. *Second semester.*

**Com 521** Nonverbal Communication (3 credits)

Analysis of the various codes of nonverbal behavior and their functions in interpersonal, workplace and mediated encounters. Special emphasis is given to Scriptural principles of nonverbal communication. *Second semester, odd-numbered calendar years.*

**Com 524** Special Topics in Communication (3 credits)

Topics may include crisis communication, strategic narrative, case studies in communication, and readings in organizational communication.

**Com 525** Special Topics in Communication (3 credits)

Topics may include crisis communication, strategic narrative, case studies in communication, and readings in organizational communication.

**Com 526** Special Topics in Communication (3 credits)

Topics may include crisis communication, strategic narrative, case studies in communication, and readings in organizational communication.

## DEPARTMENT OF CINEMA

**Ci 100** Cinema Lab (0 credit)

The content of this weekly meeting varies each semester and includes discussion of current studio and student production, presentation of new technologies, guest speakers, review of industry-related topics and consideration of ethical issues facing the Christian producer. Required of all Cinema Production majors every semester that they are enrolled. Open to non-majors currently enrolled in cinema classes. Note: Cinema Production majors are also required to participate in department and personal production activities each semester. *Both semesters.*

**Ci 111** Introduction to Visual Storytelling (3 credits)

Survey of the preproduction, production and post-production phases in cinematic productions with emphasis on the visual storytelling of an idea. Basic hands-on operation of cameras and non-linear editing systems. Required SD card and hard drive. *Outside lab time involved. Both semesters.*

**Ci 201** Editing & Sound for Digital Media (3 credits)

Introduction to the art, techniques and application of editing and sound for film and digital media. Practical experience with audio recording and non-linear digital editing. Required hard drive and class approved headphones. *Prerequisite: Ci 111. First semester.*

**Ci 202** Cinematography & Field Production (3 credits)

Operation and handling of professional video cameras, supports and related production equipment. Basic framing, composition and motion picture camera technologies. Students will complete several video projects. Required hard drive. *Prerequisite: Ci 111. Second semester.*

**Ci 204** Sound Design (3 credits)

Study of the art, science and techniques of sound focusing on post-production sound techniques (sound recording, editing and mixing) with a strong emphasis on overall sound design. *Prerequisite: Ci 201. Second semester.*

**Ci 301** Cinematography & Lighting (3 credits)

An overview of the art and craft of the professional cinematographer and cinematic design. Prepping equipment for the shoot and application of the principles of location lighting for single-camera production. Basic electrical theory necessary for the safe rigging of electrical equipment. Students will shoot film and digital projects. Required film costs. *Prerequisite: Ci 202. First semester.*

**Ci 304** Advanced Editing (3 credits)

Theory and practice of editing in the specific editorial elements of film construction. Class includes the sophomore project. *Prerequisite: Ci 201. Second semester.*

**Ci 306** Scenic Design for the Motion Picture (3 credits)

Students will develop an understanding of the setting, or scenic design, for motion picture and how it relates to the whole production. Includes design analysis, research, thumbnail and CAD drawings, set construction, hands-on experience in foam, faux painting and aging techniques, and dressing the set. *Second semester.*

**Ci 312** Documentary Production Seminar (3 credits)

Practical experience in documentary production techniques through the creation of video projects. The student will learn to observe and critique the documentary genre and discover creative solutions to problems of production. *Prerequisite: Ci 201 and Ci 202. First semester.*

**Ci 314** The Art of Animation—2D (3 credits)

A practical instruction in hand-drawn animation. Students will create their own animation and learn principles such as squash and stretch, staging, overlapping action, anticipation, etc. Includes an emphasis on timing for animations. Drawing skills recommended. *First semester, even-numbered calendar years.*

**Ci 315** Animation Production (3 credits)

Exploring a variety of animation styles and techniques with hands-on instruction. The student will produce their own short animation project that will cover the whole gamut of the animation process from script to screen. *Prerequisite: Ci 314, Ci 316 or Ci 416. Second semester, even-numbered calendar years.*

**Ci 316** Motion Graphic Design & Digital Effects (3 credits)

Practical experience and training in the use of Adobe After Effects to create animated graphics and text, digital animation techniques, and an introduction to Photoshop and special effects. Assignments stress integration of graphics, image correction, titling, movement in 2D and 3D space, motion tracking and motion graphics in student cinematic productions. *Second semester.*

**Ci 378** Aesthetics of Cinematic Arts (2 credits)

A survey of the Christian responsibility of filmmaking through the analysis of cultural, historical and aesthetically significant films. Further analysis of the foundational elements of art and how they apply to the aesthetics of filmmaking. *Both semesters.*

**Ci 405** Screenwriting (3 credits)

An introduction to screenplay structure and formatting focused on short narrative film. Learn to tell stories using only what you can see or hear to express ideas, plots, and characters. Write your senior film script or just expand your writing skills in an exciting medium. *Prerequisite: En 102. First semester.*

**Ci 411** Special Topics in Cinematic Arts (3 credits)

Special Topics in cinematic arts. Topics may include visual effects, computer gaming, visual storytelling, criticism and analysis.

**Ci 412** Cinema Workshop (3 credits)

Participation in professional film, multimedia or video production. Offered during production years only. *Prerequisite: Ci 111.*

**Ci 414** Makeup for Visual Media (3 credits)

The principles and application of makeup for cinema, theatre and digital media. Demonstration and practical experience in straight and character makeups. Required class approved makeup kit. *First semester.*

**Ci 415** 3D Computer Modeling (3 credits)

Introduction to the process of three-dimensional computer animation with an emphasis on 3D computer modeling. Introduces material editing, shaders, textures and lighting in the 3D environment. Emphasis will be on a major modeling project. *First semester, odd-numbered calendar years.*

**Ci 416** 3D Computer Animation (3 credits)

Applies the principles of animation and timing to 3D computer models using skeletons, deformers, constraints, expressions and dynamics. Examines digital compositing techniques and rendering for output to digital media. *Second semester, odd-numbered calendar years.*

**Ci 417** Cinema Directing (3 credits)

The functions and responsibilities of the director from the shooting script through the final product. Principles and methods of directing that are applicable to all phases of production in the various cinematic forms. *Second semester.*

**Ci 425** Advanced Cinematography (3 credits)

The art and craft of advancing the story through the tools of the cinematographer. Principles of set lighting for single-camera production and understanding of post color correction. Advanced use of lenses, filters and camera movement. *Prerequisite: Ci 301. Second semester.*

**Ci 479** Production Seminar (2 credits)

Students will begin a project that will show a mastery of both the visual and narrative aspects of storytelling—this principle can apply to documentaries also. Project is from script to presentation of rough cut. A review of industry practices is included. *Both semesters.*

**Ci 480** Advanced Production Seminar (2 credits)

Continued work on the creative project which was begun in Ci 479. The focus of the semester will be on refining the project in post-production with emphasis on editing, sound effects, music and titles. *Prerequisite: Ci 479. Both semesters.*

**Ci 496** Production Internship I (3 credits)

Practical application of production skills in a structured internship environment. *Both semesters, Summer.*

**Ci 497** Production Internship II (3 credits)

Practical application of production skills in a structured internship environment. *Both semesters, Summer.*  
*Prerequisite: Ci 496.*

## DEPARTMENT OF THEATRE

**Thr 110** Theatre Practicum I: Introduction to Theatre (1 credit)

An introduction to theatre as a discipline and to the practice of collaborative theatre in specific settings. *First semester.*

**Thr 120** Stagecraft (3 credits)

An introduction to the various crafts of dramatic production: scenery, props, sound and makeup. Special emphasis is placed upon tools and techniques of stagecraft. *Second semester.*

**Thr 200** Solo Performance (3 credits)

An exploration of the history and practice of solo performance with special emphasis on critical analysis of literature for performance and basic performance techniques. *Second semester.*

**Thr 208** Introduction to Acting (3 credits)

An introduction to Konstantin Stanislavski and practical applications for the actor regarding warm-up routine, scene analysis, embodiment of action, and professionalism in the rehearsal room. *Both semesters.*

**Thr 210** Stage Movement (3 credits)

Beginning stage movement for the performer. Emphasis on period movements, alignment, flexibility, gesture and body composition, and physical characterization. *First semester.*

**Thr 225** Appreciation of Theatre & Film (2 credits)

A general survey of the theatre and film with an emphasis on giving the student a biblical perspective of the history, literature and practices of drama and film in our culture. *Not applicable toward a major or minor. Both semesters.*

**Thr 230** Theatre History to 18th Century (3 credits)

A history of theatre from antiquity through the 18th century with a special emphasis on the relationship between text and performance. *First semester.*

**Thr 240** Theatre History: 19th & 20th Centuries (3 credits)

A history of theatre of the 19th and 20th centuries with a special emphasis on the relationship between text and performance. *Second semester.*

**Thr 300** Stage Directing (3 credits)

The theory and principles of directing for the stage, including practical application in directing scenes from various plays. *Prerequisite: Thr 208. Second semester.*

**Thr 301** Scene Design (3 credits)

An introduction to the principles and elements of design and their relationship to scene design for the stage. Students study basic theory of scene design, complete exercises in conceiving and rendering designs, and present designs in a production meeting setting. *First semester.*

**Thr 302** Lighting & Audio Design (3 credits)

An introduction to the principles and elements of design and their relationship to stage lighting and audio design. Students study basic theories of lighting and audio design, complete exercises in conceiving and executing plots, and present designs in a laboratory environment. *Second semester.*

**Thr 303** Voice & Articulation (3 credits)

An integrated workshop approach to the study and development of the speaking voice in the contexts of performance and oral communication. Special emphasis on relaxation, breathing, resonance, vocal quality, articulation and projection. *Both semesters.*

**Thr 304** Costume Design (3 credits)

An introduction to the principles and elements of design and their relationship to stage costumes. Students study basic theory of costume design, complete exercises in conceiving and rendering designs, present designs in a production meeting setting, and learn about equipment, techniques and materials. *Second semester.*

**Thr 308** Advanced Acting (3 credits)

Internal and external techniques for acting for the stage with special emphasis on scene work and the handling of text.

*Prerequisite: Thr 208. First semester.*

**Thr 317** Playwriting (3 credits)

Foundations of playwriting with lab work in monologue, scenes and one-act plays. *First semester.*

**Thr 320** Theatre Practicum II (1 credit)

Backstage or onstage experience as part of a collaborative team working to mount a production in one of the campus theatres. *Both semesters.*

**Thr 330** Theatre Practicum III: Theatre as Vocation (1 credit)

An introduction to the use of theatre as mission, service or ministry, emphasizing the development of a personal philosophy of ministry in theatre and the practical considerations of the vocation of creating theatre.

*Prerequisite: Thr 320. Second semester.*

**Thr 340** Drama Team Internship (6 credits)

Practical application of drama ministry in a structured internship on a BJU ministry team. Open only to students who travel on an official BJU ministry team.

**Thr 341** Drama Team Internship (3 credits)

Practical application of drama ministry in a structured internship on a BJU ministry team. Open only to students who travel on an official BJU ministry team.

**Thr 407** Theatre Internship (1 credit)

Practical application of theatre practice or management in a structured a structured internship environment.

*Both semesters.*

**Thr 410** Staging Literature (3 credits)

Adaptation, direction and group performance of poetry, narrative fiction and compiled scripts. *First semester.*

**Thr 415** Incarnation & the Humanities (3 credits)

A study of the incarnational narrative at the center of historic Christian orthodoxy together with an analysis of how the incarnation shapes a Christian philosophy of aesthetics and the humanities. Special attention is given to the art narratives of theatre, photography and film. *Identical to Th 415. First semester.*

**Thr 420** Theatre Practicum IV (1 credit)

Practical experience either in a role on stage or in a behind-the-scenes stagecraft assignment in a campus production.

*Prerequisite: Theatre Candidacy—Passed. First semester.*

**Thr 430** Theatre Practicum V (1 credit)

Practical experience either in a role on stage or in a behind-the-scenes stagecraft assignment in a campus production.

*Prerequisite: Thr 420. Both semesters.*

**Thr 450** Theatre Capstone (1 credit)

Guided preparation for the Theatre major as he/she prepares a capstone project. *Both semesters.*

**Thr 512** Special Topics in Theatre Arts (3 credits)

Special Topics in theatre arts. Topics may include playwriting, directing, performing, designing, dramaturgy, or analysis.

*Both semesters.*

# FACULTY



## DEAN

*Darren Patrick Lawson (1988)*

BA, Bob Jones University;  
MA, Bob Jones University;  
PhD, University of Kansas



## ASSOCIATE DEAN

*Gregory Mark Kielmeyer (1994)*

BA, Bob Jones University;  
MA, Bob Jones University;  
PhD, University of Illinois at  
Urbana-Champaign

## DIVISION OF ART & DESIGN

### DIVISION CHAIR

*Jay Morgan Bopp (1995)*

BA, Bob Jones University; MA, Bob Jones University;  
MFA, Savannah College of Art and Design

### Department of Art

#### DEPARTMENT HEAD

*April Deason Schwingle (2003–2011, 2019)*

BS, Bob Jones University; MA, Bob Jones University

*Jonathan Britton Andrews (2002–2015, 2019)*

BA, Bob Jones University; MA, Bob Jones University

*Jay Morgan Bopp (1995)*

BA, Bob Jones University; MA, Bob Jones University; MFA,  
Savannah College of Art and Design

*Lewis William Carl III (2015)*

BS, Bob Jones University; MA, Bob Jones University

*Emma Susanne Hartman (2019)*

BFA, Bob Jones University; MFA, Savannah College of Art  
and Design

*John Michael Nolan (2015)*

BFA, Bowling Green State University-Main Campus;  
MA, Bob Jones University



## Department of Design

### DEPARTMENT HEAD

#### *Laurie-Lynne Davis Hall (2010)*

BA, Bob Jones University; MFA, Academy of Art University

#### *Nina Raphael Arboscello (Adjunct)*

BS, Syracuse University; MA, Savannah College of Art and Design

#### *Christopher John Barnhart (2013)*

BS, Pensacola Christian College; MA, Pensacola Christian College; Additional graduate work, Bob Jones University

#### *Jay Morgan Bopp (1995)*

BA, Bob Jones University; MA, Bob Jones University; MFA, Savannah College of Art and Design

#### *Karen Louise Flora (1992)*

BS, Bob Jones University; MS, Bob Jones University; MS, Eastern Michigan University

#### *Caroline Elizabeth Hughes (Adjunct)*

BA, Bob Jones University; MFA, Savannah College of Art and Design

#### *Rebekah Nichols Mininger (2005)*

BS, Bob Jones University; MA, Bob Jones University; MFA, Academy of Art University

#### *Anna Catherine Pretlove (Adjunct)*

BS, Bob Jones University; Graduate work, Academy of Art University

#### *Jared Timothy Stanley (2010)*

BS, Bob Jones University; MA, Bob Jones University; PhD, Texas Tech University

## DIVISION OF MUSIC

### DIVISION CHAIR

#### *Michael William Moore (2005)*

BS, Bob Jones University; MEd, Bob Jones University; MMus, University of South Carolina-Columbia; PhD, University of South Carolina-Columbia

## Department of Music History & Literature

### DEPARTMENT HEAD

#### *Paul William Overly (1985)*

BA, Bob Jones University; MMus, Bob Jones University; DMus, Florida State University; Additional graduate work, Eastman School of Music

#### *Todd Randall Jones (2001-2019, Adjunct)*

BA, Bob Jones University; MMus, Bob Jones University; MDiv, Bob Jones University; PhD, University of Kentucky

#### *Lori Lott Lane (Adjunct)*

BA, Bob Jones University; MME, Bob Jones University; Additional graduate work, Piedmont College

#### *Emily Zane Waggoner (2006)*

BMus, Bob Jones University; MMus, Converse College

## Department of Music Theory & Technology

### DEPARTMENT HEAD

#### *Seth Andrew Custer (2009)*

BMus, University of North Dakota; MM, Central Michigan University; PhD, University of Iowa

#### *Warren Edward Cook (1984)*

BS, Bob Jones University; MA, Bob Jones University; DMA, University of South Carolina-Columbia; Additional graduate work, Westminster Choir College of Rider University

#### *Paul Edward Dunbar (1978–2019, Adjunct)*

BMus, Henderson State University; MMus, Louisiana State University; DMA, Louisiana State University; Additional graduate work, Bob Jones University

#### *David C Janssen (2019)*

BM, Oklahoma City University; MM, Manhattan School of Music; DMA, Boston University

#### *Faye Springer Lopez (2002)*

BA, Bob Jones University; MA, Bob Jones University

#### *Joan Jacobson Pinkston (1970–2017, Adjunct)*

BA, Bob Jones University; MA, Bob Jones University; Additional graduate work, Westminster Choir College of Rider University

#### *Kenon Dean Renfrow (1985-1988, 2004)*

BA, Bob Jones University; MMus, Bob Jones University; PhD, University of Oklahoma Norman Campus

## Department of Church Music

### DEPARTMENT HEAD

#### *Fred Rowel Coleman (1988)*

BS, Ball State University; MA, Bob Jones University; DPasTh, Bob Jones University; Additional graduate work, VanderCook College of Music, Westminster Choir College of Rider University and Hamline University

#### *Ruth Nelson Coleman (1988-2019, Adjunct)*

BA, Bob Jones University; MA, Bob Jones University

#### *Faye Springer Lopez (2002)*

BA, Bob Jones University; MA, Bob Jones University

## Department of Vocal Studies

### DEPARTMENT HEAD

*Shellie Alicia Beeman (2016)*

BMus, Bob Jones University; MMus, Bob Jones University; DA, Ball State University; Additional graduate work, Northwestern State University of Louisiana

*Antje Boschmann (Adjunct)*

BEEd, Johannes-Gutenberg University; MMus, Bob Jones University

*Laura Cook Brundage (2007)*

BMus, Bob Jones University; MMus, Bob Jones University

*Elizabeth Fox Eoute (Adjunct)*

BMus, Bob Jones University; MMus, Bob Jones University

*David Gene Parker (1985)*

BS, Bob Jones University; MMus, Bob Jones University; DMA, University of Michigan-Ann Arbor

## Department of Keyboard Studies

### DEPARTMENT HEAD

*David Curtis Lehman (1978–2019, Adjunct, 2020)*

BA, Bob Jones University; MMus, Boston University

*Donna Louise Crawford (1996–2019, Adjunct)*

BA, Heritage Baptist University; MA, Pensacola Christian College; MMus, Bob Jones University

*Paul Edward Dunbar (1978–2019, Adjunct)*

BMus, Henderson State University; MMus, Louisiana State University; DMA, Louisiana State University; Additional graduate work, Bob Jones University

*Deanna Cash Moore (1999)*

BMus, Bob Jones University; MMus, Bob Jones University; DMA, University of South Carolina-Columbia

*Kenon Dean Renfrow (1985)*

BA, Bob Jones University; MMus, Bob Jones University; PhD, University of Oklahoma Norman Campus

*Lorri Conder Turcios (1999)*

BMus, Bob Jones University; MMus, Bob Jones University; MMus, Southern Methodist University; EdD, Bob Jones University

## Department of Instrumental Studies

### DEPARTMENT HEAD

*Bruce Bradford Cox (1993)*

BS, Bob Jones University; MS, University of Illinois at Urbana-Champaign; DMA, University of Southern Mississippi; Additional graduate work, Arizona State University at the Tempe Campus

*Abigail Annette Chetta (Adjunct)*

BMus, Bob Jones University; MMus, Bob Jones University

*Shannon Patrick Flynn (Adjunct)*

AA, Palm Beach Community College; BFA, Florida Atlantic University; MMus, University of Memphis; DMA, University of Memphis

*Rachel Hogle Hall (Adjunct)*

BMus, Cleveland Institute of Music; MMus, Florida State University

*Kelvin Brandon Ironside (2015)*

BMus, McGill University's Schulich School of Music; MMus, Arizona State University; DMA, University of North Carolina at Greensboro

*Daria Janssen (Adjunct)*

UD, Longy School of Music; BM, Emerson College; MM, Boston University; DMA, Boston University

*Paul Richard Jantz (1976–2019, Adjunct)*

BS, Bob Jones University; MA, Bob Jones University

*Yuriy Leonovich (2014)*

BMus, Wayne State University; MMus, Cleveland Institute of Music; DMA, Cleveland Institute of Music

*Alan Dale Lohr (Adjunct)*

BS, Bob Jones University; MA, Bob Jones University

*Michael William Moore (2005)*

BS, Bob Jones University; MEd, Bob Jones University; MMus, University of South Carolina-Columbia; PhD, University of South Carolina-Columbia

*Paul William Overly (1985)*

BA, Bob Jones University; MMus, Bob Jones University; DMus, Florida State University; Additional graduate work, Eastman School of Music

*Dianne Gustafson Pinner (1978–2019, Adjunct)*

BS, Bob Jones University; MA, Bob Jones University

*Jeanette Ferkel Schlimgen (1986–2017, Adjunct)*

BS, Bob Jones University; MA, Ohio State University; MEd, Bob Jones University; Additional graduate work, Bob Jones University

*William Robnett Schoolfield (1988–2001, Adjunct)*

BS, Tennessee Technological University; MMus, University

of Tennessee at Chattanooga-Cadek Conservatory;  
EdS, Bob Jones University; Additional graduate work,  
University of South Carolina-Columbia

***Emily Zane Waggoner (2006)***

BMus, Bob Jones University; MMus, Converse College

***Esther June Waite (2006)***

BS, Bob Jones University; MMus, North Carolina School of  
the Arts; DMA, Louisiana State University; Additional grad-  
uate work, University of North Carolina School of the Arts

*Department of Music Education*

**DEPARTMENT HEAD**

***Pattye Johnson Casarow (2016)***

BS, Grand Canyon University; MMus, Arizona State  
University; DMA, Arizona State University

***Warren Edward Cook (1984)***

BS, Bob Jones University; MA, Bob Jones University  
DMA, University of South Carolina-Columbia; Additional  
graduate work, Westminster Choir College of Rider  
University

***Michael William Moore (2005)***

BS, Bob Jones University; MEd, Bob Jones University;  
MMus, University of South Carolina-Columbia;  
PhD, University of South Carolina-Columbia

***Kenon Dean Renfrow (1985)***

BA, Bob Jones University; MMus, Bob Jones University;  
PhD, University of Oklahoma Norman Campus

***David Scott Townsend (2018)***

BS, Bob Jones University; MME, Michigan State University

***Lorri Conder Turcios (1999)***

BMus, Bob Jones University; MMus, Bob Jones University;  
MMus, Southern Methodist University;  
EdD, Bob Jones University

*DIVISION OF COMMUNICATION*

**DIVISION CHAIR**

***Mariam Himadeh Mendoza (2004)***

BS, Bob Jones University; MS, Bob Jones University;  
EdD, Bob Jones University

*Department of Communication Studies*

**DEPARTMENT HEAD**

***Paul Todd Radford (2008)***

BA, Bob Jones University; MA, Bob Jones University;  
PhD, Regent University; Additional graduate work,

University of South Florida

***Catherine Jeanine Aumiller (1998)***

BA, Bob Jones University; MA, Bob Jones University

***Charlotte Gibbs Burke (1979)***

BS, Bob Jones University; MA, Bob Jones University;  
PhD, Southern Illinois University Carbondale

***Gregory Mark Kielmeyer (1994)***

BA, Bob Jones University; MA, Bob Jones University;  
PhD, University of Illinois at Urbana-Champaign

***Darren Patrick Lawson (1988)***

BA, Bob Jones University; MA, Bob Jones University;  
PhD, University of Kansas

***Sara Elizabeth Pennington (2019)***

BMus, Bob Jones University; MA, Bob Jones University

***Jessica Lauren Mullen (2019)***

BA, Bob Jones University; MA, Bob Jones University

***Lonnie Ray Polson (1978-2012, 2016)***

BA, Bob Jones University; MA Bob Jones University;  
MS, Bob Jones University; EdD, Bob Jones University

***Gary Matthew Weier (1990)***

BA, Bob Jones University; MA, Bob Jones University;  
PhD, Purdue University-Main Campus

*Department of Journalism & Mass Communication*

**DEPARTMENT HEAD**

***Blake Allyn Spence (1980)***

BA, Bob Jones University; MEd, University of Delaware;  
MA, Clemson University; EdD, Bob Jones University

***Jonathan David Gamet (Adjunct)***

BS, Bob Jones University; MS, Bob Jones University;  
MA, Bob Jones University

***Kathryn Boole Gamet (2009)***

BS, Bob Jones University; MS, Bob Jones University

***Jennifer Horton Miller (Adjunct)***

BA, Bob Jones University; JD, University of South Carolina;  
MA, University of South Carolina

***David Joseph Lurtey (1987)***

BS, Bob Jones University; MA, Bob Jones University

***Betty Lou Solomon (1980)***

BS, Bob Jones University; MEd, Bob Jones University;  
MA, University of South Carolina-Columbia

*Department of Cinema***DEPARTMENT HEAD*****Sharyn Jeffers Robertson (2010)***

BS, Bob Jones University; MA, Bob Jones University;  
MFA, National University

***David Elliott Rogers (Adjunct)***

BS, Pearl Valley Baptist College; MA Bob Jones University

***Mary Ann Bright Fink (Adjunct)***

BS, Bob Jones University; MA Bob Jones University

***John Preston Murray (2017)***

BS, Bob Jones University; MA, Bob Jones University

***Jason Michael Waggoner (2019)***

BA, Bob Jones University; MA, Bob Jones University;  
MFA, Full Sail University

***Steven James White (Adjunct)***

BS, Bob Jones University; MA, Bob Jones University

***Christopher George Zydowicz (1997)***

BS, Bob Jones University; MA, Bob Jones University;  
MFA, Academy of Art University

*Department of Theatre***DEPARTMENT HEAD*****Erin Lea Naler (2000)***

BS, Bob Jones University; MA, Bob Jones University;  
PhD, University of Texas at Dallas

***Ronald Hugh Pyle (1986)***

BA, Bob Jones University; MA, Bob Jones University

***John Michael Cox (2019)***

BA, Bob Jones University; MA, Bob Jones University;  
MFA, The George Washington University

***Elizabeth Sowers Nelson (Adjunct)***

BFA, Bob Jones University; MA, Bob Jones University

***Anne Watson Nolan (1995)***

BA, Bob Jones University; MFA, Bob Jones University

***Meghan Noel Reimers (Adjunct)***

BA, Bob Jones University; MA, Bob Jones University;  
MFA, Hollins University

***Jeffrey Lee Stegall (1987)***

BS, Welch College; MA, Bob Jones University; Additional  
graduate work, University of Oklahoma Norman Campus





*School of*  
**EDUCATION**

# PROGRAMS

In conjunction with the University's commitment to building Christlike character, the School of Education exists to prepare educators for teaching in both public and private schools, to prepare graduates for occupations or further study in other education related fields, and for administrative leadership in Christian schools. The School also provides graduate programs in education.

## GOALS

The student will ...

- Apply learning to solutions of problems in the discipline.
- Employ relevant skills, resources and technology.
- Develop a distinctly biblical view of the discipline.

## DIVISIONS

The School of Education is organized into three divisions:

- Division of Teacher Education
- Division of Educational, Child and Family Studies
- Division of Adult and Graduate Studies



## DEGREES OFFERED

### *Undergraduate Degrees*

The *Associate of Science* degree with a major in Child Growth and Development

The *Bachelor of Science* degree with majors in Child Development, Composite Social Studies Education, Early Childhood Education, Educational Studies, Elementary Education, English Education, Mathematics Education, Middle School Education, Music Education, Science Education, Spanish Education and Special Education. In coordination with the School of Fine Arts and Communication and the Division of Music, the Bachelor of Music Education with a major in Music Education

### *Certificates & Graduate Degrees*

The *Undergraduate Certificate in K-12* in Teaching and Learning

The *Graduate Certificate* in K-12 Teaching and Learning

The *Graduate Certificate* in K-12 Educational Leadership

The *Master of Education* degree with a major in Teaching and Learning

The *Master of Science* degree with a major in Educational Leadership

*Please refer to the current BJU Seminary and Graduate Studies Catalog for detailed information regarding each of the degree offerings noted above, including information regarding learning objectives, goals, course offerings and sequencing, and degree conferral requirements.*



**Brian A. Carruthers, EdD**  
Dean

# DIVISION OF TEACHER EDUCATION



Sonia L. Johnson, EdD  
*Chair*

The Division of Teacher Education courses are offered in this division for students who must complete the degree requirements for a teacher education program.

All teacher education programs in the Division of Teacher Education are approved for licensure in South Carolina. These programs are also available on the non-licensure track. Teacher Education programs include: Composite Social Studies Education, Early Childhood Education, Elementary Education, English Education, Mathematics Education, Middle School Education, Science Education, Spanish Education and Special Education.

In coordination with the School of Fine Arts and Communication and the Division of Music, the Bachelor of Music Education provides a major in Music Education which provides intensive studies in both music and education. Upon completion of the degree, students are eligible for licensure to teach music K-12 in either choral or instrumental music.

### PURPOSE

In conjunction with the University’s commitment to build Christlike character, the Division of Teacher Education exists to prepare Christian educators to be models of learning and life. It seeks to provide students with a biblical worldview, content knowledge, understanding of diverse learner characteristics, professional knowledge, skills, dispositions and practicum experiences to help them become effective teachers in both public and private schools.

### GOALS

The student will ...

- Demonstrate a knowledge of content and pedagogy to be effective teachers.
- Create short- and long-range plans that consider the needs of diverse learners using a variety of instructional strategies and appropriate assessments.
- Demonstrate the ability to have a positive effect on student learning.

## TEACHER EDUCATION PROGRAMS

A summary of the requirements for all the teacher education programs offered by the School of Education are included in this catalog. For a more detailed explanation of requirements, refer to the Field Experience Handbook which is available on BJU's intranet (home.bju.edu).

### RECOMMENDED HIGH SCHOOL PREPARATION

- At least three years of mathematics, including algebra I & II and geometry
- At least three years of science, including at least one year of chemistry and one year of biology

### GENERAL EDUCATION REQUIREMENTS

Courses to support the core curriculum and subject matter areas in teacher education programs are offered by the College of Arts and Science, the School of Religion and the School of Fine Arts and Communication. Coordination of coursework needed to support the curriculum is the responsibility of the Deans Council.

### TEACHER CANDIDACY REQUIREMENT

Eligibility for formal acceptance as a teacher education major will be determined upon the student's successful completion of the requirements prescribed during the first and second years of study. Each cohort of new teacher candidates is chosen during the spring of each year.

### ELIGIBILITY REQUIREMENTS

1. ACT or SAT scores on file with the Registrar's Office.
2. Successfully passed all sections of Praxis Core Academic Skills for Educators for students whose ACT composite score is 21 or below or SAT composite score is 1090 or below. (Students with ACT composite score of 22 or above or SAT composite score of 1100 or above are exempt.)
3. Completion of 45 or more credits toward a teacher education program.
4. Overall grade point average of at least 2.75 or higher.
5. Grades of C- or better in all major courses.
6. Admission interview with a teacher education faculty member, at which time the student's knowledge and understanding of the Standards of Conduct for South Carolina Educators will be evaluated.

Students who do not meet the above eligibility requirements will be placed on probation and given until the following August 1 to come into compliance. Students who are unable to meet this probation deadline will be asked to change their major out of a teacher education program.

Students who are unable to meet teacher candidacy level 2 requirements will not be permitted to register for methods courses or a junior level practicum including the elementary and secondary school music classes in the Music Education program.

## PRAXIS EXAMINATION SERIES

**Praxis Core Academic Skills for Educators**—Required of all students seeking teacher candidacy as a teacher education major and whose ACT composite score is 21 or below or SAT composite score is 1090 or below. The Praxis Core measures basic skills in reading, writing and mathematics, and includes multiple-choice questions and an essay question on the writing test. The tests are designed to evaluate the student's academic skills needed to prepare for a career in education. All three tests (writing, reading and mathematics) must be taken and passed. A student who fails one or more tests is required to retake only the test that was not passed. Expenses associated with the Praxis Series are the responsibility of the student. For more information visit [www.ets.org/praxis](http://www.ets.org/praxis).

**Praxis II Subject Assessments**—Required of all students completing a degree in teacher education. The Praxis II Subject Assessments measure knowledge of specific subjects that K–12 educators will teach, as well as general and subject-specific teaching skills and knowledge. Students must attempt the Praxis II Subject Assessments and the Principles of Learning and Teaching tests before enrolling in Clinical Practice. The attempted scores must be reported to the School of Education by August 1 for those enrolling for Clinical Practice in the fall and by December 15 for those enrolling for Clinical Practice in the spring. Praxis II scores are used by the State Department of Education to determine a student's eligibility for licensure in South Carolina. Both the Subject Assessments and the Principles of Learning and Teaching tests must be taken and passed for licensure recommendation. Expenses associated with the Praxis Series are the responsibility of the student. For more information visit [www.ets.org/praxis](http://www.ets.org/praxis).

## PRE-CLINICAL PRACTICE

Throughout their four years of college, students majoring in education will be expected to build experiences with the age level of students they intend to teach by participating in activities outside the college classroom. Before the semester in which Clinical Practice is scheduled, the teacher candidate must accumulate at least 100 hours of practical experiences in a supervised school setting. In addition to the school experiences, each student must have a minimum of 25 hours of ministry-related teaching activities.

## CLINICAL PRACTICE

There are five leveled benchmarks from the freshman year through graduation in the Division of Teacher Education. (See the requirements for admission that are printed in the Field Experience Handbook.)

The year prior to Clinical Practice, students will submit an application to do Clinical Practice during first or second semester of the following year. The application must be submitted at least one academic year in advance of the semester intended for Clinical Practice.

Students should not plan to take any coursework during the semester of clinical practice experience other than what is required in their program.

In preparation for this experience, students should be aware that they will need to supply their own transportation to the school to which they are assigned. Students are discouraged from assuming on-campus responsibilities the semester they are doing their clinical practice, i.e., recitals or exhibitions; society offices; music or speech ensembles; or performance in plays, operas or student productions.

## PROFESSIONAL EDUCATION LICENSURE/NON-LICENSURE TRACKS

**General Policies**—Students should satisfy all requirements for admission to the professional education program by the time they achieve junior status. Students will not be permitted to register for their junior-level practicum until admission has been granted. A student who fails to do so will be asked to change his or her major to a non-teacher education program.

It is the student's responsibility to submit an application for South Carolina licensure since no credentials are issued automatically. Students should be aware that the approved teacher education programs at Bob Jones University meet the licensure requirements only for the state of South Carolina. Receiving a teaching license in an approved program through South Carolina may allow one to receive reciprocal licensure in other states. However, each state has its own qualifiers for licensure; therefore, for specific licensure requirements, teacher candidates need to contact the Department of Education in the state in which they wish to apply for licensure. Each graduate must take the initiative to make arrangements for renewing his or her license upon expiration.

**Professional Education Program**—Bob Jones University's undergraduate teacher preparation programs have been developed to meet South Carolina teacher licensure requirements. Students completing degree requirements and meeting certain other specified criteria are eligible for licensure in the following areas:

Composite Social Studies	9–12
Early Childhood	Pre-K–3
Elementary	2–6
English	9–12
Mathematics	9–12
Middle School (Language Arts/Mathematics/ Science/Social Studies)	5–8
Music (Choral/Instrumental)	Pre-K–12
Science (Biology/Composite)	9–12
Spanish	Pre-K–12
Special Education	Pre-K–12

## NON-LICENSURE TRACK

Students enrolled in the Division of Teacher Education may choose not to seek a South Carolina educator license. These students, however, will still be required to meet requirements established by the Division of Teacher Education. Students pursuing the non-licensure track will complete their junior and senior field experiences in a local private school.

## UNIVERSITY EDUCATORS ASSOCIATION

The University Educators Association (UEA) is an integral part of the School of Education. The programs and activities are correlated very closely with the emphasis of the individual classes. This organization provides opportunities for all education students to secure leadership training and many professional contacts. Each of the professional education departments appoints representatives to serve as officers, and departmental meetings are part of the UEA programming. All students in the School of Education are urged to become members of UEA.



## Bachelor of Science, **Composite Social Studies Education**

**Sharon E. Wilkie, EdD**  
*Program Coordinator*

<b>Composite Social Studies Education</b>	
<b>Program Summary</b>	
Major .....	72
BJU Core .....	51
<b>Total (minimum).....</b>	<b>123</b>

In conjunction with the School of Education’s commitment to building Christlike character, the Composite Social Studies Education program exists to prepare Christian educators to teach in both public and private secondary schools. It seeks to provide students with a biblical worldview, content knowledge, understanding of diverse learner characteristics, professional and pedagogical knowledge, skills and dispositions, and clinical experiences to help them become effective teachers.

### **PROGRAM LEARNING OUTCOMES**

The student will ...

- Create social studies instruction at the secondary level through the use of cutting-edge technology.
- Create social studies content-based learning that is global in scope and addresses various learning styles, ability levels and diversity among young adolescent learners.
- Plan, implement and differentiate social studies instruction that has a positive effect on the learning and development of adolescent students.
- Generate formal and informal assessment strategies to evaluate and ensure the continuous intellectual, social and physical development of adolescent learners.
- Develop a knowledge base in the ten broad social studies categories (culture and cultural diversity; time, continuity and change; people, places and environment; individual development and identity; global connections; individuals, groups and institutions; power, authority, governance; production, distribution, global connections, civic ideals and practices; science, technology and society; and consumption of goods and services).

## DEGREE COURSES

### Major: 72 credits

Hi 201	United States History to 1865 (3)
Hi 202	United States History from 1865 to the Present (3)
SSP 207	National Government (3)
SSS 200	Introduction to World Cultures (3)
SSS 202	Introduction to Sociology (3)
Ps 200	General Psychology (3)
<i>History Electives (300/400-level) (12)</i>	
<i>Social Science Electives (6)</i>	
Ed 100	Introduction to Education (3)
Ed 201	Theories of Teaching & Learning (3)
Ed 306	Foundations in Reading for Middle School & High School Teachers (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 325	Development: Birth to Adolescence (3)
Ed 342	Teaching Social Studies (9-12) (3)
Ed 345	Behavior Management (3)
Ed 348	Content Area Reading & Writing for High School Teachers (3)
Ed 391	Educator Performance & Evaluation (3)
Ed 499	Clinical Practice (9)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 330	Classroom Communication (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
Ed 200	Foundations in Educational Technology (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 202	United States History 1865 - Present (3)
Hi 101	The Making of the Modern World (3)	FA 125	Christianity & the Arts (3)
Bi 205	OT Literature & Interpretation (3)	Com 101	Fundamentals of Speech (3)
Ed 100	Introduction to Education (3)	Ed 201	Theories of Teaching & Learning (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Second Year

Hi 201	United States History to 1865 (3)	Sc 200	Essential Science (3)
SSP 207	National Government (3)	SSE 200	Foundations of Economics (3)
SSS 200	Introduction to World Cultures (3)	Ps 200	General Psychology (3)
Bi 209	NT Literature & Interpretation (3)	Ed 200	Foundations: Educational Technology (3)
Ed 306	Foundations in Rd for MS & HS (3)	Ed 323	Introduction to Exceptional Learners (3)
<i>English or Writing Elective (3)</i>		<b>Total Credits: 15</b>	
<b>Total Credits: 18</b>			

### Third Year

SSS 202	Introduction to Sociology (3)	Th 360	Bible Doctrines (3)
Th 350	Bible Doctrines (3)	Ed 342	Teaching Social Studies (9-12) (3)
Ph 200	Themes in Western Thought (3)	History Elective (300/400-level) (3)	
Ed 345	Behavior Management (3)	History Elective (300/400-level) (3)	
Ed 391	Educator Performance & Evaluation (3)	<b>Total Credits: 15</b>	
<b>Total Credits: 15</b>			

### Fourth Year

Th 499	Apologetics & Worldview (3)	Ed 348	Content Area Rdg & Writing for HS (3)
Com 330	Classroom Communication (3)	Ed 499	Clinical Practice (9)
Ed 325	Development: Birth to Adolescence (3)	<b>Total Credits: 12</b>	
<i>History Elective (300/400-level) (3)</i>			
<i>Social Science Elective (3)</i>			
<i>Social Science Elective (3)</i>			
<b>Total Credits: 18</b>			

· Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.



## Bachelor of Science, Early Childhood Education

**Dalila T. McCrum, MEd**  
*Program Coordinator*

<b>Early Childhood Education Program Summary</b>	
Major .....	72
BJU Core .....	51
<b>Total (minimum).....</b>	<b>123</b>

In conjunction with the University’s commitment to building Christlike character, the bachelor of science degree in Early Childhood Education exists to prepare Christian educators to be models of learning and life. It seeks to provide students with a biblical worldview, a deep understanding of child growth and development, and the professional knowledge, skills and dispositions needed to create safe and stimulating curriculum and environments for young children in partnership with families and other professionals. The degree is a comprehensive program requiring 72 credits of core coursework that includes embedded field and clinical experiences allowing students to integrate theory, research and practice alongside practicing teachers and other childhood professionals.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Create safe, respectful and stimulating environments for young children based on knowledge of young children’s development, characteristics and needs.
- Design lessons for Pre-K–3 students that include accurate content, appropriate strategies, assessments and materials, and accommodate diverse learning needs.
- Practice the ethical behaviors and professional dispositions expected of BJU early childhood teacher candidates.
- Integrate knowledgeable, reflective, and critical perspectives on early education and their own practices.



## DEGREE COURSES

### Major: 72 credits

Sc 105	Chemical & Physical Science (3)
Ma 109	Essential Mathematics for Teachers (3)
Ma 110	Foundations of Mathematics for Teachers (3)
ESS 205	Health Education & Physical Activity (3)
Ed 100	Introduction to Education (3)
Ed 201	Theories of Teaching & Learning (3)
Ed 250	Foundations in Early Child Care & Education (3)
Ed 258	Family & Community Engagement (3)
Ed 260	Behavior & Development of the Young Child (3)
Ed 305	Foundations in Reading for Early Childhood & Elementary School Teachers (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 352	Early Childhood Curriculum (3)
Ed 353	Instructional Practices of Reading for Early Childhood School Teachers (3)
Ed 354	Teaching Science (Pre-K-3) (3)
Ed 355	Teaching Social Studies (Pre-K-3) (4)
Ed 356	Teaching Language Arts (Pre-K-3) (4)
Ed 357	Teaching Mathematics (Pre-K-3) (4)
Ed 359	Content Area Reading & Writing for Early Childhood School Teachers (3)
Ed 365	Assessment of Reading for Early Childhood & Elementary School Teachers (3)
Ed 391	Educator Performance & Evaluation (3)
Ed 499	Clinical Practice (9)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
Ed 366	Children's Literature (3)
Com 101	Fundamentals of Speech (3)
Com 330	Classroom Communication (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 103	Biological Science (3)
Ed 200	Foundations in Educational Technology (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Sc 103	Biological Science (3)
Sc 105	Chemical & Physical Science (3)	Bi 205	OT Literature & Interpretation (3)
Com 101	Fundamentals of Speech (3)	FA 125	Christianity & the Arts (3)
Ed 100	Introduction to Education (3)	Ed 250	Foundations ECC & Education (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Second Year

Ma 109	Essential Math for Teachers (3)	Ma 110	Foundations of Math for Teachers (3)
Bi 209	NT Literature & Interpretation (3)	Hi 101	The Making of the Modern World (3)
ESS 205	Health Education & Physical Activity (3)	Ed 200	Foundations: Educational Technology (3)
Ed 260	Behavior & Development: Young Child (3)	Ed 201	Theories of Teaching & Learning (3)
Ed 305	Foundations in Rdg for EC & Elem (3)	Ed 323	Introduction to Exceptional Learners (3)
<b>Total Credits: 15</b>		Ed 352	Early Childhood Curriculum (3)
		<b>Total Credits: 18</b>	

### Third Year

Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
Ed 353	Instructional Prac of Rdg for EC (3)	Ed 258	Family & Community Engagement (3)
Ed 355	Teaching Social Studies (Pre-K-3) (4)	Ed 354	Teaching Science (Pre-K-3) (3)
Ed 356	Teaching Language Arts (Pre-K-3) (4)	Ed 357	Teaching Mathematics (Pre-K-3) (4)
Ed 391	Educator Performance & Evaluation (3)	Ed 365	Assessment of Rdg for EC & Elem(3)
<b>Total Credits: 17</b>		<b>Total Credits: 16</b>	

### Fourth Year

SSE 200	Foundations of Economics (3)	Ed 359	Content Area Rdg & Writing for EC (3)
Th 499	Apologetics & Worldview (3)	Ed 499	Clinical Practice (9)
Ph 200	Themes in Western Thought (3)	<b>Total Credits: 12</b>	
Com 330	Classroom Communication (3)		
Ed 366	Children's Literature (3)		
<b>Total Credits: 15</b>			

· Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.



Bachelor of Science, **Elementary Education**

**Tamila T. Jacobs, EdD**  
*Program Coordinator*

<b>Elementary Education Program Summary</b>	
Major .....	64
BJU Core .....	51
Electives .....	5
<b>Total (minimum).....</b>	<b>120</b>

In conjunction with the University’s commitment to building Christlike character, the Elementary Education program exists to prepare Christian educators to be models of learning and life. It provides students with a biblical worldview, content knowledge, understanding of diverse learner characteristics, professional knowledge, skills and dispositions. It provides field experiences to help them become effective elementary teachers in both public and private schools. This program requires 64 credits in the comprehensive major.

**PROGRAM LEARNING OUTCOMES**

- The student will ...
- Apply pedagogical skills to subject content areas.
  - Create lesson plans that include content, strategies and assessments for diverse learners.
  - Teach a lesson plan in an effective manner.
  - Demonstrate professionalism throughout the program.

## DEGREE COURSES

### Major: 64 credits

Sc 105	Chemical & Physical Science (3)
Ma 109	Essential Mathematics for Teachers (3)
Ma 110	Foundations of Mathematics for Teachers (3)
Hi 202	United States History from 1865 to the Present (3)
Ed 100	Introduction to Education (3)
Ed 201	Theories of Teaching & Learning (3)
Ed 305	Foundations in Reading for Early Childhood & Elementary School Teachers (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 325	Development: Birth to Adolescence (3)
Ed 333	Practicum: Grades 2–6 (4)
Ed 360	Teaching Mathematics (2–6) (3)
Ed 361	Teaching Social Studies (2–6) (3)
Ed 362	Instructional Practices of Reading for Elementary School Teachers (3)
Ed 363	Teaching Language Arts (2–6) (3)
Ed 364	Teaching Science (2–6) (3)
Ed 365	Assessment of Reading for Early Childhood & Elementary School Teachers (3)
Ed 367	Content Area Reading & Writing for Elementary School Teachers (3)
Ed 391	Educator Performance & Evaluation (3)
Ed 499	Clinical Practice (9)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
Ed 366	Children's Literature (3)
Com 101	Fundamentals of Speech (3)
Com 330	Classroom Communication (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 103	Biological Science (3)
Ed 200	Foundations in Educational Technology (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

5 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature <sup>1</sup> (3)
En 102	Composition & Rhetoric (3)	Sc 103	Biological Science (3)
Ma 109	Essential Math for Teachers (3)	Ma 110	Foundations of Math for Teachers (3)
Bi 205	OT Literature & Interpretation (3)	Hi 101	The Making of the Modern World (3)
Ed 100	Introduction to Education (3)	Com 101	Fundamentals of Speech (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Second Year

Ed 200	Foundations: Educational Technology (3)	Sc 105	Chemical & Physical Science (3)
Ed 201	Theories of Teaching & Learning (3)	Hi 202	United States History 1865–Present (3)
Ed 323	Introduction to Exceptional Learners (3)	Bi 209	NT Literature & Interpretation (3)
Ed 361	Teaching Social Studies (2–6) (3)	Ed 305	Foundations in Rdg for EC & Elem (3)
	Electives or Minor (3)	Ed 363	Teaching Language Arts (2–6) (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Third Year

Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
FA 125	Christianity & the Arts (3)	Ed 333	Practicum: Grades 2–6 (4)
Ed 325	Development: Birth to Adolescence (3)	Ed 360	Teaching Mathematics (2–6) (3)
Ed 362	Instructional Prac of Rd for Elem (3)	Ed 364	Teaching Science (2–6) (3)
Ed 391	Educator Performance & Evaluation (3)	Ed 365	Assessment of Rdg for EC & Elem (3)
<b>Total Credits: 15</b>		<b>Total Credits: 16</b>	

### Fourth Year

SSE 200	Foundations of Economics (3)	Ed 367	Content Area Rdg & Writing for Elem (3)
Th 499	Apologetics & Worldview (3)	Ed 499	Clinical Practice (9)
Ph 200	Themes in Western Thought (3)	<b>Total Credits: 12</b>	
Com 330	Classroom Communication (3)		
Ed 366	Children's Literature (3)		
	Electives or Minor (2)		
<b>Total Credits: 17</b>			

<sup>1</sup> Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.



## Bachelor of Science, English Education

**Sonia J. Johnson, EdD**  
*Program Coordinator*

<b>English Education Program Summary</b>	
Major .....	66
BJU Core .....	51
Electives .....	3
<b>Total (minimum).....</b>	<b>120</b>

The major in English Education (9th–12th grades) prepares the student for teaching English in public and private high schools. In addition to courses in English content (grammar, writing and literature), the degree offers instruction in adolescent development and education, enabling the student to have a working knowledge of the three aspects of teaching: content, students and pedagogy (the ability to plan and communicate content to the students). This program requires 66 credits in English Language Arts content and education. It aligns with and develops the School of Education’s goals of applying learning, employing educational skills and technology, and developing a distinctly biblical worldview as a Christian teacher.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Exhibit thorough English-related, literacy-based knowledge and skills.
- Design curriculum and educational plans in conjunction with current pedagogical skills.
- Exemplify current pedagogical skills in teaching.
- Value learner diversity.
- Create a biblical worldview declaration for a literacy-based high school English classroom.

## DEGREE COURSES

### Major: 66 credits

En 204	American Literature since 1607 (3)
En 300	Literary Criticism (3)
En 415	Multiethnic Literature (3)
En 508	History of the English Language (3)
En 509	Structure of Modern English (3)
En 516	TESOL Methods (3)
<i>Shakespeare Elective<sup>2</sup> (3)</i>	
· En 411	Shakespeare: Early Plays (3)
· En 412	Shakespeare: Late Plays (3)
Com 211	Expository Writing (3)
<i>Writing Elective<sup>3</sup> (3)</i>	
· Com 222	Fundamentals of Technical Writing (3)
· Com 308	Writing for Digital Advertising (3)
· Com 310	Magazine Writing (3)
· Com 323	Critical Writing (3)
· Com 324	Business Writing (3)
· CW 212	Creative Writing (3)
Ed 100	Introduction to Education (3)
Ed 201	Theories of Teaching & Learning (3)
Ed 306	Foundations in Reading for Middle School & High School Teachers (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 325	Development: Birth to Adolescence (3)
Ed 345	Behavior Management (3)
Ed 346	Teaching English (9-12) (3)
Ed 347	Teaching Adolescent Literature (3)
Ed 348	Content Area Reading & Writing for High School Teachers (3)
Ed 391	Educator Performance & Evaluation (3)
Ed 499	Clinical Practice (9)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>British Literature Elective<sup>1</sup> (3)</i>	
· En 202	British Literature to 1688 (3)
· En 203	British Literature since 1688 (3)
Com 101	Fundamentals of Speech (3)
Com 330	Classroom Communication (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
Ed 200	Foundations in Educational Technology (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

3 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	FA 125	Christianity & the Arts (3)
Hi 101	The Making of the Modern World (3)	Com 101	Fundamentals of Speech (3)
Bi 205	OT Literature & Interpretation (3)	Ed 201	Theories of Teaching and Learning (3)
Ed 100	Introduction to Education (3)		Electives or Minor (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Second Year

SSE 200	Foundations of Economics (3)	Bi 209	NT Literature & Interpretation (3)
Ed 200	Foundations: Educational Technology (3)	Ph 200	Themes in Western Thought (3)
Ed 323	Introduction to Exceptional Learners (3)	Com 211	Expository Writing (3)
Ed 347	Teaching Adolescent Literature (3)	Ed 306	Foundations in Rdg for MS & HS (3)
	British Literature Elective <sup>1</sup> (3)	Ed 325	Development: Birth to Adolescence (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Third Year

En 204	American Literature since 1607 (3)	En 508	History of the English Language (3)
En 300	Literary Criticism (3)	En 516	TESOL Methods (3)
En 509	Structure of Modern English (3)	Th 360	Bible Doctrines (3)
Th 350	Bible Doctrines (3)	Ed 346	Teaching English (9-12) (3)
Ed 345	Behavior Management (3)	Ed 391	Educator Performance & Evaluation (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Fourth Year

En 415	Multiethnic Literature (3)	Ed 348	Content Area Rdg & Writing for HS (3)
Sc 200	Essential Science (3)	Ed 499	Clinical Practice (9)
Th 499	Apologetics & Worldview (3)	<b>Total Credits: 12</b>	
Com 330	Classroom Communication (3)		
	Shakespeare Elective <sup>2</sup> (3)		
	Writing Elective <sup>3</sup> (3)		
<b>Total Credits: 18</b>			

<sup>1</sup> En 202 British Literature to 1688 or En 203 British Literature since 1688

<sup>2</sup> En 411: Shakespeare: Early Plays or En 412: Shakespeare: Late Plays

<sup>3</sup> CW 212 Creative Writing, Com 222 Fundamentals of Technical Writing, Com 308 Writing for Digital Advertising, Com 310 Magazine Writing, Com 323 Critical Writing or Com 324 Business Writing

· Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.



## Bachelor of Science, **Mathematics Education**

**Kathy D. Pilger, EdD**  
*Program Coordinator*

<b>Mathematics Education Program Summary</b>	
Major .....	72
BJU Core .....	51
<b>Total (minimum) .....</b>	<b>123</b>

In conjunction with the Division of Teacher Education’s commitment to build Christlike character, the Bachelor of Science degree in Mathematics Education provides preparation for teaching mathematics on the high school level (grades 9–12). Students will become knowledgeable of mathematical content, have an understanding of student needs and diversity, and develop sound pedagogy (the ability to plan and communicate content to the students). This program requires 72 credits of mathematics content and education which will produce mathematics teachers who are well-rounded, competent, pedagogically skilled and dedicated to their profession.

### **PROGRAM LEARNING OUTCOMES**

- The student will ...
- Present mathematical content within the framework of a biblical worldview.
  - Solve problems in theoretical and applied settings in a variety of mathematical contexts.
  - Progress logically from premises to valid conclusions in a variety of mathematical contexts.
  - Exemplify current pedagogical skills in teaching mathematics.

## DEGREE COURSES

### Major: 72 credits

Ma 105	Trigonometry (3)
Ma 200	Calculus I (4)
Ma 202	Calculus II (4)
Ma 211	Theory of Geometry (3)
Ma 300	Elementary Linear Algebra (3)
Ma 301	Calculus III (4)
Ma 303	Discrete Math (3)
Ma 320	Applied Statistics (3)
Ma 402	Abstract Algebra (3)
Ma 404	Probability & Statistics I (3)
Ma 407	Modern Geometry (3)
Ed 100	Introduction to Education (3)
Ed 201	Theories of Teaching & Learning (3)
Ed 306	Foundations in Reading for Middle School & High School Teachers (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 325	Development: Birth to Adolescence (3)
Ed 343	Teaching Mathematics (9-12) (3)
Ed 345	Behavior Management (3)
Ed 348	Content Area Reading & Writing for High School Teachers (3)
Ed 391	Educator Performance & Evaluation (3)
Ed 499	Clinical Practice (9)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 330	Classroom Communication (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
Ed 200	Foundations in Educational Technology (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Ma 200	Calculus I (4)
Ma 105	Trigonometry (3)	FA 125	Christianity & the Arts (3)
Ma 211	Theory of Geometry (3)	Com 101	Fundamentals of Speech (3)
Bi 205	OT Literature & Interpretation (3)	Ed 100	Introduction to Education (3)
<b>Total Credits: 15</b>		<b>Total Credits: 16</b>	

### Second Year

Ma 202	Calculus II (4)	Ma 301	Calculus III (4)
Ma 300	Elementary Linear Algebra (3)	Ma 320	Applied Statistics (3)
Bi 209	NT Literature & Interpretation (3)	Hi 101	The Making of the Modern World (3)
Ed 200	Foundations: Educational Technology (3)	Ed 323	Introduction to Exceptional Learners (3)
Ed 201	Theories of Teaching & Learning (3)	<i>English or Writing Elective (3)</i>	
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

### Third Year

Ma 404	Probability & Statistics I (3)	Sc 200	Essential Science (3)
Th 350	Bible Doctrines (3)	Ma 303	Discrete Math (3)
Ph 200	Themes in Western Thought (3)	Th 360	Bible Doctrines (3)
Com 330	Classroom Communication (3)	Ed 306	Foundations in Rdg for MS & HS (3)
Ed 345	Behavior Management (3)	Ed 325	Development: Birth to Adolescence (3)
<b>Total Credits: 15</b>		Ed 343	Teaching Mathematics (9-12) (3)
		<b>Total Credits: 18</b>	

### Fourth Year

Ma 402	Abstract Algebra (3)	Ed 348	Content Area Rdg & Writing for HS (3)
Ma 407	Modern Geometry (3)	Ed 499	Clinical Practice (9)
SSE 200	Foundations of Economics (3)	<b>Total Credits: 12</b>	
Th 499	Apologetics & Worldview (3)		
Ed 391	Educator Performance & Evaluation (3)		
<b>Total Credits: 15</b>			

· Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.



**Bachelor of Science, Middle School Education**

**Sonia L. Johnson, EdD**  
*Program Coordinator*

<b>Middle School Education (Language Arts) Program Summary</b>	
Major .....	57
BJU Core .....	51
Electives .....	12
<b>Total (minimum).....</b>	<b>120</b>

In conjunction with the School of Education’s commitment to building Christlike character, the Middle School Education program provides preparation and practical experience for teaching in the middle school (grades 5–8). It focuses on producing concerned and clear-thinking teachers who develop fresh, original lessons.

**PROGRAM LEARNING OUTCOMES**

The student will ...

- Work collaboratively with families, community, colleagues and other partners.
- Design lessons with assessments that address variation in learning styles, developmental levels, ability levels and diversity among young adolescent learners.
- Apply the central concepts, tools of inquiry, standards and structures of content in their chosen teaching fields.
- Describe the major concepts and principles underlying foundations of middle level education.



## DEGREE COURSES

### Major: 57 credits

En 204	American Literature since 1607 (3)
En 415	Multiethnic Literature (3)
En 509	Structure of Modern English (3)
<i>English Electives (3)</i>	
Hi 201	United States History to 1865 (3)
Ed 100	Introduction to Education (3)
Ed 201	Theories of Teaching & Learning (3)
Ed 306	Foundations in Reading for Middle School & High School Teachers (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 325	Development: Birth to Adolescence (3)
Ed 345	Behavior Management (3)
Ed 347	Teaching Adolescent Literature (3)
Ed 376	Teaching English (5–8) (3)
Ed 378	Content Area Reading & Writing for Middle School Teachers (3)
Ed 379	Middle School: Curriculum & Organization (3)
Ed 391	Educator Performance & Evaluation (3)
Ed 499	Clinical Practice (9)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
En 203	British Literature since 1688 (3)
Com 101	Fundamentals of Speech (3)
Com 330	Classroom Communication (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
Ed 200	Foundations in Educational Technology (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

12 credits and/or select a minor

## SUGGESTED SCHEDULE (Language Arts)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 101	The Making of the Modern World (3)
Bi 205	OT Literature & Interpretation (3)	Ph 200	Themes in Western Thought (3)
Com 101	Fundamentals of Speech (3)	FA 125	Christianity & the Arts (3)
Ed 100	Introduction to Education (3)	Ed 201	Theories of Teaching & Learning (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Second Year

En 203	British Literature since 1688 (3)	Sc 200	Essential Science (3)
SSE 200	Foundations of Economics (3)	Ed 200	Foundations: Educational Technology (3)
Bi 209	NT Literature & Interpretation (3)	Ed 306	Foundations in Rdg for MS & HS (3)
Ed 347	Teaching Adolescent Literature (3)	Ed 323	Introduction to Exceptional Learners (3)
	Electives or Minor (3)		Electives or Minor (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Third Year

En 204	American Literature since 1607 (3)	Th 360	Bible Doctrines (3)
Th 350	Bible Doctrines (3)	Ed 376	Teaching English (5–8) (3)
Com 330	Classroom Communications (3)	Ed 391	Educator Performance & Evaluation (3)
Ed 345	Behavior Management (3)		English Elective (3)
Ed 379	MS: Curriculum & Organization (3)		Electives or Minor (6)
<b>Total Credits: 15</b>		<b>Total Credits: 18</b>	

### Fourth Year

En 415	Multiethnic Literature (3)	Ed 378	Content Area Rdg & Writing for MS (3)
En 509	Structure of Modern English (3)	Ed 499	Clinical Practice (9)
Hi 201	United States History to 1865 (3)	<b>Total Credits: 12</b>	
Th 499	Apologetics & Worldview (3)		
Ed 325	Development: Birth to Adolescence (3)		
<b>Total Credits: 15</b>			

- Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program

### Middle School Education (Mathematics) Program Summary

Major .....	57
BJU Core .....	57
Electives.....	12
<b>Total (minimum).....</b>	<b>120</b>

### DEGREE COURSES

#### Major: 57 credits

Ma 103	College Algebra (3)
Ma 105	Trigonometry (3)
Ma 109	Essential Mathematics for Teachers (3)
Ma 110	Foundations of Mathematics for Teachers (3)
Ma 211	Theory of Geometry (3)
Ma 320	Applied Statistics (3)
Ed 100	Introduction to Education (3)
Ed 201	Theories of Teaching & Learning (3)
Ed 306	Foundations in Reading for Middle School & High School Teachers (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 325	Development: Birth to Adolescence (3)
Ed 345	Behavior Management (3)
Ed 373	Teaching Mathematics (5-8) (3)
Ed 378	Content Area Reading & Writing for Middle School Teachers (3)
Ed 379	Middle School: Curriculum & Organization (3)
Ed 391	Educator Performance & Evaluation (3)
Ed 499	Clinical Practice (9)

#### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 330	Classroom Communication (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
Ed 200	Foundations in Educational Technology (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

Electives:  
12 credits and/or select a minor

### SUGGESTED SCHEDULE (Mathematics)

#### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Ma 110	Foundations of Math for Teachers (3)
Ma 109	Essential Math for Teachers (3)	Hi 101	The Making of the Modern World (3)
Bi 205	OT Literature & Interpretation (3)	FA 125	Christianity & the Arts (3)
Ed 100	Introduction to Education (3)	Com 101	Fundamentals of Speech (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

#### Second Year

Ma 103	College Algebra (3)	Ma 105	Trigonometry (3)
Bi 209	NT Literature & Interpretation (3)	Ed 200	Foundations: Educational Technology (3)
Ph 200	Themes in Western Thought (3)	Ed 306	Foundations in Rdg for MS & HS (3)
Ed 201	Theories of Teaching & Learning (3)	Ed 323	Introduction to Exceptional Learners (3)
	Electives or Minor (3)		Electives or Minor (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

#### Third Year

Ma 211	Theory of Geometry (3)	Ma 320	Applied Statistics (3)
Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
Ed 345	Behavior Management (3)	Com 330	Classroom Communications (3)
Ed 379	MS: Curriculum & Organization (3)	Ed 373	Teaching Mathematics (5-8) (3)
	English or Writing Elective (3)	Ed 391	Educator Performance & Evaluation (3)
<b>Total Credits: 15</b>		Electives or Minor (3)	
		<b>Total Credits: 18</b>	

#### Fourth Year

Sc 200	Essential Science (3)	Ed 378	Content Area Rdg & Writing for MS (3)
SSE 200	Foundations of Economics (3)	Ed 499	Clinical Practice (9)
Th 499	Apologetics & Worldview (3)	<b>Total Credits: 12</b>	
Ed 325	Development: Birth to Adolescence (3)		
	Electives or Minor (3)		
<b>Total Credits: 15</b>			

Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program

## Middle School Education (Science) Program Summary

Major .....	63
BJU Core .....	52
Electives .....	5
<b>Total (minimum).....</b>	<b>124</b>

## DEGREE COURSES

### Major: 63 credits

Sc 207	General Geology (3)
Bio 101	General Biology II (4)
Bio 300	Evolution & Orgins (3)
Chm 103	General Chemistry I (4)
Phy 101	Introductory Physics (4)
<i>Astronomy Elective (3)</i>	
Ma 110	Foundations of Mathematics for Teachers (3)
Ed 100	Introduction to Education (3)
Ed 201	Theories of Teaching & Learning (3)
Ed 306	Foundations in Reading for Middle School & High School Teachers (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 325	Development: Birth to Adolescence (3)
Ed 345	Behavior Management (3)
Ed 374	Teaching Natural Science (5-8) (3)
Ed 378	Content Area Reading & Writing for Middle School Teachers (3)
Ed 379	Middle School: Curriculum & Organization (3)
Ed 391	Educator Performance & Evaluation (3)
Ed 499	Clinical Practice (9)

### BJU Core: 52 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 330	Classroom Communication (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Bio 100	General Biology I (4)
Ed 200	Foundations in Educational Technology (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

5 credits and/or select a minor

## SUGGESTED SCHEDULE (Science)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 101	General Biology II (4)
Bio 100	General Biology I (4)	Ma 110	Foundations of Math for Teachers (3)
Com 101	Fundamentals of Speech (3)	Bi 205	OT Literature & Interpretation (3)
Ed 100	Introduction to Education (3)	FA 125	Christianity & the Arts (3)
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

### Second Year

Chm 103	General Chemistry I (4)	Hi 101	The Making of the Modern World (3)
Bi 209	NT Literature & Interpretation (3)	Ph 200	Themes in Western Thought (3)
Ed 323	Introduction to Exceptional Learners (3)	Ed 200	Foundations: Educational Technology (3)
	Astronomy Elective (3)	Ed 306	Foundations in Rdg for MS & HS (3)
	Electives or Minor (3)		English or Writing Elective (3)
<b>Total Credits: 16</b>		<b>Total Credits: 15</b>	

### Third Year

Phy 101	Introductory Physics (4)	Sc 207	General Geology (3)
Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
Ed 345	Behavior Management (3)	Com 330	Classroom Communications (3)
Ed 379	MS: Curriculum & Organization (3)	Ed 201	Theories of Teaching & Learning (3)
Ed 391	Educator Performance & Evaluation (3)	Ed 374	Teaching Natural Science (5-8) (3)
<b>Total Credits: 16</b>		<b>Total Credits: 15</b>	

### Fourth Year

Bio 300	Evolution & Orgins (3)	Ed 378	Content Area Rdg & Writing for MS (3)
SSE 200	Foundations of Economics (3)	Ed 499	Clinical Practice (9)
Th 499	Apologetics & Worldview (3)	<b>Total Credits: 12</b>	
Ed 325	Development: Birth to Adolescence (3)		
	Electives or Minor (2)		
<b>Total Credits: 14</b>			

Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program

### Middle School Education (Social Studies) Program Summary

Major	63
BJU Core	51
Electives	6
<b>Total (minimum)</b>	<b>120</b>

## DEGREE COURSES

### Major: 63 credits

Hi 201	United States History to 1865 (3)
Hi 202	United States History from 1865 to the Present (3)
SSP 207	National Government (3)
SSP 208	State & Local Government (3)
SSS 200	Introduction to World Cultures (3)
<i>History or Social Studies Elective (6)</i>	
Ed 100	Introduction to Education (3)
Ed 201	Theories of Teaching & Learning (3)
Ed 306	Foundations in Reading for Middle School & High School Teachers (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 325	Development: Birth to Adolescence (3)
Ed 345	Behavior Management (3)
Ed 347	Teaching Adolescent Literature (3)
Ed 372	Teaching Social Studies (5-8) (3)
Ed 378	Content Area Reading & Writing for Middle School Teachers (3)
Ed 379	Middle School Curriculum & Organization (3)
Ed 391	Educator Performance & Evaluation (3)
Ed 499	Clinical Practice (9)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 330	Classroom Communication (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
Ed 200	Foundations in Educational Technology (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

Electives:  
6 credits and/or select a minor

## SUGGESTED SCHEDULE (Social Studies)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 202	United States History 1865 - Present (3)
Hi 101	The Making of the Modern World (3)	FA 125	Christianity & the Arts (3)
Bi 205	OT Literature & Interpretation (3)	Ed 100	Introduction to Education (3)
Com 101	Fundamentals of Speech (3)	Ed 201	Theories of Teaching & Learning (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Second Year

Hi 201	United States History to 1865 (3)	SSE 200	Foundations of Economics (3)
SSP 207	National Government (3)	SSP 208	State & Local Government (3)
Bi 209	NT Literature & Interpretation (3)	Ed 323	Introduction to Exceptional Learners (3)
Ph 200	Themes in Western Thought (3)	English or Writing Elective (3)	
Ed 200	Foundations: Educational Technology (3)	Electives or Minor (3)	
Ed 306	Foundations in Rdg for MS & HS (3)	<b>Total Credits: 15</b>	
<b>Total Credits: 18</b>			

### Third Year

SSS 200	Introduction to World Cultures (3)	Th 360	Bible Doctrines (3)
Th 350	Bible Doctrines (3)	Ed 325	Development: Birth to Adolescence (3)
Com 330	Classroom Communication (3)	Ed 372	Teaching Social Studies (5-8) (3)
Ed 345	Behavior Management (3)	Ed 391	Educator Performance & Evaluation (3)
Ed 379	MS: Curriculum & Organization (3)	Electives or Minor (3)	
<b>Total Credits: 16</b>		<b>Total Credits: 15</b>	

### Fourth Year

Sc 200	Essential Science (3)	Ed 378	Content Area Rdg & Writing for MS (3)
Th 499	Apologetics & Worldview (3)	Ed 499	Clinical Practice (9)
Ed 347	Teaching Adolescent Literature (3)	<b>Total Credits: 12</b>	
History or Social Studies Elective (3)			
History or Social Studies Elective (3)			
<b>Total Credits: 15</b>			

Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.





## Bachelor of Science, **Science Education**

**Bradley R. Batdorf, EdD**  
*Program Coordinator*

The Science Education program endeavors to prepare students to become science teachers for grades 9–12. Courses for the major are offered in the Division of Natural Science in the College of Arts and Science as well as the Division of Teacher Education in the School of Education. The program is committed to preparing the science teacher to enter the classroom with a thorough knowledge of science as well as the ability to teach science from a biblical worldview.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Present the content in science within the framework of a biblical worldview.
- Design lessons that incorporate scientific concepts and principles to diverse students, using a variety of appropriate instructional strategies.
- Plan and conduct inquiry-based exercises that demonstrate adequate safety procedures and the ethical treatment of living organisms, where appropriate.
- Develop inquiry and higher order thinking skills in their students as they examine scientific processes and apply them to their daily lives.
- Make use of technology, mathematics and research in their own study of and teaching of science.

## Science Education (Biology) Program Summary

Major .....	71
BJU Core .....	52
<b>Total (minimum).....</b>	<b>123</b>

## DEGREE COURSES

### Major: 71 credits

Sc 201	Science: Impact on Society (3)
Bio 101	General Biology II (4)
Bio 208	Organismal Biology I (3)
Bio 209	Organismal Biology II (3)
Bio 300	Evolution & Origins (3)
Bio 305	Essentials of Cell Biology (4)
Bio 330	Biostatistics (3)
<i>Biology Elective (4)</i>	
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Ed 100	Introduction to Education (3)
Ed 201	Theories of Teaching & Learning (3)
Ed 306	Foundations in Reading for MS & HS Teachers (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 325	Development: Birth to Adolescence (3)
Ed 344	Teaching Natural Science (9–12) (3)
Ed 345	Behavior Management (3)
Ed 348	Content Area Reading & Writing for High School Teachers (3)
Ed 391	Educator Performance & Evaluation (3)
Ed 499	Clinical Practice (9)

### BJU Core: 52 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 330	Classroom Communications (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Bio 100	General Biology I (4)
Ed 200	Foundations in Educational Technology (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

## SUGGESTED SCHEDULE (Biology)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 101	General Biology II (4)
Bio 100	General Biology I (4)	FA 125	Christianity & the Arts (3)
Hi 101	The Making of the Modern World (3)	Com 101	Fundamentals of Speech (3)
Bi 205	OT Literature & Interpretation (3)	Ed 100	Introduction to Education (3)
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

### Second Year

Bio 208	Organismal Biology I (3)	Bio 209	Organismal Biology II (3)
Chm 103	General Chemistry I (4)	Chm 104	General Chemistry II (4)
Bi 209	NT Literature & Interpretation (3)	Ed 200	Foundations: Educational Technology (3)
Ed 201	Theories of Teaching & Learning (3)		English or Writing Elective (3)
Ed 323	Introduction to Exceptional Learners (3)	<b>Total Credits: 13</b>	
<b>Total Credits: 16</b>			

### Third Year

Bio 300	Evolution & Origins (3)	Sc 201	Science: Impact on Society (3)
Bio 305	Essentials of Cell Biology (4)	Th 360	Bible Doctrines (3)
Th 350	Bible Doctrines (3)	Ed 306	Foundations in Rdg for MS & HS (3)
Ph 200	Themes in Western Thought (3)	Ed 344	Teaching Natural Science (9–12) (3)
Ed 345	Behavior Management (3)		Biology Elective (4)
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

### Fourth Year

Bio 330	Biostatistics (3)	Ed 348	Content Area Rdg & Writing for HS (3)
SSE 200	Foundations of Economics (3)	Ed 499	Clinical Practice (9)
Th 499	Apologetics & Worldview (3)	<b>Total Credits: 12</b>	
Com 330	Classroom Communication (3)		
Ed 325	Development: Birth to Adolescent (3)		
Ed 391	Educator Performance & Evaluation (3)		
<b>Total Credits: 18</b>			

- Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.

## Science Education (Composite Science) Program Summary

Major .....	75
BJU Core .....	52
<b>Total (minimum).....</b>	<b>127</b>

## DEGREE COURSES

### Major: 75 credits

Sc 201	Science: Impact on Society (3)
Sc 207	General Geology (3)
Bio 101	General Biology II (4)
Bio 203	Biological Diversity (4)
Bio 300	Evolution & Origins (3)
Bio 330	Biostatistics (3)
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Phy 101	Introductory Physics (4)
Phy 102	Intermediate Physics (4)
<i>Astronomy Elective (3)</i>	
Ed 100	Introduction to Education (3)
Ed 201	Theories of Teaching & Learning (3)
Ed 306	Foundations in Reading for MS & HS Teachers (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 325	Development: Birth to Adolescence (3)
Ed 344	Teaching Natural Science (9–12) (3)
Ed 345	Behavior Management (3)
Ed 348	Content Area Reading & Writing for High School Teachers (3)
Ed 391	Educator Performance & Evaluation (3)
Ed 499	Clinical Practice (9)

### BJU Core: 52 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 330	Classroom Communication (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Bio 100	General Biology I (4)
Ed 200	Foundations in Educational Technology (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

## SUGGESTED SCHEDULE (Composite Science)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 101	General Biology II (4)
Bio 100	General Biology I (4)	Com 101	Fundamentals of Speech (3)
Hi 101	The Making of the Modern World (3)	Ed 100	Introduction to Education (3)
Bi 205	OT Literature & Interpretation (3)	<b>Total Credits: 13</b>	
<b>Total Credits: 16</b>			

### Second Year

Chm 103	General Chemistry I (4)	Sc 207	General Geology (3)
Bi 209	NT Literature & Interpretation (3)	Chm 104	General Chemistry II (4)
Ed 201	Theories of Teaching & Learning (3)	FA 125	Christianity & the Arts (3)
	Astronomy Elective (3)	Ed 200	Foundations: Educational Technology (3)
	English or Writing Elective (3)	Ed 323	Introduction to Exceptional Learners (3)
<b>Total Credits: 16</b>			

### Third Year

Bio 300	Evolution & Origins (3)	Bio 203	Biological Diversity (4)
Phy 101	Introductory Physics (4)	Phy 102	Intermediate Physics (4)
Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
Com 330	Classroom Communication (3)	Ph 200	Themes in Western Thought (3)
Ed 325	Development: Birth to Adolescence (3)	Ed 344	Teaching Natural Science (9–12) (3)
Ed 345	Behavior Management (3)	<b>Total Credits: 17</b>	
<b>Total Credits: 19</b>			

### Fourth Year

Sc 201	Science: Impact on Society (3)	Ed 348	Content Area Rdg & Writing for HS (3)
Bio 330	Biostatistics (3)	Ed 499	Clinical Practice (9)
SSE 200	Foundations of Economics (3)	<b>Total Credits: 12</b>	
Th 499	Apologetics & Worldview (3)		
Ed 306	Foundations in Rdg for MS & HS (3)		
Ed 391	Educator Performance & Evaluation (3)		
<b>Total Credits: 18</b>			

- Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.





## Bachelor of Science, **Spanish Education**

**M. Amos Kasperek, PhD**  
*Program Coordinator*

### Spanish Education Program Summary

Major .....	69
BJU Core .....	51
<b>Total (minimum).....</b>	<b>120</b>

### DEGREE COURSES

*Major: 69 credits*

Spn 241	Intermediate Spanish I (3)
Spn 242	Intermediate Spanish II (3)
Spn 330	Spanish Conversation (3)
Spn 331	Spanish Grammar & Composition (3)
Spn 442	Introduction to Spanish Linguistics (3)
Spn 479	Spanish Capstone Seminar <sup>1</sup> (1)

In support of the Division of Teacher Education's mission to prepare Christian educators, the Spanish Education program prepares students to communicate in Spanish at the Advanced level and equips them to be effective teachers of Spanish in both public and private schools. In addition to courses in Spanish language, literature and civilization, study abroad opportunities are available.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Communicate in Spanish at the Advanced level in the interpersonal mode.
- Communicate in Spanish at the Advanced level in the presentational mode.
- Understand Spanish at the Advanced level in the interpretive mode.
- Evaluate Hispanic cultures from a biblical worldview.
- Create and implement standards-based unit plans that are engaging and effective.

**Spanish Civilization Elective<sup>2</sup> (3)**

- Spn 343 Civilization of Latin America (3)
- Spn 344 Civilization of Spain (3)

**Spanish Literature Elective<sup>3</sup> (3)**

- Spn 480 Survey of Spanish Literature (3)
- Spn 481 Spanish-American Literature (3)
- Spn 490 Special Topics in Hispanic Literature (3)

**Spanish Elective (300/400-level) (14)**

- Ed 100 Introduction to Education (3)
- Ed 201 Theories of Teaching & Learning (3)
- Ed 323 Introduction to Exceptional Learners (3)
- Ed 325 Development: Birth to Adolescence (3)
- Ed 338 Teaching World Languages (Pre-K-8) (3)
- Ed 341 Teaching World Languages (9-12) (3)
- Ed 391 Educator Performance & Evaluation (3)
- Ed 499 Clinical Practice (9)
- Content Area Reading & Writing Elective (3)<sup>4</sup>**
  - Ed 348 Content Area Reading & Writing for High School Teachers (3)
  - Ed 359 Content Area Reading & Writing for Early Childhood School Teachers (3)
  - Ed 367 Content Area Reading & Writing for Elementary School Teachers (3)
  - Ed 378 Content Area Reading & Writing for Middle School Teachers (3)

**BJU Core: 51 credits**

- Bi 205 Old Testament Literature & Interpretation (3)
- Bi 209 New Testament Literature & Interpretation (3)
- Th 350 Bible Doctrines (3)
- Th 360 Bible Doctrines (3)
- Th 499 Apologetics & Worldview (3)
- En 102 Composition & Rhetoric (3)
- En 103 Composition & Literature (3)
- English or Writing Elective (3)**
- Com 101 Fundamentals of Speech (3)
- Com 330 Classroom Communication (3)
- Uni 101 Pathways (3)
- Hi 101 The Making of the Modern World (3)
- SSE 200 Foundations of Economics (3)
- Sc 200 Essential Science (3)
- Ed 200 Foundations in Educational Technology (3)
- Ph 200 Themes in Western Thought (3)
- FA 125 Christianity & the Arts (3)

**SUGGESTED SCHEDULE****First Year**

Spn 101 Pathways (3)	En 103 Composition & Literature (3)
En 102 Composition & Rhetoric (3)	Spn 242 Intermediate Spanish II (3)
Spn 241 Intermediate Spanish I (3)	Hi 101 The Making of the Modern World (3)
Bi 205 OT Literature & Interpretation (3)	FA 125 Christianity & the Arts (3)
Ed 100 Introduction to Education (3)	Com 101 Fundamentals of Speech (3)
<b>Total Credits: 15</b>	<b>Total Credits: 15</b>

**Second Year**

Spn 331 Spanish Grammar & Composition (3)	Spn 330 Spanish Conversation (3)
Bi 209 NT Literature & Interpretation (3)	Ph 200 Themes in Western Thought (3)
Ed 201 Theories of Teaching & Learning (3)	Ed 200 Foundations: Educational Technology (3)
English or Writing Elective (3)	Ed 323 Introduction to Exceptional Learners (3)
Spanish Literature Elective <sup>3</sup> (3)	Spanish Civilization Elective <sup>2</sup> (3)
<b>Total Credits: 15</b>	<b>Total Credits: 15</b>

**Third Year**

Spn 442 Introduction to Spanish Linguistics (3)	Sc 200 Essential Science (3)
SSE 200 Foundations of Economics (3)	Th 360 Bible Doctrines (3)
Th 350 Bible Doctrines (3)	Com 330 Classroom Communication (3)
Ed 325 Development: Birth to Adolescence (3)	Spanish Elective (300/400-level) (2)
Ed 338 Teaching World Languages (Pre-K-8) (3)	Spanish Elective (300/400-level) (3)
<b>Total Credits: 15</b>	Spanish Elective (300/400-level) (3)
	<b>Total Credits: 17</b>

**Fourth Year**

Spn 479 Spanish Capstone Seminar <sup>1</sup> (1)	Ed 499 Clinical Practice (9)
Th 499 Apologetics & Worldview (3)	Content Area Reading & Writing <sup>4</sup> (3)
Ed 341 Teaching World Languages (9-12) (3)	<b>Total Credits: 12</b>
Ed 391 Educator Performance & Evaluation (3)	
Spanish Elective (300/400-level) (3)	
Spanish Elective (300/400-level) (3)	
<b>Total Credits: 16</b>	

<sup>1</sup> Students must take the Oral Proficiency Interview (OPI) examination in partial fulfillment of the requirements of this course. Candidates must attain the Advanced level on the OPI exam in order to pass the course. Candidates who receive an Intermediate High rating will pass the course only if they complete the Division Remedial Program and demonstrate consistently the ability to perform at the Advanced Level in all three modes of communication.

<sup>2</sup> Spn 343 Civilization of Latin America or Spn 344 Civilization of Spain

<sup>3</sup> Spn 480 Survey of Spanish Literature, Spn 481 Spanish-American Literature or Spn 490 Special Topics in Hispanic Literature

<sup>4</sup> Ed 348 Content Area Reading & Writing for HS Teachers, Ed 359 Content Area Reading & Writing for Early Childhood School Teachers, Ed 367 Content Area Reading & Writing for ES Teachers or Ed 378

· Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.



## Bachelor of Science, **Special Education**

**Marlene L. Reed, MS**  
*Program Coordinator*

<b>Special Education Program Summary</b>	
Major .....	75
BJU Core .....	51
<b>Total (minimum)</b> .....	<b>126</b>

In conjunction with the Teacher Education Division’s commitment to prepare Christian educators to be models of learning and life, the Special Education Program provides initial preparation in teaching learners in grades Pre-K-12 with mild to moderate disabilities in general and special educations settings. Program coursework focuses on foundations and legal aspects of the profession, characteristics of the learner, learner differences and identification of learners with mild to moderate disabilities (i.e., primarily learning disabilities, emotional disabilities, and intellectual development disabilities), procedures for special education planning, developing whole group and remedial lesson plans, teaching strategies, implementing progress monitoring in a learning environment, implementing behavior management strategies in a learning environment, creating assistive or instructional technology devices to enhance student learning, professional ethical practices, and collaboration with special educations, family members, and other professionals during an individualized education program (IEP) meeting. Additionally, three specific special education field experiences at incremental levels of preparation are embedded in three specific special education courses to provide students opportunities to apply concepts in various instructional settings with students who have various disabilities.

### **PROGRAM LEARNING OUTCOMES**

The student will ...

- Administer appropriate types of assessments and use knowledge of measurement principles and practices to interpret assessment results and guide educational decisions for individuals with exceptionalities.
- Create a lesson plan using technology to support instructional assessment, planning, and delivery of instruction and to promote mastery and generalization of learning.
- Use the theory and elements of effective collaboration to promote the wellbeing of individuals with exceptionalities across a wide range of educational settings and collaborators.

## DEGREE COURSES

### Major: 75 credits

Sc 105	Chemical & Physical Science (3)
Ma 109	Essential Mathematics for Teachers (3)
Ma 110	Foundations of Mathematics for Teachers (3)
CD 206	Introduction to Communication Disorders (3)
Ed 100	Introduction to Education (3)
Ed 201	Theories of Teaching & Learning (3)
Ed 258	Family & Community Engagement (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 325	Development: Birth to Adolescence (3)
Ed 305	Foundations in Reading for Early Childhood & Elementary School Teachers (3)
Ed 362	Instructional Practices of Reading for Elementary School Teachers (3)
Ed 365	Assessment in Reading for Early Childhood & Elementary School Teachers (3)
Ed 367	Content Area Reading & Writing for Elem School Teachers (3)
Ed 499	Clinical Practice (9)
Exc 311	Characteristics: Emotional Disabilities (3)
Exc 312	Characteristics: Learning Disabilities (3)
Exc 313	Characteristics: Intellectual & Developmental Disabilities (3)
Exc 322	Materials & Methods: Mild Disabilities (3)
Exc 323	Educational Procedures: Mild Disabilities (4)
Exc 359	Assessment in Special Education (4)
Exc 451	Teaching Math: Mild Disabilities (3)
Exc 453	Behavior Management (4)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 330	Classroom Communication (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 103	Biological Science (3)
Ed 200	Foundations in Educational Technology (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Sc 103	Biological Science (3)
Hi 101	The Making of the Modern World (3)	Ma 110	Foundations of Math for Teachers (3)
Bi 205	OT Literature & Interpretation (3)	Com 101	Fundamentals of Speech (3)
FA 125	Christianity & the Arts (3)	Ed 201	Theories of Teaching & Learning (3)
Ed 100	Introduction to Education (3)	<b>Total Credits: 15</b>	

### Second Year

Sc 105	Chemical & Physical Science (3)	CD 206	Into to Communication Disorders (3)
Ma 109	Essential Math for Teachers (3)	Ed 200	Foundations: Educational Technology (3)
Bi 209	NT Literature & Interpretation (3)	Ed 305	Foundations in Rdg for EC & Tlem (3)
Ed 323	Introduction to Exceptional Learners (3)	Exc 311	Char: Emotional Disabilities (3)
Ed 325	Development: Birth to Adolescence (3)	Exc 323	Educational Procedures: Mild Disab (4)
<i>English or Writing Elective (3)</i>		<b>Total Credits: 16</b>	

### Third Year

Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
Ed 362	Instructional Prac of Rd for Elem (3)	Ed 258	Family & Community Engagement (3)
Exc 312	Characteristics: Learning Disabilities (3)	Ed 365	Assessment of Rdg for EC & Elem (3)
Exc 322	Materials & Methods: Mild Disabilities (3)	Exc 451	Teaching Math: Mild Disabilities (3)
Exc 359	Assessment in Special Education (4)	Exc 453	Behavior Management (4)
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

### Fourth Year

SSE 200	Foundations of Economics (3)	Ed 367	Content Area Rdg & Writing for Elem (3)
Th 499	Apologetics & Worldview (3)	Ed 499	Clinical Practice (9)
Ph 200	Themes in Western Thought (3)	<b>Total Credits: 12</b>	
Com 330	Classroom Communication (3)		
Exc 313	Char: Intell & Develmental Disabilities (3)		
<b>Total Credits: 15</b>			

Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.

# DIVISION OF EDUCATIONAL, CHILD & FAMILY STUDIES

The Division of Educational, Child and Family Studies courses are offered in this division for students who must complete the degree requirements for the Bachelor of Science degree in Child Development or Educational Studies or the Associate of Science degree in Child Growth and Development. The degree programs in this division do not lead to any certifications or state licensure.

## PURPOSE

In conjunction with the University's commitment to build Christlike character, the Division of Educational, Child and Family Studies exists to prepare graduates for occupations or further study in education or related fields. It seeks to provide students with a biblical worldview, content knowledge, understanding of diverse learner characteristics, professional knowledge, skills and dispositions and service learning/field experiences to help them become effective leaders in non-traditional education and community settings.

## GOALS

The student will ...

- Demonstrate a knowledge of learning theories by appropriately applying them to practice.
- Explain the impact diversity has on children, youth and families.
- Demonstrate professional and ethical behavior.



**Julie N. Hartman, PhD**  
*Chair*

## Associate of Science, **Child Growth & Development**

**Connie C. Collins, MEd**  
Program Coordinator

### Child Growth & Development Program Summary

Major .....	30
BJU Core .....	27
Electives .....	3
<b>Total (minimum).....</b>	<b>60</b>

### DEGREE COURSES

#### Major: 30 credits

Ed 200	Foundations in Educational Technology (3)
Ed 250	Foundations in Early Child Care & Education (3)
Ed 251	Child Health, Safety & Nutrition (3)
Ed 258	Family & Community Engagement (3)
Ed 260	Behavior & Development of the Young Child (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 352	Early Childhood Curriculum (3)
ECF 141	Behavior & Development of Infants & Toddlers (3)
ECF 200	Emergent Literacy (Birth to 5 Years) (3)
ECF 252	Field Experience: Preschool (3)

#### BJU Core: 27 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
En 102	Composition & Rhetoric (3)
<i>English Composition (3)</i>	
Com 101	Fundamentals of Speech (3)
Uni 101	Pathways (3)
<i>Mathematics or Science Elective (3)</i>	
SSE 200	Foundations of Economics (3)
FA 125	Christianity & the Arts (3)

#### Electives:

3 credits

In conjunction with the University's commitment to building Christlike character, the Associate of Science degree in Child Growth and Development exists to prepare students to work with young children and families in church ministries as well as public, private and home-based child development centers. It seeks to provide students with a biblical worldview, a strong foundation in child growth and development, and skills in creating nurturing environments and appropriate experiences for young children. The degree requires 30 credits of core coursework with field experiences that are designed to help students gain real-world experience working with young children and families alongside teachers and other childhood professionals. The degree does not lead to state-endorsed teacher licensure.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Apply knowledge of child growth and development to create healthy and supportive environments for young children.
- Create effective plans, experiences and materials for preschool instruction
- Create effective experiences and materials to support infant/toddler children's growth and development
- Provide appropriate care of young children (birth to age 8) in accordance with legal and ethical guidelines.

### SUGGESTED SCHEDULE

#### First Year

Uni 101	Pathways (3)	En 102	Composition & Rhetoric (3)
Bi 205	OT Literature & Interpretation (3)	FA 125	Christianity & the Arts (3)
Com 101	Fundamentals of Speech (3)	Ed 200	Foundations: Educational Technology (3)
ECF 141	Behavior/Devel of Infants/Toddlers (3)	Ed 250	Foundations in ECC & Education (3)
	English Composition (3)	Ed 251	Child Health, Safety & Nutrition (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

#### Second Year

Bi 209	NT Literature & Interpretation (3)	SSE 200	Foundations of Economics (3)
Ed 260	Behavior & Development: Young Child (3)	Ed 258	Family & Community Engagement (3)
Ed 352	Early Childhood Curriculum (3)	Ed 323	Introduction to Exceptional Learners (3)
ECF 200	Emergent Literacy (Birth to 5 Years) (3)	ECF 252	Field Experience: Birth to 5 Years (3)
	Mathematics or Science Elective (3)		Electives (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>



## Bachelor of Science, **Child Development**

**Julie N. Hartman, PhD**  
*Program Coordinator*

<b>Child Development Program Summary</b>	
Major .....	36 (56)
BJU Core .....	51
Electives .....	33 (13)
<b>Total (minimum).....</b>	<b>120</b>

The Child Development program focuses on the study of the growth and development of children in relation to the family, school, and community and is designed for students seeking careers outside traditional school settings. With 30 credits of electives, students can craft the program to a more focused career pathway, including a 21-credit concentration in Early Intervention. There are also over 180 hours of service learning and field experiences built in to the program, which students help design to meet their particular interests and career goals. The program also prepares students for graduate work and advanced professional studies. This degree does not lead to teacher licensure.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Apply knowledge of developmentally appropriate practices and state early learning standards to write appropriate goals and instructional activities and implement a course of action to address children’s learning and developmental needs.
- Critically examine practices in child and family services using the lens of Scripture, professional ethics, theory, and findings from research.
- Explain and demonstrate how to recognize and respond to children’s earliest efforts to communicate and how to build children’s language skills in developmentally appropriate ways.
- Use systematic observations, documentation, and other effective early childhood assessment strategies and describe how assessment can positively and negatively influence the development of young children’s developmental needs.

## DEGREE COURSES

*Major (optional concentration): 36  
(56) credits*

CD 206	Introduction to Communication Disorders (3)
CD 302	Normal Language Development (3)
Ed 201	Theories of Teaching & Learning (3)
Ed 250	Foundations in Early Child Care & Education (3)
Ed 251	Child Health, Safety & Nutrition (3)
Ed 258	Family & Community Engagement (3)
Ed 260	Behavior & Development of the Young Child (3)
Ed 305	Foundations in Reading for Early Childhood & Elementary School Teachers (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 352	Early Childhood Curriculum (3)
ECF 252	Field Experience: Birth to 5 Years (3)
ECF 495	Service learning Capstone (3) <i>Early Intervention Concentration (20)</i>

*BJU Core: 51 credits*

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3) <i>English or Writing Elective (3)</i>
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communications for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
Ed 200	Foundations in Educational Technology (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

*Electives:*

*33 (13) credits and/or select a minor*

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Com 101	Fundamentals of Speech (3)
Bi 205	OT Literature & Interpretation (3)	Ed 201	Theories of Teaching & Learning (3)
FA 125	Christianity & the Arts (3)	Ed 250	Foundations in ECC & Education (3)
Ed 260	Behavior & Development: Young Child (3)	Ed 251	Child Health, Safety & Nutrition (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Second Year

Bi 209	NT Literature & Interpretation (3)	Hi 101	The Making of the Modern World (3)
Ed 352	Early Childhood Curriculum (3)	CD 206	Intro to Communication Disorders (3)
	English or Writing Elective (3)	Ph 200	Themes in Western Thought (3)
	Electives or Minor (5)	Ed 200	Foundations: Educational Technology (3)
<b>Total Credits: 15</b>		Electives or Minor (3)	
		<b>Total Credits: 15</b>	

### Third Year

Th 350	Bible Doctrines (3)	Sc 200	Essential Science (3)
Com 410	Oral Comm for the Professions (3)	Th 360	Bible Doctrines (3)
Ed 305	Foundations in Rdg for EC & Elem (3)	ECF 252	Field Experience: Birth to 5 Years (3)
Ed 323	Introduction to Exceptional Learners (3)		Electives or Minor (6)
	Electives or Minor (3)	<b>Total Credits: 15</b>	
<b>Total Credits: 15</b>			

### Fourth Year

SSE 200	Foundations of Economics (3)	Ed 258	Family & Community Engagement (3)
CD 302	Normal Language Development (3)	ECF 495	Service Learning Capstone (3)
Th 499	Apologetics & Worldview (3)		Electives or Minor (9)
	Electives or Minor (6)	<b>Total Credits: 15</b>	
<b>Total Credits: 15</b>			



## CHILD DEVELOPMENT CONCENTRATION

### Early Intervention Concentration

*Courses: 21 credits*

CD 401	Language Disorder in Children (4)
Exc 311	Characteristics: Emotional Disabilities (3)
Exc 312	Characteristics: Learning Disabilities (3)
Exc 313	Characteristics: Intellectual & Developmental Disabilities (3)
Exc 323	Educational Procedures: Mild Disabilities (4)
Exc 359	Assessment in Special Education (4)

### EARLY INTERVENTION CONCENTRATION

The Early Intervention concentration is intended only for students in the Child Development program who desire to work with young children (birth to age three) across a variety of settings who have or are at risk for developmental delays and disabilities. The Early Intervention concentration is not intended for use with any other interdisciplinary program of study, such as Educational Studies. The Child Development with Early Intervention concentration includes 180 hours+ of field experiences that provide students with opportunities to learn and work alongside early childhood and early intervention professionals and to gain needed workforce skills prior to graduation. Prior to enrolling in the final capstone experience, students must have a minimum GPA of 2.5 across all major and concentration courses with no grade less than C- in any required program or concentration course.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Create and use a variety of formal and informal assessment tools to guide decisions about children's development and learning.
- Examine and describe how multiple factors influence child growth and development and analyze systems that support children's wellbeing
- Use knowledge, organizational and interpersonal skills to contribute to interdisciplinary activities addressing children's developmental needs.

# Bachelor of Science, **Educational Studies**

**Anna L. Hamrick, MEd**  
*Program Coordinator*

<b>Educational Studies Program Summary</b>	
Major .....	39-42
BJU Core .....	51
Electives .....	27-30
<b>Total (minimum).....</b>	<b>120</b>

The Educational Studies program prepares students who are seeking a non-licensure-based career in an educational or service-related context outside traditional classroom settings. The program prepares students to work with children, youth, and adults in a variety of settings ranging from ministry, community-based and other types of nonprofit organizations to preschools, para-educational, businesses, and government-related agencies. Coursework consists of a 24-credit educational core connected to an 18-21 credit interdisciplinary concentration of the student's choosing. The concentrations include: Arts Integration, Social Services, and Teaching English to Speakers of Other Languages (TESOL). Students gain and document real-world experience as they complete a 60-hour service learning experience and a 120-hour final capstone experience in a program/organization related to their interdisciplinary concentration. Educational Studies supports the mission and goals of the School of Education in that students are prepared to use content knowledge and pedagogical skills to positively impact student learning and community outcomes. This degree does not lead to teacher licensure.

### **PROGRAM LEARNING OUTCOMES**

- The student will ...
- Apply understanding of basic principles of teaching and learning to education or social-service related practices.
  - Use professional literature and theory to identify and describe evidence-informed practices.
  - Demonstrate and document effective workforce skills.
  - Collaborate with diverse groups of people and make a positive difference on their campus and communities.

## DEGREE COURSES

### Major: 39–42 credits

Ed 201	Theories of Teaching & Learning (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 325	Development: Birth to Adolescence (3)
ECF 190	Principles of Education (3)
ECF 390	Service learning for Educators (3)
ECF 495	Service learning Capstone (3)
<i>Foundations of Reading Elective<sup>1</sup> (3)</i>	
· Ed 305	Foundations in Reading for Early Childhood & Elementary School Teachers (3)
· Ed 306	Foundations in Reading for Middle School & High School Teachers (3)
<i>Interdisciplinary Concentration<sup>2</sup> (18–21)</i>	
·	Arts Integration (18)
·	Social Services (18)
·	Teaching English to Speakers of Other Languages (21)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communications for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
Ed 200	Foundations in Educational Technology (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

27–30 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	FA 125	Christianity & the Arts (3)
Bi 205	OT Literature & Interpretation (3)	Com 101	Fundamentals of Speech (3)
ECF 190	Principles of Education (3)	Ed 200	Foundations: Educational Technology (3)
	Electives or Minor (3)		Electives or Minor (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Second Year

Bi 209	NT Literature & Interpretation (3)	Hi 101	The Making of the Modern World (3)
Ed 201	Theories of Teaching & Learning (3)	Ph 200	Themes in Western Thought (3)
	English or Writing Elective (3)	Ed 325	Development: Birth to Adolescence (3)
	Electives or Minor (6)		Foundations of Reading Elective <sup>1</sup> (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Third Year

Th 350	Bible Doctrines (3)	Sc 200	Essential Science (3)
Com 410	Oral Comm for the Professions (3)	Th 360	Bible Doctrines (3)
ECF 390	Service Learning for Educators (3)		Interdisciplinary Concentration <sup>2</sup> (3)
	Interdisciplinary Concentration <sup>2</sup> (3)		Electives or Minor (6)
	Electives or Minor (3)	<b>Total Credits: 15</b>	

### Fourth Year

SSE 200	Foundations of Economics (3)	ECF 495	Service Learning Capstone (3)
Th 499	Apologetics & Worldview (3)		Interdisciplinary Concentration <sup>2</sup> (3)
Ed 323	Introduction to Exceptional Learners (3)		Interdisciplinary Concentration <sup>2</sup> (3)
	Interdisciplinary Concentration <sup>2</sup> (3)		Electives or Minor (6)
	Electives or Minor (3)	<b>Total Credits: 15</b>	

<sup>1</sup> Ed 305 Foundations in Reading for Early Childhood & Elementary School Teachers or Ed 306 Foundations in Reading for Middle School & High School Teachers

<sup>2</sup> Concentrations include: Arts Integration, Social Services or Teaching English to Speakers of Other Languages

## EDUCATIONAL STUDIES INTERDISCIPLINARY CONCENTRATIONS

### *Arts Integration Concentration*

*Courses: 18 credits*

Ed 310    Disciplinary Learning & Understanding (3)

*Art or Music History Elective (3)*

· Ar 310    History of Art: Prehistoric to Middle Ages (3)

· Ar 311    History of Art: Renaissance to Contemporary (3)

· Mu 303    History of Music: Antiquity to Baroque (3)

· Mu 305    History of Music: Classical to Contemporary (3)

*Fine Arts or Humanities Electives (300/400-level) (12)*

### *Social Services Concentration*

*Courses: 18 credits*

CJ 101    Introduction to Criminal Justice (3)

SSS 202    Introduction to Sociology (3)

SSS 304    Social Problems (3)

SSS 375    Readings & Research in Social Services (3)

SSP 401    Essentials of Public Policy (3)  
*Education/Psychology/Sociology Elective (300/400-level) (3)*

## ARTS INTEGRATION CONCENTRATION

The purpose of the program is to teach the value of the creative arts in the context of a biblical worldview, to model the power of arts integration in raising educational outcomes, and to create opportunities for using these strategies in classroom and community venues.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Articulate the value God places on aesthetics generally and art-integrated learning/enrichment specifically.
- Document the power of the arts to raise learning outcomes and enrich the community.
- Design and deliver arts-based learning experiences for classroom and community venues.

## SOCIAL SERVICES CONCENTRATION

The Social Services concentration is a dynamic and interdisciplinary combining practical training and academic study. The concentration targets the study of psychology, social science, criminal justice, and social policy and is designed with suggested electives to afford the student a broad overview of the impact of education, health care, criminal justice, and social and human services on society. For students wishing to obtain licensure in the Social Services/Social Work communities, this concentration provides a foundation for graduate work in the field.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Research and defend ethics in social services.
- Articulate a biblical worldview of social services.
- Apply knowledge of human rights and services and advocate for change.

### TESOL Concentration

*Courses: 21 credits*

Li 301	Descriptive Linguistics (3)
En 509	Structure of Modern English (3)
En 510	Advanced Grammar for TESOL (3)
En 516	TESOL Methods (3)

#### *Cultural/Intercultural Elective (3)*

- SSS 504 Cultural Anthropology (3)
- Com 520 Intercultural Communication (3)

*World Language (6)*

## TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES

The Teaching English to Speakers of Other Languages (TESOL) concentration prepares students to teach English to non-native speakers, primarily in a ministry setting, in the United States or abroad. The concentration includes coursework in English structure, linguistics, ESL/EFL teaching methods, world language, and cultural matters. A student who chooses SSS 504 can qualify for the TESOL Certificate of Completion, Intermediate Level.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Describe the structure of sentences or short passages
- Write workable and well-formed lesson plans for English language learners
- Teach well-organized and effective English language lessons.



# COURSES

## DIVISION OF TEACHER EDUCATION

### PROFESSIONAL EDUCATION

#### **Ed 095–099** Practicum Remediation Pre K–Grade 12 (0 credit)

This course provides the student an opportunity to improve on his practicum skills by participating in a second practicum course. While having the same basic requirements as the previously taken practicum course, it places emphasis on the professional and pedagogy areas which need to be strengthened of each particular student.

#### **Ed 100** Introduction to Education (3 credits)

This introductory course is designed to increase students' interest in the teaching profession and to create an excitement for the teaching profession. The course will provide students pursuing a teaching degree an overview of the following: the process for admission to the School of Education (SOE) and the related decision points, the SOE Conceptual Framework, initial knowledge about the following topics related to the teaching profession: the various teaching fields, historical foundation and philosophical perspectives of education. The role of Christian teachers in both public and private school situations. The course represents the foundation course in the program of study for teacher education majors. Students will begin their pre-clinical experiences involving observing and assisting professional K-12 teachers. *Excludes ECF 190. Both semesters.*

#### **Ed 180** Introduction to Music Education (2 credits)

An introduction to the music education profession, Pre-K–12. Topics include the role of the Christian teacher, curricular expectations, historical and philosophical underpinnings of Christian and public-school music teaching, and an introduction to methods of music teaching. Includes observations of various music learning situations. *Lecture and field experiences. First semester.*

#### **Ed 200** Foundations in Educational Technology (3 credits)

An introductory course in technology for the classroom. This course provides experiences that support two perspectives—technology to assist teachers (computer-managed instruction) and technology to assist learners (computer-based instruction). Students will develop proficiency with the effective design and use of a wide variety of tools including multimedia, productivity software, web-based resources, interactive whiteboards and other current or emerging technologies. *Both semesters, Online.*

#### **Ed 201** Theories of Teaching & Learning (3 credits)

Provides an overview of the theories and principles from psychology related to education. Specifically, the course addresses motivation, learning, development, instruction, culture, and classroom management. *Both semesters, Online.*

**Ed 250** Foundations in Early Child Care & Education (3 credits)  
This course introduces the field of early care and education with an overview of the historical, theoretical, ethical and practical foundations of developmentally appropriate practices. Students will examine and apply principles and practices that are grounded in Scripture and informed by findings from education research and neuroscience. Students will also examine and apply principles found in the national Head Start framework, the SC Core Competencies for Early Childhood Teachers/Caregivers and Program Administrators, the SC early learning standards, and the NAEYC Code of Ethical conduct. Students will demonstrate abilities to create safe, appropriate and inclusive learning environments for young children (birth-five years), with special emphasis on the vital role of play and social-emotional development. *Second semester, Online.*

**Ed 251** Child Health, Safety & Nutrition (3 credits)  
Methods of establishing a safe and healthy environment for children in Pre-K–3. *Second semester.*

**Ed 258** Family & Community Engagement (3 credits)  
This course provides a study of child, family, school and community partnerships with a special emphasis on culturally responsive family engagement and communication, parenting styles, family systems theories, and family resilience and empowerment. Content will also include addressing abuse/neglect (mandatory reporting) and helping families in crises, trauma, and dealing with death/grieving. Students will learn and apply strategies for creating positive, reciprocal family and community partnerships, planning and facilitating family learning events, and advocating for children and families in need. This course requires a 10-hour service learning component. *Second semester.*

**Ed 260** Behavior & Development of the Young Child (3 credits)  
This course is an introduction to child growth and development, birth through age eight, with an emphasis on the observation and assessment of the physical, intellectual, language, social, emotional and spiritual domains of development. Factors influencing development are also examined as are current and historical trends, issues, theories, research studies and research methods used in the study of child development. Four hours of observation outside of class required. *First semester.*

**Ed 275** Biblical Worldview Formation in Education (3 credits)  
This course is designed to meet the needs of Christian teachers who desire to improve their skills in biblical worldview formation. The course will begin by distinguishing a secular approach to education from a Christian approach. It will then flesh out the details of a Christian approach. The course then presents a method for planning and writing

instruction from a Christian perspective. The course concludes by providing students with a tool for evaluating various educational materials from Christian publishers. *Online.*

**Ed 305** Foundations in Reading for Early Childhood & Elementary School Teachers (3 credits)  
This course examines the theoretical and evidence-based foundations of literacy processes and instruction including oral language, phonological awareness, phonics, fluency, vocabulary and comprehension. It also includes the historical progression of reading and writing instruction, and the role of professional learning, leadership and judgment for teachers. This course is aligned with South Carolina literacy competencies, ILA, CAEP, InTASC and ADEPT performance standards. This course meets the requirements of the Read to Succeed Act for the R2S Teacher Endorsement in South Carolina for early childhood, elementary and special education teachers. *Prerequisite: En 102. Both semesters, Online.*

**Ed 306** Foundations in Reading for Middle School & High School Teachers (3 credits)  
This course examines the theoretical and evidence-based foundations of literacy processes and instruction including oral language, phonological awareness, phonics, fluency, vocabulary and comprehension. It also includes the historical progression of reading and writing instruction, and the role of professional learning, leadership and judgment for teachers. This course is aligned with South Carolina literacy competencies, ILA, CAEP, InTASC and ADEPT performance standards. This course meets the requirements of the Read to Succeed Act for the R2S Requirement (Instructional) Endorsement in South Carolina for middle school and high school teachers. *Prerequisite: En 102. Both semesters, Online.*

**Ed 310** Disciplinary Learning & Understanding (3 credits)  
This course emphasizes creativity to develop disciplinary literacy and transliterate strategies that reinforce learning, highlight the value of the humanities, and encourage collaboration in the community. *Second semester.*

**Ed 321** Child Growth & Development (3 credits)  
The physical, emotional, intellectual, cultural and spiritual growth of the child from infancy to adolescence. Emphasis on the development of the child in relation to the school. *Online.*

**Ed 322** Adolescent Growth & Development (3 credits)  
The physical, emotional, intellectual, cultural, and spiritual growth of the child from preadolescence to maturity. Emphasis on the development of the adolescent in relation to the school. *Online.*



**Ed 323** Introduction to Exceptional Learners (3 credits)  
History, legal foundations, and current trends in special education, with surveys of the following exceptionalities: attention deficit/hyperactivity disorders, autism spectrum disorders, communication/ language/speech disorders, emotional/behavior disorders, health/physical impairments, hearing impairments, intellectual/developmental disabilities, learning disabilities, special gifts/talents, visual impairments. Additional topics included early intervention, response to intervention, parental involvement, and instructional strategies. *Lecture and field experiences. Prerequisite: Ed 100 or Ed 180. Both semesters, Online.*

**Ed 324** Educating the Exceptional Learner (3 credits)  
his course examines education of the exceptional child. The student will learn about prominent disabilities, the history of special education, the service delivery continuum, State and Federal special education regulations, Response to Intervention, differentiated instruction, and effective classroom modifications and accommodations for meeting the needs of diverse learners. *Online.*

**Ed 325** Development: Birth to Adolescence (3 credits)  
The physical, emotional, intellectual, cultural, and spiritual growth of the child from pre-natal through adolescence. Emphasis is placed on the development of a child in relation to the school. *Both semesters, Online.*

**Ed 333** Practicum: Grades 2–6 (4 credits)  
The purpose of this course is to provide structured opportunities to work with children in school and classroom settings (grades 2–6). Candidates are required to create lesson plans based on South Carolina Academic Standards. Candidate's teaching will be evaluated using the South Carolina ADEPT Standards. *Prerequisite: Teacher Candidacy—Passed and Ed 200, and Ed 361 or Ed 362. Corequisite: Ed 360. Both semesters.*

**Ed 338** Teaching World Languages (Pre-K-8) (3 credits)  
Study of second language acquisition and its application to standards-based planning, instruction and assessment at the elementary and middle levels. Course requirements include an integrated practicum experience at the target level. *First semester, even-numbered calendar years.*

**Ed 341** Teaching World Language (9–12) (3 credits)  
Study of second language acquisition and its application to standards-based planning, instruction and assessment at the middle and high school levels. Course requirements include a practicum experience at the target level. *First semester, odd-numbered calendar years.*

**Ed 342** Teaching Social Studies (9–12) (3 credits)  
Materials, methods, procedures, and related topics in the

teaching of social studies in the high school. Also includes selection, evaluation, and use of educational technology. Methods of teaching the students to read the literature in the subject are emphasized. This course contains a 60-hour, semester-long practicum. Students will develop a resource unit. *Identical to Ed 372. Prerequisite: Ed 345. Second semester.*

**Ed 343** Teaching Mathematics (9–12) (3 credits)  
Provides the prospective mathematics teacher with a broad background in standards-based curriculum development, unit and lesson planning, assessment, and implementation of a variety of instructional strategies (including direct instruction, whole class, small groups, independent learning, technology use, and differentiation). Provides specific content-related strategies related to mathematics teaching philosophy, history of mathematics, dynamic math-related computer software and teaching techniques for common mathematical topics. This course contains a 60-hour, semester-long practicum. *Identical to Ed 373. Prerequisite: Ed 345. Second semester.*

**Ed 344** Teaching Natural Science (9–12) (3 credits)  
Provides the prospective science teacher with a broad background in standards-based curriculum development, unit and lesson planning, assessment, and implementation of a variety of instructional strategies (including direct instruction, whole class, small groups, independent learning, technology use, and differentiation). Special areas of focus include the nature of science, neo-Darwinism vs. special creation, laboratory work, technology, inquiry-based teaching, and classroom safety. This course contains a 60-hour, semester-long practicum. *Identical to Ed 374. Prerequisite: Ed 345. Second semester.*

**Ed 345** Behavior Management (3 credits)  
Provides the middle school and high school teacher with the foundations, principles, and strategies for behavior management in the classroom. Topics include the learning environment, classroom procedures, mild behavior issues, disruptive and unsafe behavior (including school treats), social behavior issues, and professionalism. Students will participate in a cohort practicum. *First semester.*

**Ed 346** Teaching English (9–12) (3 credits)  
Provides the prospective English teacher with a broad background in standards-based curriculum development, unit and lesson planning, assessment, and implementation of a variety of instructional strategies (including direct instruction, whole class, small groups, independent learning, technology use, and differentiation). Provides specific content-related strategies for teaching ELA content (grammar, writing, literature). This course contains a 60-hour, semester-long practicum. *Identical to Ed 376. Prerequisite: Ed 345. Second semester.*

**Ed 347** Teaching Adolescent Literature [3 credits]

This course provides an interpretive and critical study of literature for adolescents. It also addresses visual methods and media related to the study and presentation of adolescent literature, including graphic novels, interactive media and arts integration resources. *First semester.*

**Ed 348** Content Area Reading & Writing for High School Teachers [3 credits]

This course focuses on the materials, methods, procedures and related topics in the teaching of reading and writing. Candidates will explore how learners organize, plan and write for understanding across content areas and how learners read for understanding across content areas. Current theoretical and foundational considerations frame the exploration, modeling and practice of instructional strategies for the major components of reading: oral language, phonological awareness, phonics, fluency, vocabulary and comprehension. Candidates are required to create lessons based on the South Carolina Academic Standards. This course is aligned with the South Carolina literacy competencies, ILA, CAEP, InTASC and ADEPT performance standards. This course includes a practicum and meets the requirements of the Read to Succeed Act for the R2S Requirement (Instructional) Endorsement in South Carolina for high school teachers. *Prerequisite: Ed 306. Corequisite: Ed 499. Excludes: Ed 378. Both semesters.*

**Ed 352** Early Childhood Curriculum [3 credits]

Broad overview of materials and methods for teaching young children across the developmental domains, with an emphasis on the South Carolina Early Learning Standards. Students will write and teach a developmentally appropriate lesson in a pre-school (K3-K4) field experience. Students will complete a minimum of 10 hours of classroom experience. Attendance logs and observation sheet are required documenting this field experience. *Both semesters.*

**Ed 353** Instructional Practices of Reading for Early Childhood School Teachers [3 credits]

This course explores effective strategies necessary for implementing a comprehensive and balanced literacy program in the early childhood classroom. Candidates utilize instructional materials and methods for facilitating the development of the major literacy components (oral language, phonological awareness, phonics, fluency, vocabulary and comprehension). Candidates create lessons based on the South Carolina College- and Career-Ready Standards. Assessment techniques appropriate for grading literacy are presented. This course is focused on the developmental nature of literacy growth in the early childhood years and aligns with NAEYC initial licensure standards along with the South Carolina literacy competencies, ILA, CAEP, InTASC and ADEPT performance

standards. This course meets the requirements of the Read to Succeed Act for the R2S Teacher Endorsement in South Carolina for early childhood and special education teachers. *Prerequisite: Ed 305. First semester.*

**Ed 354** Teaching Science [Pre-K-3] [3 credits]

Methods and materials for teaching science in a regular classroom are presented for K-grade 3. Assessment techniques appropriate for the subject matter and grade level will be presented. Each student participates in actual science lessons within the classroom and demonstration teaching. Teacher candidates are required to create an inquiry lesson based on the South Carolina Academic Standards. *Corequisite: Ed 357. Second semester.*

**Ed 355** Teaching Social Studies [Pre-K-3] [4 credits]

Introduction to strategies for teaching and learning of the social studies in the early childhood years (Pre-K-3rd grade), with a special emphasis on children's spiritual, social, and emotional development and on teaching and learning with music, movement, creative arts, technology tools, inquiry and literature-based approaches. Candidates will gain and apply knowledge of the South Carolina ADEPT Performance standards. Candidates will be placed in a classroom to practice skills of planning, teaching, and working with students under the supervision of a mentor teacher and university educator. Candidates prepare and teach developmentally appropriate lessons based on national and South Carolina Academic Standards, and use a variety of instructional resources and material, including the tools of technology. *Corequisite: Ed 353 and Ed 356. Prerequisite: Teacher Education Candidacy - Passed. First semester.*

**Ed 356** Teaching Language Arts [Pre-K-3] [4 credits]

This course will focus on young children's development of literacy and language skills and on key learning theories, approaches, materials, and evidence-based strategies for teaching the English language arts in the early childhood years (Pre-K-3rd grade). Candidates will gain and apply knowledge of the South Carolina ADEPT Performance standards. Candidates will be placed in a classroom to practice skills of planning, teaching, and working with students under the supervision of a mentor teacher and university educator. Candidates prepare and teach developmentally appropriate lessons based on national and South Carolina Academic Standards, and use a variety of instructional resources and material, including the tools of technology. *Corequisite: Ed 353 and Ed 355. Prerequisite: Teacher Education Candidacy - Passed. First semester.*

**Ed 357** Teaching Mathematics [Pre-K-3] [4 credits]

An emphasis on the development of young children's mathematical thinking and problem-solving abilities, along with the fundamental principles of mathematics and

evidence-based practices for teaching and learning math in the early childhood years (Pre-K-3rd grade). Candidates will gain and apply knowledge of the South Carolina ADEPT Performance standards and be evaluated using the SC Teaching Standards 4.0 Rubric. Candidates will be placed in a classroom to practice skills of planning, teaching, and working with students under the supervision of a mentor teacher and university educator. Candidates prepare and teach developmentally appropriate lessons based on national and South Carolina Academic Standards, and use a variety of instructional resources and material, including the tools of technology. *Corequisite: Ed 354. Second semester.*

**Ed 359** Content Area Reading & Writing for Early Childhood School Teachers [3 credits]

This course focuses on the materials, methods, procedures and related topics in the teaching of reading and writing. Candidates will explore how learners organize, plan and write for understanding across content areas and how learners read for understanding across content areas. Current theoretical and foundational considerations frame the exploration, modeling and practice of instructional strategies for the major components of reading: oral language, phonological awareness, phonics, fluency, vocabulary and comprehension. Candidates are required to create lessons based on the South Carolina Academic Standards. This course includes a practicum and is focused on the developmental nature of literacy growth in the early childhood years and aligns with NAEYC initial licensure standards along with the South Carolina literacy competencies, ILA, CAEP, InTASC and ADEPT performance standards. This course meets the requirements of the Read to Succeed Act for the R2S Teacher Endorsement in South Carolina for early childhood and special education teachers. *Corequisite: Ed 499. Excludes: Ed 367. Both semesters.*

**Ed 360** Teaching Mathematics [2-6] [3 credits]

This course presents methods of teaching elementary mathematics emphasizing problem-solving and hands-on learning through the use of manipulatives. Topics include the basic operations for whole numbers, fractions, decimals, measurement, and geometry. Candidates explore assessment, technology, and diverse learner needs. Candidates are required to create lessons based on the South Carolina College-and Career-Ready Standards and teach the lesson to their Practicum class. *Prerequisite: Ed 200, Ma 109 and Ma 110. Corequisite: Ed 333. Both semesters.*

**Ed 361** Teaching Social Studies [2-6] [3 credits]

An examination of the time, content, goals and methods of teaching man's relation to God, others and the environment. Candidates are required to create lessons based on the South Carolina College-and Career-Ready Social Studies Standards. *First semester.*

**Ed 362** Instructional Practices of Reading for Elementary School Teachers [3 credits]

This course explores effective strategies necessary for implementing a comprehensive and balanced literacy program in the elementary classroom. Candidates utilize instructional materials and methods for facilitating the development of the major literacy components (oral language, phonological awareness, phonics, fluency, vocabulary, and comprehension). Candidates create lessons based on the South Carolina College-and Career-Ready English Language Arts Standards and utilize these lessons to teach guided reading groups. Assessment techniques appropriate for grading literacy are presented. This course is aligned with the CAEP initial licensure standards, South Carolina Teaching Standards, South Carolina literacy competencies, ILA, InTASC and ADEPT performance standards. This course meets the requirements of the Read to Succeed Act for R2S Teacher Endorsement in South Carolina for elementary and special education teachers. *Prerequisites: Ed 200, Ed 305, and Ed 363 or Ed 361. First semester.*

**Ed 363** Teaching Language Arts [2-6] [3 credits]

Fundamental principles of teaching the total language arts curriculum. Supplemental and motivational materials for all levels and areas of language arts will be investigated. Candidates are required to create lessons based on the South Carolina College-and Career-Ready English Language Arts Standards. *Second semester.*

**Ed 364** Teaching Science [2-6] [3 credits]

Methods and materials for teaching science in a regular classroom are presented for grades 2-6. Assessment techniques appropriate for the subject matter and grade level will be presented. Each student participates in actual elementary science lessons within the classroom and demonstration teaching. Teacher candidates are required to create an inquiry lesson based on the South Carolina Science Academic Standards. *Second semester.*

**Ed 365** Assessment of Reading for Early Childhood & Elementary School Teachers [3 credits]

This course examines a variety of assessment tools and practices to plan and evaluate literacy instruction. Candidates utilize assessment tools to monitor student progress, identify difficulties, and prescribe corrective techniques for the major components of reading: oral language, phonological awareness, phonics, fluency, vocabulary and comprehension. Candidates also develop activities to use when interacting with learners. This course includes a practicum and is aligned with the South Carolina literacy competencies, ILA, CAEP, InTASC and ADEPT performance standards. This course meets the requirements of the Read to Succeed Act for the R2S Teacher Endorsement in South Carolina for early childhood, elementary, and special education teachers. *Prerequisite: Ed 353 or Ed 362. Second semester.*

**Ed 366** Children's Literature [3 credits]

An interpretative and critical study of literature suitable for children. Addresses content, genres, literacy elements, artistic styles, and creative strategies for integrating literacy, visual, and technological skills. *Prerequisite: Ed 200. Both semesters.*

**Ed 367** Content Area Reading & Writing for Elementary School Teachers [3 credits]

This course focuses on the materials, methods, procedures and related topics in the teaching of reading and writing.

Candidates will explore how learners organize, plan and write for understanding across content areas and how learners read for understanding across content areas. Current theoretical and foundational considerations frame the exploration, modeling and practice of instructional strategies for the major components of reading: oral language, phonological awareness, phonics, fluency, vocabulary and comprehension. Candidates are required to create lessons based on the South Carolina Academic Standards. This course includes a practicum and is aligned with the CAEP initial licensure standards, South Carolina literacy competencies, ILA, InTASC and ADEPT performance standards. This course meets the requirements of the Read to Succeed Act for the R2S Teacher Endorsement in South Carolina for elementary and special education teachers. *Prerequisite: Ed 365. Corequisite: Ed 499. Excludes: Ed 359. Both semesters.*

**Ed 372** Teaching Social Studies [5-8] [3 credits]

Materials, methods, procedures, and related topics in the teaching of social studies in the mid-dle school. Also includes selection, evaluation, and use of educational technology. Methods of teaching the students to read the literature in the subject are emphasized. This course contains a 60-hour, semester-long practicum. Students will develop a resource unit. *Identical to Ed 342. Prerequisite: Ed 345. Second semester.*

**Ed 373** Teaching Mathematics [5-8] [3 credits]

Provides the prospective mathematics teacher with a broad background in standards-based curriculum development, unit and lesson planning, assessment, and implementation of a variety of instructional strategies (including direct instruction, whole class, small groups, independent learning, technology use, and differentiation). Provides specific content-related strategies related to mathematics teaching philosophy, history of mathematics, dynamic math-related computer software and teaching techniques for common mathematical topics. This course contains a 60-hour, semester-long practicum. *Identical to Ed 343. Prerequisite: Ed 345. Second semester.*

**Ed 374** Teaching Natural Science [5-8] [3 credits]

Provides the prospective science teacher with a broad background in standards-based curriculum development,

unit and lesson planning, assessment, and implementation of a variety of instructional strategies (including direct instruction, whole class, small groups, independent learning, technology use, and differentiation). Special areas of focus include the nature of science, neo-Darwinism vs. special creation, laboratory work, technology, inquiry-based teaching, and classroom safety. This course contains a 60-hour, semester-long practicum. *Identical to Ed 344. Prerequisite: Ed 345. Second semester.*

**Ed 376** Teaching English [5-8] [3 credits]

Provides the prospective English teacher with a broad background in standards-based curriculum development, unit and lesson planning, assessment, and implementation of a variety of instructional strategies (including direct instruction, whole class, small groups, independent learning, technology use, and differentiation). Provides specific content-related strategies for teaching ELA content (grammar, writing, literature). This course contains a 60-hour, semester-long practicum. *Identical to Ed 346. Prerequisite: Ed 345. Second semester.*

**Ed 378** Content Area Reading & Writing for Middle School Teachers [3 credits]

This course focuses on the materials, methods, procedures and related topics in the teaching of reading and writing. Candidates will explore how learners organize, plan and write for understanding across content areas and how learners read for understanding across content areas. Current theoretical and foundational considerations frame the exploration, modeling and practice of instructional strategies for the major components of reading: oral language, phonological awareness, phonics, fluency, vocabulary and comprehension. Candidates are required to create lessons based on the South Carolina Academic Standards. This course is aligned with the AMLE initial licensure standards, South Carolina literacy competencies, ILA, CAEP, InTASC and ADEPT performance standards. This course includes a practicum and meets the requirements of the Read to Succeed Act for the R2S Requirement (Instructional) Endorsement in South Carolina for middle school teachers. *Prerequisite: Ed 365. Corequisite: Ed 499. Excludes: Ed 348. Both semesters.*

**Ed 379** Middle School Curriculum & Organization [3 credits]

This course will provide an overview of the development of the middle school in America and an overview of philosophy, integrated curriculum, advisory, interdisciplinary teams, scheduling, collaboration, classroom management and cooperative learning techniques in the middle school. Guidance in planning appropriate learning experiences for middle school will be provided. *First semester.*

**Ed 380** Instructional Methods & Strategies (3 credits)  
This course is designed to help teachers put instructional theory into practice through the study and application of teaching strategies and techniques that are applicable to the K-12 classroom. *Online.*

**Ed 381** Introduction to Technology in Music Education (2 credits)

An overview of current technologies as they relate to music education. Topics include computer and internet awareness, productivity software, MIDI sequencing, an introduction to digital audio recording and editing, notation software and computer-assisted instruction. Applications include Microsoft Office Suite, Audacity, Logic and Finale. *Both semesters.*

**Ed 383** Educational Assessment (3 credits)

An introductory course in the principles of constructing standardized and teacher-made tests, test scoring and interpretation, grading-reporting practices, and an overview of commonly used statistical terms. *Online.*

**Ed 385** Elementary School Music (3 credits)

Materials, methods and procedures for the teaching of music in the primary and intermediate grades. Also includes selection, evaluation and use of educational software as well as guidelines for relating the child to music and for providing a balanced music education curriculum. Candidates are required to create lessons based on the South Carolina Academic Standards. *Prerequisite: Teacher Candidacy—Passed. Second semester.*

**Ed 386** Teaching Secondary Instrumental Music (3 credits)

Philosophy, psychology, methodology, and procedures for teaching instrumental music in the middle and senior high school. Topics include how music has meaning, how young people learn music, planning curriculum, instruction and assessment, program administration, and effective rehearsal techniques for teaching school band and orchestra. Candidates are required to create lessons based on the South Carolina Academic Standards. A 30-hour Practicum is included which provides structured opportunities to work with diverse secondary instrumental students. *Prerequisite: Teacher Candidacy—Passed. First semester.*

**Ed 387** Teaching Secondary Choral Music (3 credits)

Philosophy, psychology, methodology, and procedures for teaching choral music in the middle and senior high school. Topics include organization and administration, planning curriculum, instruction and assessment, ensemble rehearsal techniques, sight-singing methods, and advocating for choral participation. A 30-hour Practicum is included which provides structured opportunities to work with diverse secondary choral students. Candidates are required to create

lessons based on the South Carolina Academic Standards. *Prerequisite: Teacher Candidacy—Passed. First semester.*

**Ed 388** Classroom Management (3 credits)

This course is an introduction to K-12 classroom management techniques to prepare teachers to be effective managers of their classrooms so that student learning is maximized. *Online.*

**Ed 391** Educator Performance & Evaluation (3 credits)

This practical course covers many aspects of teaching including lesson plans, long-range plans, classroom assessment, and the use and interpretation of standardized tests. Students will learn how to use pre- and post-assessments to analyze the impact of instructional strategies on student learning. Student-centered instructional strategies will be demonstrated and emphasized. The role of state and national content and teaching standards, in particular, the South Carolina Teaching Standards (SCTS) 4.0 Rubric, will be studied. Other key topics include effective classroom management and collaboration with parents and colleagues. *Both semesters.*

**Ed 490** Field Experience: International Placement (3 credits)

Supervised teaching experiences in an international setting. *Summer.*

**Ed 493** Field Experience Capstone (3 credits)

In this course participants demonstrate their professional responsibilities by applying learning and development theories and demonstrating developmentally appropriate practices by writing lesson plans, creating assessments and providing feedback to students in the K-12 environment. Participants will submit videotape of lessons to receive individualized feedback on their planning and teaching strategies. An electronic portfolio will also be created. *Online.*

**Ed 499** Clinical Practice (9 credits)

Observation, participation, conferencing and actual teaching are done for at least 60 full days. Student teachers will be evaluated on their classroom management and their use of current methods of teaching and planning. In addition, students will show ability to use information to develop instruction to meet the needs of individual students. *Students are required to apply for Clinical Practice and be fully admitted to the professional teacher preparation program one academic year prior to the semester they plan to do clinical practice. Prerequisite: Praxis II passed. Both semesters.*

## SPECIAL EDUCATION

### **Exc 311** Characteristics: Emotional Disabilities (3 credits)

This course is an introduction to emotional disabilities that focuses on the definition based on historical and conceptual frameworks, the litigation, relevant laws, and current issues and trends. Specific emphasis includes identification, classification, causal factors, theoretical perspectives for causes and intervention, behavior, ADHD, and autism assessments, etiology, prevalence, treatments, and transitions planning using case studies. A biblical worldview about the causes of emotional disabilities, the various manifestations of emotional disabilities and behavior intervention strategies is discussed. Additionally, students participate in a mini-practicum to gain initial experience providing one-on-one instruction for a student with a disability and to gain initial knowledge, understanding, and application in taking anecdotal notes, in using a frequency recording observation form, in creating and using a social story, and in creating a summary report. *Prerequisite: Ed 323. First semester.*

### **Exc 312** Characteristics: Learning Disabilities (3 credits)

Introduction to learning disabilities that focuses on a definition based on historical developments of the field, litigation, relevant laws, and current issues and trends. Specific emphasis includes definition, identification, classification, theoretical perspectives for learning, assessment, etiology, prevalence, and transition planning. Additional topics include instructional and assistive technology; evidence-based instructional strategies; methods related to reading, writing, and math; accommodations; working with young people; and the social, emotional, and intellectual issues related to students with learning disabilities. *Prerequisite: Ed 323 or Exc 205. First semester.*

### **Exc 313** Characteristics: Intellectual & Developmental Disabilities (3 credits)

Introduction to intellectual and developmental disabilities (formerly mental retardation) that focuses on a definition based on historical developments of the field, litigation, laws, and current issues and trends. Specific emphasis includes identification, classification, assessment, etiology, prevalence, treatment and transition educational programming needs of intellectually challenged individuals. Application to the public and Christian school programs are discussed. Technology integration is expected in lesson planning. *Prerequisite: Ed 323 or Exc 205. First semester.*

### **Exc 322** Materials & Methods: Mild Disabilities (3 credits)

Emphasis on the development of skills in the diagnosis and remediation of academic deficits in mildly disabled learners. Focused emphasis is on the essential elements of effective teaching, basic scope and sequence of academic skills,

instructional modifications and accommodations, evidence-based teaching methods and interventions for students with exceptional learning needs at the elementary and secondary levels. Specific topics include the use of assistive and instructional technologies for teaching students with disabilities. *Prerequisite: Bio 304. First semester.*

### **Exc 323** Educational Procedures: Mild Disabilities (4 credits)

The course emphasizes the components and development of the Individualized Education Program (IEP) and Individualized Family Service Plan (IFSP) and various special education service delivery models, including resource, self-contained, and inclusion classroom settings. Additional topics include students using instructional and assistive technology, developing an assistive technology device for a student to use in the practicum setting, formal and informal assessment, evaluation of student progress, creating lesson plans for study skills and instructional strategies, teaching an instructional strategy, adapting general education curricula, introduction to collaborative consultation, parent conferencing, classroom organization, transition planning, and other related topics. Additionally, an introduction and discussion of the alignment between the SCTS 4.0 Rubric, InTASC, and CEC Standards. During a practicum, students are given opportunities to conduct one-on-one and/or small group instruction and demonstrate beginning level application of CEC Standards and key elements. *Prerequisite: Ed 323. Second semester.*

### **Exc 359** Assessment in Special Education (4 credits)

This course is designed to increase students' knowledge about the multiple purposes of assessment and to introduce the definition, historical factors, litigation, legislation, and ethical practices related to the assessment of young and school-age children. Students will review DEC and CEC Standards and build knowledge about selecting and using appropriate, technically-sound formal and informal assessment instruments and about minimizing bias, aligning assessment with curriculum and content standards, and facilitating progress monitoring. Using case studies, students will learn how to integrate family priorities and concerns and how to work in teams to create an Individualized Family Service Plan (IFSP). Students also will learn how to move through the Response to Intervention (RTI) process that leads to the development of an Individualized Education Program (IEP) for eligible students. Additionally, students will be observed and receive feedback on their demonstration of the SCTS 4.0 Rubric Standards. Course includes a practicum field experience where students demonstrate intermediate level application of CEC Standards and key elements. *Prerequisite: Ed 323 and Exc 323. First semester.*

**Exc 451** Teaching Math: Mild Disabilities (3 credits)

A biblical worldview of evidence-based teaching techniques, methods and materials for identifying and remediating math skill deficits in students with mild–moderate disabilities. Lectures focus on the neuropsychological basis of math disorders, diagnostic math assessment, remediation of math readiness and other math skill deficits, and how to modify and adapt standard math curricula. Also included is demonstration and supervised practice and administration of the various diagnostic and screening norm-referenced tests. *Prerequisite: Exc 205. Second semester.*

**Exc 453** Behavior Management (4 credits)

An overview of basic behavioral principles and major theoretical models in the treatment of student behavior. The biblical worldview of behavior management is presented in

the context of discussion of behavioral interventions, including preventative, short-term, and long-term behavior enhancement and reduction techniques. Students gain a thorough understanding of how to observe and record student behavior and how to develop and implement systematic positive reinforcement systems. Additional topics include affective methods, including life space interviewing and reality therapy, behavior methods such as functional behavior assessment, and technology methods such as Class Dojo. Additionally, students will be observed and receive feedback on their demonstration of the SCTS 4.0 Rubric Standards. Course includes a practicum field experience where students demonstrate advanced level application of CEC Standards and key elements. *Prerequisite: Exc 323 and Exc 311. Second semester.*

## DIVISION OF EDUCATIONAL, CHILD & FAMILY STUDIES

**ECF 141** Behavior & Development of Infants & Toddlers (3 credits)

A study of the physical, cognitive, social, emotional and spiritual domains of early development with application to the unique care and guidance needs of very young children, birth through age 36 months. Procedures for objectively observing, recording and analyzing the development of young children. Special emphasis on learning caregiving techniques and providing a developmentally appropriate physical environment and curriculum for children under the age of 36 months. This course requires lab hours in the campus child development center. *First semester.*

**ECF 190** Principles of Education (3 credits)

Students will examine historical, philosophical, legal, and sociological principles of education. An emphasis will be placed on current issues, terminology, and broad approaches to teaching and learning in the field of education. *Excludes: Ed 100. First semester.*

**ECF 200** Emergent Literacy (Birth to 5 Years) (3 credits)

Overview of early language and literacy development as well as methods and materials for fostering young children's listening, speaking, and emergent reading and writing skills. Students will also learn how to design and evaluate language-rich environments for young children and how to select, evaluate, and incorporate quality children's literature throughout the curriculum. This course includes practical application in campus early care and education center. *First semester.*

**ECF 252** Field Experience: Birth to 5 Years (3 credits)

Students complete 60 hours of supervised field experience in an early childhood context working with infants, toddlers, and/or preschoolers in inclusive settings alongside experienced early childhood professionals. Students typically complete this field experience two days per week, 3-4 hours per day, and meet with their University supervisor one hour per week (see course schedules). Over the course of the semester, students expand their professional responsibilities in the field and demonstrate their abilities to plan and implement instruction, assess development and learning, prepare the environment and manage activities, and engage families and other professionals. In order to be placed in a field setting, students must acquire/meet the following: current CPR and First Aid certification, cleared health assessment, negative TB skin test, and compliance with other DSS technical standards, including a clear criminal (SLED) background check. Some field placements may also require fingerprinting and other documentation, and some concentrations may require academic standing/GPA in order to be placed in the field. Students are responsible for completing all placement requirements and can be denied placement if requirements are not completed by posted deadlines. *Prerequisite: Ed 251. Both semesters.*

**ECF 390** Service Learning for Educators (3 credits)

This 60-hour internship experience helps students integrate and develop specific competencies emphasized in their programs of study as they work alongside mentors to create and implement solutions to community or agency-focused

problems. Students typically work two days a week in their internship placement and meet weekly with the university supervisor. Students document their abilities to research, collaborate, and apply knowledge and skills in a digital portfolio and project presentation. Students may indicate their choice of placement for this experience, but all placements are subject to final approval by the Director of Field Experiences. Students are also responsible for meeting all academic requirements prior to placement, as well as paying all fees associated with agency-specific requirements, such as background checks, SLED/fingerprinting, TB screening/paying medical clearance, etc. Students can be denied placement if requirements are not completed by posted deadlines. Prerequisite: ECF 190.

*Both semesters.*

**ECF 495** Service Learning Capstone (3 credits)

This 120-hour supervised capstone experience helps students apply coursework while building workforce skills in an educational setting or organization relevant to their fields of study. Students may indicate their choice of placement for this experience but all placements are subject to final approval by the Director of Field Experiences. Throughout the experience, students work alongside mentors and their university supervisor and document their learning and contributions to the organizations in weekly reflections as well as in a final digital portfolio and project presentation. Students are responsible for meeting all academic requirements prior to placements being made for them, as well as any for any fees associated with agency-specific requirements, such as background checks, SLED/fingerprinting, TB screening/medical clearance, etc. Students can be denied capstone placements if requirements are not completed by posted deadlines. *Prerequisite: ECF 390. Both semesters, Summer.*



# FACULTY



## DEAN

### *Brian Alan Carruthers (2004)*

BS, Bob Jones University;  
MS, Bob Jones University;  
EdD, Nova Southeastern University

## DIVISION OF TEACHER EDUCATION

### DIVISION CHAIR

#### *Sonia Leigh Johnson (2002)*

BS, Bob Jones University; MEd, Bob Jones University;  
EdD, University of Memphis

#### *Bradley Ray Batdorf (2016)*

BS, Bob Jones University; MAEd, Citadel Military  
College of South Carolina; EdD, Bob Jones University

#### *Pattye Johnson Casarow (2016)*

BS, Grand Canyon University; MMus, Arizona State  
University; DMA, Arizona State University

#### *Constance Cox Collins (1979)*

BS, Bob Jones University; MEd, University of South  
Carolina-Columbia; Additional graduate work,  
Bob Jones University

#### *Anna Lorraine Hamrick (2016)*

BS, Bob Jones University; MEd, Bob Jones University;  
Additional graduate work, Furman University

#### *Heather Richardson Hancox (2008)*

BS, Bob Jones University; MEd, Bob Jones University;  
EdD, Bob Jones University; Additional graduate work,  
Capella University

#### *Julie Nicolazzo Hartman (2002-2017, 2018)*

BS, Bob Jones University; MA, Furman University;  
PhD, Clemson University; Additional graduate work,  
Converse College and Morningside College

***Donnalynn Hess (Adjunct)***

BS, Bob Jones University; MA, Bob Jones University;  
MEd, Bob Jones University; Additional graduate work,  
Furman University

***Donald Lee Jacobs Jr. (1998)***

BS, Bob Jones University; MS, Bob Jones University;  
EdD, Bob Jones University; Additional graduate work,  
Drake University

***Tamila Thorsell Jacobs (2005)***

BS, Bob Jones University; MEd, Bob Jones University;  
EdD, Bob Jones University; Additional graduate work,  
Drake University and Concordia University

***Marian Amos Kasperek (2013)***

BS, Bob Jones University; MA, Saint Louis University-Madrid  
Campus; PhD, University of Oklahoma Norman Campus

***Dalila Teresa McCrum (2017)***

BS, Bob Jones University; MEd, Bob Jones University

***Kathy Diane Pilger (1989)***

BA, Eastern Illinois University; BS, Eastern Illinois  
University; MA, Eastern Illinois University;  
EdD, Bob Jones University

***Marlene Louise Reed (2002)***

BS, Kansas State University; BS, Kansas State University;  
MS, Kansas State University; Additional graduate work,  
Bob Jones University and Kansas State University

***Kenon Dean Renfrow (1985-1988, 2004)***

BA, Bob Jones University; MMus, Bob Jones University;  
PhD, University of Oklahoma Norman Campus

***Idella Jane Smith (1998-2013, 2019)***

BA, Bob Jones University; MS, Bob Jones University;  
Additional graduate work, Clemson University

***David Scott Townsend (2018)***

BS, Bob Jones University; MME, Michigan State University

***Jeremy Lucian Daniel Watts (2014-2020, Adjunct)***

BS, Bob Jones University; MEd, Clemson University;  
PhD University of Kentucky

***Paula Justice Watts (2017)***

BS, Bob Jones University; MEd, Bob Jones University;  
Additional graduate work, Marshall University,  
Concord University and University of Central Missouri

***Julia Hensler Whited (2017)***

BS, Bob Jones University; MEd, Clemson University

***Sharon Edge Wilkie (2015)***

BS, Bob Jones University; MS, Troy University;  
EdS, Lincoln Memorial University; EdD, Liberty University;  
Additional graduate work, University of South Carolina-  
Columbia, Citadel Military College of South Carolina,  
Winthrop University, Appalachian State University and  
Bob Jones University

## DIVISION OF EDUCATIONAL, CHILD & FAMILY STUDIES

**DIVISION CHAIR*****Julie Nicolazzo Hartman (2002-2017, 2018)***

BS, Bob Jones University; MA, Furman University;  
PhD, Clemson University; Additional graduate work,  
Converse College and Morningside College

***Constance Cox Collins (1979)***

BS, Bob Jones University; MEd, University of South  
Carolina-Columbia; Additional graduate work,  
Bob Jones University

***Anna Lorraine Hamrick (2016)***

BS, Bob Jones University; MEd, Bob Jones University;  
Additional graduate work, Furman University

*Date indicates beginning year as university faculty.*





*School of*  
**BUSINESS**

# PROGRAMS

The School of Business exists within the scripturally based liberal arts education of Bob Jones University to prepare Christian men and women for the ministry of business through the development of their knowledge of business, the skills to apply that knowledge and dispositions that model Christlike character.

## GOALS

The student will ...

- Grow in his love for God.
- Assimilate a comprehensive knowledge of business.
- Develop his business communication skills.
- Creatively analyze and solve business problems, often incorporating teamwork.
- Assess business issues from a biblical worldview.

## DIVISIONS

The School of Business is organized into two divisions:

- Division of Accounting
- Division of Management

## DEGREES OFFERED

### *Undergraduate Degrees*

The *Associate of Science* degree with majors in Business, Culinary Arts and Paralegal Studies

The *Bachelor of Science* degree with majors in Accounting and Business Administration



**Michael R. Buiters, MBA**  
*Dean*





# DIVISION OF ACCOUNTING

The Division offers a major in Accounting, which includes courses for students desiring to prepare for a career in the ministry of public, corporate and governmental and not-for-profit accounting.

## PURPOSE

The *Division of Accounting* exists to teach Christian students that God measures, evaluates and rewards in every facet of life. The Division provides instruction in all aspects of accounting to help students give a proper professional and spiritual reckoning to God.

## GOALS

The student will ...

- Identify financial principles and techniques in a variety of business, ministry and personal settings.
- Apply critical analysis when approaching business situations, effectively employ teamwork and use appropriate communication skills.
- Make decisions from an ethical perspective based on biblical principles.



Kris R. Martin, PhD  
*Chair*

# Bachelor of Science, Accounting

**Kris R. Martin, PhD**  
*Program Coordinator*

Accounting Program Summary	
Major .....	66
BJU Core .....	51
Electives .....	3
<b>Total (minimum).....</b>	<b>120</b>

The Accounting major provides preparation for the accounting profession. The degree integrates biblical, business and liberal arts principles with principles of financial accounting, managerial accounting, auditing, taxation, accounting systems, and business ethics and regulations to prepare students for the wide variety of opportunities available to accounting professionals.

The accounting internship program offers college credit for on-the-job training and is available at corporations and accounting firms for qualified majors. The internship program is competitive and limited; generally, a student must maintain a minimum GPA of 3.0 to be eligible for a for-credit accounting internship. The credits awarded for the accounting internship can apply to a 3-credit accounting elective and a 3-credit business elective.

The faculty of the Division of Accounting strongly encourages each student to become a Certified Public Accountant (CPA), which is essentially a three-step process. First, a candidate must take and pass the Uniform CPA Examination. A South Carolina candidate may apply to take the exam after completing at least 120 credits, including specific required courses. Students who follow the suggested schedule should be able to study for and take several sections of the CPA exam in the final semester of the program.

The second step in becoming a CPA is to complete at least 150 credits of college-level courses including specific required courses. The student may complete this requirement through earning a bachelor's degree with additional courses or by earning a bachelor's and a master's degree in accounting. Each state has slightly different rules for the required credits that comprise the 150-credit total. South Carolina's rules—typical of rules in the other states—require CPA candidates to complete 36 credits in accounting and 30 credits in other business courses.

The third step in becoming a CPA involves on-the-job training under the supervision of a CPA. All states require at least one year of experience, and some states require as much as two years of experience. Obviously, students will obtain most of their experience after graduation.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Analyze financial principles and techniques using basic data, accumulated knowledge, and innovative insights from a variety of disciplines.
- Create solutions to business problems while working in a team composed of individuals with a variety of roles and different levels of commitment.
- Communicate with appropriate delivery— in both spoken and written form—the scope and results of work completed.
- Acquire skills necessary to use technology tools effectively and efficiently (and apply those skills) to develop the other learning outcomes.
- Effectively lead in appropriate circumstances, recognizing the need for a variety of leadership styles.
- Demonstrate ethical behavior (integrity, objectivity) in business settings based on a biblical worldview.

## DEGREE COURSES

### Major: 66 credits

Ac 203	Principles of Accounting I (3)
Ac 204	Principles of Accounting II (3)
Ac 205	Accounting Software (3)
Ac 305	Intermediate Accounting I (3)
Ac 306	Intermediate Accounting II (3)
Ac 310	Accounting Information Systems (3)
Ac 400	Auditing (3)
Ac 401	Taxation for Individuals (3)
Ac 402	Advanced Accounting (3)
Ac 403	Cost Accounting (3)
Ac 405	Financial Statement Analysis (3)
<i>Accounting Electives<sup>1</sup> (3-6)<sup>2</sup></i>	
· Ac 411	Taxation for Business Entities (3)
· Ac 412	Topics in Advanced Financial Accounting (3)
· Ac 413	Advanced Managerial Accounting (3)
· Ac 415	Accounting Theory (3)
BA 203	Principles of Management (3)
BA 301	Legal Envir & Ethics of Business (3)
BA 320	Applied Statistics (3)
<i>Business Elective (300/400-level)<sup>2</sup> (3-6)</i>	
Fin 201	Corporate Finance (3)
<i>Finance Elective (300/400-level)<sup>3</sup> (3)</i>	
· Fin 305	Money & Banking (3)
· Fin 402	Financial Theory & Application (3)
· Fin 404	Advanced Financial Mgmt (3)
· Fin 405	Investment Portfolio Mgmt (3)
Mkt 205	Principles of Marketing (3)
SSE 210	Economics for the Professional (3)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communications for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
BA 109	Business Spreadsheet Analysis (3)
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

3 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	FA 125	Christianity & the Arts (3)
Com 101	Fundamentals of Speech (3)	Bi 205	OT Literature & Interpretation (3)
Ac 203	Principles of Accounting I (3)	Ac 204	Principles of Accounting II (3)
BA 109	Business Spreadsheet Analysis (3)	Ac 205	Accounting Software (3)
<b>Total Credits: 15</b>			

### Second Year

Hi 101	The Making of the Modern World (3)	Com 410	Oral Comm for the Professions (3)
Bi 209	NT Literature & Interpretation (3)	Ac 306	Intermediate Accounting II (3)
Ph 200	Themes in Western Thought (3)	Ac 310	Accounting Information Systems (3)
Ac 305	Intermediate Accounting I (3)	Mkt 205	Principles of Marketing (3)
Fin 201	Corporate Finance (3)	Electives or Minor (3)	
<b>Total Credits: 15</b>			

### Third Year

SSE 200	Foundations of Economics (3)	SSE 210	Economics for the Professional (3)
Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
Ac 400	Auditing (3)	BA 301	Legal Envir Ethics of Business (3)
Ac 401	Taxation for Individuals (3)	BA 320	Applied Statistics (3)
BA 203	Principles of Management (3)	Accounting Elective (3) <sup>1</sup>	
<b>Total Credits: 15</b>			

### Fourth Year

Th 499	Apologetics & Worldview (3)	Sc 200	Essential Science (3)
Ac 402	Advanced Accounting (3)	Ac 405	Financial Statement Analysis (3)
Ac 403	Cost Accounting (3)	Accounting Elective <sup>1</sup> (3) <sup>2</sup>	
Business Elective (300/400-level) <sup>2</sup> (3)		Business Elective (300/400-level) <sup>2</sup> (3)	
English or Writing Elective (3)		Finance Elective (300/400-level) <sup>2</sup> (3)	
<b>Total Credits: 15</b>			

<sup>1</sup> Ac 411 Taxation for Business Entities, Ac 412 Topics in Advanced Financial Accounting, Ac 413 Advanced Managerial Accounting, Ac 415 Accounting Theory,

<sup>2</sup> Accounting Internships: Students doing an accounting internship during the semester will register for a block schedule with the internship during the first half of the semester and specific business classes during the second half of the semester. Students may earn a total of 6 credit for internships.

· Ac 450 Full-time Accounting Internship (6) can apply to a 3-credit accounting and a 3-credit business elective.

· Ac 451 Accounting Internship I can apply to a 3-credit business elective and Ac 402 Accounting Internship II can apply to a 3-credit accounting elective.

<sup>3</sup> Fin 305 Money & Banking, Fin 402 Financial Theory & Application, Fin 404 Advanced Financial Management or Fin 405 Investment Portfolio Management

· Recommended minors: English, Communication



S. Robert Hucks, DBA  
Chair

# DIVISION OF MANAGEMENT

The Division of Management prepares students for careers in the global marketplace by teaching business skills necessary to succeed in Fortune 500 firms or to develop their entrepreneurial skills for successful business ventures. Programs include a baccalaureate degree in Business Administration with concentrations in General Business Management, Entrepreneurship, Finance, Human Resources and Marketing; associate degrees in Business, Culinary Arts and Paralegal Studies. These programs combine a liberal arts and Bible core with a comprehensive business core which creates a well-balanced and thoroughly prepared business person. Students focusing on other areas of study may also minor in Aviation, Business and Paralegal Studies. Our programs focus on integrating project and experiential learning with theory that help students understand issues central to business success in the 21st century. Courses are also available as general electives.

## PURPOSE

The Division of Management exists to cultivate Christlikeness in the business leaders of tomorrow through instruction that integrates a biblical worldview with business knowledge, decision-making skills and leadership abilities. Students are taught how to manage employees, business technologies, financial capital, workflow, hiring, training, documentation, compensation and corporate communication. Students also learn how to effectively administer the production, marketing and distribution of goods and services in both the domestic and global marketplace. Special emphasis is placed on leading employees to solve both technical and relational problems using biblical principles that emphasize the centrality of Christ and His Word in all business dealings.

## GOALS

- The student will . . .
- Model Christlike behavior in and out of the classroom to influence the students in their Christian walk and enhance their development into effective Christian leaders.
  - Integrate knowledge and practice of business management from a distinctively biblical worldview, emphasizing the centrality of Christ and His Word.
  - Develop analytical, problem-solving and critical thinking skills to deal effectively with real-world business issues, resulting in God-honoring decisions.
  - Be infused with a spirit of excellence and fully equipped to serve effectively as Christian business professionals, both in their workplace and in support of their local church.

## AEROSPACE STUDIES—AIR FORCE ROTC

Through an agreement with the Air Force Reserve Officer Training Corps (AFROTC) at Clemson University, Bob Jones University students can concurrently enroll in the AFROTC program at Clemson University. Students can complete Aerospace Studies courses organized for registration under BJU's School of Business, Division of Management, but taught at Clemson University. Students will pursue a commission as Second Lieutenants while completing their bachelor's degree. In addition to courses, students participate in physical training and a weekly leadership laboratory providing students a training environment to practice leadership principles in a cadet-led Air Force wing. Aerospace Studies courses are offered for students interested in the AFROTC and apply as general electives.

## AVIATION MINOR

The Aviation minor allows students to have access to the technical training needed to begin a career as a pilot. The minor provides ground school and flight instruction which meets Federal Aviation Administration (FAA) certification requirements for the private and commercial pilot certificates with instrument rating. The minor requires a minimum of 18 credits and complements the School of Business's goal to assimilate a comprehensive knowledge of business.

Students dual enroll in professional flight training at USAeroFlight and the BJU major of their choice in order to prepare for pilot careers such as missionary aviation, airline pilot, corporate pilot, cargo pilot and charter pilot. For example, students aspiring to missionary aviation service could combine flight training with a Bible or Cross-Cultural Service major while those students aspiring to an airline or corporate career could combine flight training with a major in Business Administration, Mathematics, Information Technology or Humanities, etc. USAeroFlight LLC of Greenville provides all aviation equipment, courses and instruction. Additional fees apply.

A minor in Aviation consists of Av 101 Private Pilot Ground School (3), Av 102 Private Pilot Flight (3), Av 201 Instrument Ground & Commercial Flight 1 (4), Av 202 Instrument Flight (2), Av 301 Commercial Ground & Flight 2 (4), and Av 302 Commercial Flight 3 (3). Qualified students may also take Av 303 Commercial Flight 4 (1), Av 401 Flight Instructor Ground & Flight 1 (4), Av 402 Flight Instructor Flight 2 (1), and Av 403 Flight Instructor Flight 3 (1).

## BUSINESS MINOR

The Business minor provides a broad exposure to the knowledge and skills needed in organizational operations. The minor offers the opportunity to gain an understanding of the integration of business disciplines and the essential skills to be successful within those disciplines.

A minor in Business consists of BA 101 Introduction to Business (3), Ac 103 Introduction to Accounting (3), Mkt 205 Principles of Marketing (3), and nine credits of business electives. Recommended electives: BA 109 Business Spreadsheet Analysis (3), BA 215 Introduction to Human Resources Management (3), BA 325 Managerial & Interpersonal Behavior (3), and Fin 201 Corporate Finance (3).

## PARALEGAL STUDIES MINOR

A minor in Paralegal Studies prepares the student to enter or advance their career in the legal environment. Students are taught by legal professionals and attorneys who specialize in their field. Students graduating from the Paralegal Studies program at BJU will be prepared to enter this exciting field. Students study business law, family law, civil litigation, legal writing and legal research from a distinctively biblical worldview. Students are prepared to take paralegal certification exams.

A minor in Paralegal Studies is 24 credits consisting of PL 101 Introduction to Law & Ethics (3), PL111 Legal Writing (3), PL 121 Torts (3), PL 131 Legal Research/Bibliography (3), PL 141 Family Law (3); PL 201 Business Law (3), PL 211 Civil Litigation I (3), PL 231 Wills, Trust & Probate (3).

# Associate of Science, **Business**

**William L. Burkholder, MBA**  
*Program Coordinator*

Business Program Summary	
Major .....	27
BJU Core .....	27
Electives .....	6
<b>Total (minimum).....</b>	<b>60</b>

DEGREE COURSES	
<i>Major: 27 credits</i>	
Ac 103	Introduction to Accounting I (3)
Ac 104	Introduction to Accounting II (3)
BA 101	Introduction to Business (3)
BA 109	Business Spreadsheet Analysis (3)
BA 203	Principles of Management (3)
BA 215	Introduction to Human Resources Management (3)
BA 220	Introduction to Entrepreneurship & Innovation (3)
Fin 201	Corporate Finance (3)
Mkt 205	Principles of Marketing (3)
<i>BJU Core: 27 credits</i>	
Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
En 102	Composition & Rhetoric (3)
<i>English Composition (3)</i>	
Com 101	Fundamentals of Speech (3)
Uni 101	Pathways (3)
<i>Mathematics or Science Elective (3)</i>	
SSE 200	Foundations of Economics (3)
FA 125	Christianity & the Arts (3)
<i>Electives:</i>	
<b>6 credits</b>	

Associate of Science degree business graduates acquire knowledge and skills to prepare them for entry level positions in business and ministry. In addition to the liberal arts and Bible core courses, graduates receive introductory instruction from a biblical worldview in general business management, accounting, finance, marketing and human resources management. The graduate will be prepared to be an effective, Christlike business person for a wide range of business and ministry opportunities. Students completing the Associate of Science degree in Business may apply to continue toward the Bachelor of Science degree in Business Administration.

### PROGRAM LEARNING OUTCOMES

- The student will ...
- Apply a biblical worldview and biblical standards to the various concepts and practices of business.
  - Demonstrate basic practical competence in the areas of accounting, finance, marketing and human resources management.
  - Demonstrate general office administration skills.

### SUGGESTED SCHEDULE

<i>First Year</i>			
Uni 101	Pathways (3)	En 102	Composition & Rhetoric (3)
Com 101	Fundamentals of Speech (3)	Bi 205	OT Literature & Interpretation (3)
Ac 103	Introduction to Accounting I (3)	Ac 104	Introduction to Accounting II (3)
BA 101	Introduction to Business (3)	BA 109	Business Spreadsheet Analysis (3)
	English Composition (3)		Mathematics or Science Elective (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>
<i>Second Year</i>			
SSE 200	Foundations of Economics (3)	BA 203	Principles of Management (3)
Bi 209	NT Literature & Interpretation (3)	Fin 201	Corporate Finance (3)
FA 125	Christianity & the Arts (3)	Mkt 205	Principles of Marketing (3)
BA 215	Intro to Human Resources Mgmt (3)		Electives (6)
BA 220	Intro: Entrepreneurship & Innovation (3)		<b>Total Credits: 15</b>
	<b>Total Credits: 15</b>		

## Associate of Science, Culinary Arts

Robert A. Hansen, MEd  
Program Coordinator

### Culinary Arts Program Summary

Major .....	37
BJU Core .....	27
<b>Total (minimum).....</b>	<b>64</b>

### DEGREE COURSES

#### Major: 37 credits

CA 101	Food & Purchasing (3)
CA 102	Cooking Methods (3)
CA 104	Introductory Bakeshop (3)
CA 116	Food Service Sanitation & Nutrition (3)
CA 118	Professional Catering (3)
CA 125	Desserts & Pastries (3)
CA 150	Fine Dining Operations (3)
CA 200	Principles of Food Production (3)
CA 203	Fine Dining (3)
CA 205	Food Service Management (3)
CA 211	Culinary Arts Practicum (3)
CA 225	Cost Controls (3)
CA 299	Culinary Arts Internship (1)

#### BJU Core: 27 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
En 102	Composition & Rhetoric (3) <i>English Composition (3)</i>
Com 101	Fundamentals of Speech (3)
Uni 101	Pathways (3) <i>Mathematics or Science Elective (3)</i>
SSE 200	Foundations of Economics (3)
FA 125	Christianity & the Arts (3)

An Associate of Science degree in Culinary Arts student completes coursework in business and culinary arts to prepare them for entry-level food service positions in the areas of food preparation and cost control. They can earn industry recognized certifications. This program supports the university's goal to build Christlike character to be exemplified in the food service industry. Students completing the Associate of Science degree in Culinary Arts may apply to continue toward the Bachelor of Science degree in Business Administration.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Utilize best cooking and baking techniques in food preparation.
- Apply professional standards in sanitation, food safety and equipment operations.
- Perform meal planning and food production procedures in *a la carte* and *prix fixe* dining.
- Analyze restaurant operations, personnel management and costing controls.

### SUGGESTED SCHEDULE

#### First Year

Uni 101	Pathways (3)	En 102	Composition & Rhetoric (3)
CA 102	Cooking Methods (3)	Bi 205	OT Literature & Interpretation (3)
CA 104	Introductory Bakeshop (3)	CA 101	Food Service & Purchasing (3)
CA 116	Food Service Sanitation & Nutrition (3)	CA 118	Professional Catering (3)
	English Composition (3)	CA 125	Desserts & Pastries (3)
	<b>Total Credits: 15</b>	CA 150	Dining Room Operations (3)
			<b>Total Credits: 18</b>

#### Second Year

Bi 209	NT Literature & Interpretation (3)	SSE 200	Foundations of Economics (3)
Com 101	Fundamentals of Speech (3)	FA 125	Christianity to the Arts (3)
CA 200	Principles of Food Production (3)	CA 203	Fine Dining (3)
CA 211	Culinary Arts Practicum (3)	CA 205	Food Service Management (3)
CA 225	Cost Controls (3)		Mathematics or Science Elective (3)
CA 299	Culinary Arts Internship <sup>1</sup> (1)		<b>Total Credits: 15</b>
	<b>Total Credits: 16</b>		

<sup>1</sup> Students enrolled in the Associate Culinary Arts program must complete 200 hours of practical work experience to graduate. Students must obtain approval from the culinary faculty prior to starting the internship. Documentation of hours worked and a written paper about the experience must be completed. Students can earn these hours by working in a full-service restaurant, a bakery or a camp food service.

## Associate of Science, **Paralegal Studies**

**Jeff C. Adams, JD**  
Program Coordinator

### Paralegal Studies Program Summary

Major .....	40
BJU Core .....	27
<b>Total (minimum).....</b>	<b>67</b>

### DEGREE COURSES

*Major: 40 credits*

BA 109	Business Spreadsheet Analysis (3)
PL 101	Introduction to Law & Ethics (3)
PL 111	Legal Writing (3)
PL 121	Torts (3)
PL 131	Legal Research/Bibliography (3)
PL 141	Family Law (3)
PL 201	Business Law (3)
PL 211	Civil Litigation I (3)
PL 221	Property Law (3)
PL 231	Will, Trust & Probate (3)
PL 241	Claims Investigation (3)
PL 261	Litigation Applications (3)
PL 351	Civil Litigation II (3)
PL 381	Paralegal Internship (1)

*BJU Core: 27 credits*

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
En 102	Composition & Rhetoric (3)
<i>English Composition (3)</i>	
Com 101	Fundamentals of Speech (3)
Uni 101	Pathways (3)
<i>Mathematics or Science Elective (3)</i>	
SSE 200	Foundations of Economics (3)
FA 125	Christianity & the Arts (3)

An Associate of Science degree in Paralegal Studies prepares the student to enter or advance their career in the legal environment. Students are taught by legal professionals and attorneys who specialize in their field. Students graduating from the Paralegal Studies program at BJU will be prepared to enter this exciting field. Students study business law, family law, civil litigation, legal writing and legal research from a distinctively biblical worldview. Students are prepared to take paralegal certification exams upon graduation. Students completing the Associate of Science degree in Paralegal Studies may apply to continue toward the Bachelor of Science degree in Business Administration.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Apply analytic, critical thinking and research skills to fact situations within a legal context.
- Demonstrate professional skills necessary to a paralegal career, including oral and written communication and technology skills.
- Demonstrate an understanding of the ethical standards that affect the role of a paralegal in a law office through a biblical worldview.
- Demonstrate appropriate use of primary and secondary legal research tools, including legal digests, citators and online data banks.

### SUGGESTED SCHEDULE

#### First Year

Uni 101	Pathways (3)	En 102	Composition & Rhetoric (3)
Com 101	Fundamentals of Speech (3)	Bi 205	OT Literature & Interpretation (3)
BA 109	Business Spreadsheet Analysis (3)	PL 121	Torts (3)
PL 101	Introduction to Law & Ethics (3)	PL 131	Legal Research/Bibliography (3)
PL 111	Legal Writing (3)	PL 141	Family Law (3)
	English Composition (3)		Mathematics or Science Elective (3)
	<b>Total Credits: 18</b>		<b>Total Credits: 18</b>

#### Second Year

SSE 200	Foundations of Economics (3)	FA 125	Christianity & the Arts (3)
Bi 209	NT Literature & Interpretation (3)	PL 241	Claims Investigation (3)
PL 201	Business Law (3)	PL 261	Litigation Applications (3)
PL 211	Civil Litigation I (3)	PL 351	Civil Litigation II (3)
PL 221	Property Law I (3)	PL 381	Paralegal Internship (1)
PL 231	Will, Trust & Probate (3)		<b>Total Credits: 18</b>
	<b>Total Credits: 18</b>		





## Bachelor of Science, **Business Administration**

**Andra H. Dunn, PhD**  
*Program Coordinator*

The Business Administration major provides thorough instruction in accounting, finance, human resources, marketing, operations and international business, all from a Christian, biblical worldview. The major is designed to prepare students to become effective, Christlike business professionals for a wide range of opportunities. This includes the skills necessary to obtain an entry-level position, to start and run one's own business, or to pursue further academic study. The program requires 51 credits including 39 credits of business core courses with a 12-credit concentration and aligns with the goals of the Division of Management. Concentrations include General Business Management, Entrepreneurship, Finance, Human Resources or Marketing.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Apply finance concepts and analysis to the role of finance across the functional areas of business.
- Integrate marketing concepts in business operations and incorporate effective marketing strategies in making sound business decisions.
- Lead and motivate employees to coordinate production and meet strategic goals.
- Compose professional quality business documents, and prepare and deliver professional presentations on business topics.
- Synthesize the totality of their business education by analyzing and formulating business strategies, business position and its long-term direction, resources and competitive capabilities for implementing strategies formulated, and measuring the success of implemented strategies with a biblical worldview.

## Business Administration (General) Program Summary

Major .....	51
BJU Core .....	51
Electives .....	18
<b>Total (minimum).....</b>	<b>120</b>

## DEGREE COURSES

### Major: 51 credits

Ac 203	Principles of Accounting I (3)
Ac 204	Principles of Accounting II (3)
BA 101	Introduction to Business (3)
BA 109	Business Spreadsheet Analysis (3)
BA 203	Principles of Management (3)
BA 215	Introduction to Human Resources Management (3)
BA 301	Legal Envir & Ethics of Business (3)
BA 320	Applied Statistics (3)
BA 330	Supply Chain Management (3)
BA 418	Management Policies (3)
BA 452	Business Internship (3)
Fin 201	Corporate Finance (3)
Mkt 205	Principles of Marketing (3)
<i>Business Electives (300/400-level) (9)</i>	
SSE 210	Economics for the Professional (3)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communications for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

18 credits and/or select a minor

## SUGGESTED SCHEDULE (General)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bi 205	OT Literature & Interpretation (3)
Com 101	Fundamentals of Speech (3)	BA 215	Intro to Human Resources Mgmt (3)
BA 101	Introduction to Business (3)	Mkt 205	Principles of Marketing (3)
BA 109	Business Spreadsheet Analysis (3)	<i>Math/Computer or Science Elective (3)</i>	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Second Year

SSE 200	Foundations of Economics (3)	Ph 200	Themes in Western Thought (3)
Hi 101	The Making of the Modern World (3)	Ac 204	Principles of Accounting II (3)
Bi 209	NT Literature & Interpretation (3)	BA 203	Principles of Management (3)
Ac 203	Principles of Accounting I (3)	Fin 201	Corporate Finance (3)
<i>English or Writing Elective (3)</i>		<i>Electives or Minor (3)</i>	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Third Year

Sc 200	Essential Science (3)	SSE 210	Economics for the Professional (3)
Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
FA 125	Christianity & the Arts (3)	BA 301	Legal Envir & Ethics of Business (3)
BA 320	Applied Statistics (3)	<i>Electives or Minor (6)</i>	
<i>Business Elective (300/400-level) (3)</i>		<b>Total Credits: 15</b>	
<b>Total Credits: 15</b>			

### Fourth Year

Th 499	Apologetics & Worldview (3)	BA 418	Management Policies (3)
Com 410	Oral Comm for the Professions (3)	<i>Business Elective (300/400-level) (3)</i>	
BA 330	Supply Chain Management (3)	<i>Business Elective (300/400-level) (3)</i>	
BA 452	Business Internship (3)	<i>Electives or Minor (6)</i>	
<i>Electives or Minor (3)</i>		<b>Total Credits: 15</b>	
<b>Total Credits: 15</b>			

## Business Administration (General)

The General Business concentration provides preparation for a broad range of business pursuits. Thorough instruction in accounting, finance, marketing, operations and human resources provides the tools necessary for students to obtain entry-level positions in many different facets of business. In addition, the skills developed through this course of study prepare individuals to start and run their own businesses.

## Business Administration (Entrepreneurship)

### Program Summary

Major .....	51
BJU Core .....	51
Electives .....	18
<b>Total (minimum) .....</b>	<b>120</b>

## DEGREE COURSES

### Major: 51 credits

Ac 203	Principles of Accounting I (3)
Ac 204	Principles of Accounting II (3)
BA 101	Introduction to Business (3)
BA 109	Business Spreadsheet Analysis (3)
BA 203	Principles of Management (3)
BA 215	Introduction to Human Resources Management (3)
BA 220	Introduction to Entrepreneurship & Innovation (3)
BA 301	Legal Envir & Ethics of Business (3)
BA 320	Applied Statistics (3)
BA 330	Supply Chain Management (3)
BA 340	Venture Capital <sup>1</sup> (3)
BA 406	New Venture Capital <sup>1</sup> (3)
BA 418	Management Policies (3)
Fin 201	Corporate Finance (3)
Mkt 205	Principles of Marketing (3)
Mkt 411	Marketing Strategy <sup>1</sup> (3)
SSE 210	Economics for the Professional (3)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	<i>English or Writing Elective (3)</i>
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communications for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
	<i>Math/Computer or Science Elective (3)</i>
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

18 credits and/or select a minor

## SUGGESTED SCHEDULE (Entrepreneurship)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bi 205	OT Literature & Interpretation (3)
Com 101	Fundamentals of Speech (3)	BA 215	Intro to Human Resources Mgmt (3)
BA 101	Introduction to Business (3)	Mkt 205	Principles of Marketing (3)
BA 109	Business Spreadsheet Analysis (3)		<i>Math/Computer or Science Elective (3)</i>
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Second Year

SSE 200	Foundations of Economics (3)	Ph 200	Themes in Western Thought (3)
Hi 101	The Making of the Modern World (3)	Ac 204	Principles of Accounting II (3)
Bi 209	NT Literature & Interpretation (3)	BA 203	Principles of Management (3)
Ac 203	Principles of Accounting I (3)	BA 220	Intro: Entrepreneurship & Innovation (3)
	<i>English or Writing Elective (3)</i>		<i>Electives or Minor (3)</i>
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Third Year

Sc 200	Essential Science (3)	SSE 210	Economics for the Professional (3)
Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
FA 125	Christianity & the Arts (3)	BA 301	Legal Envir & Ethics of Business (3)
BA 320	Applied Statistics (3)	Mkt 411	Marketing Strategy <sup>1</sup> (3)
Fin 201	Corporate Finance (3)		<i>Electives or Minor (3)</i>
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Fourth Year

Th 499	Apologetics & Worldview (3)	BA 406	New Venture Creation <sup>1</sup> (3)
Com 410	Oral Comm for the Professions (3)	BA 418	Management Policies (3)
BA 330	Supply Chain Management <sup>1</sup> (3)		<i>Electives or Minor (9)</i>
BA 340	Venture Capital <sup>1</sup> (3)		<b>Total Credits: 15</b>
	<i>Electives or Minor (3)</i>		
	<b>Total Credits: 15</b>		

<sup>1</sup>For an approved internship related to the Entrepreneurship concentration, BA 452 Business Internship (3) can be taken and substituted for one 3-credit BA Entrepreneurship (300/400-level) course.

## Business Administration (Entrepreneurship)

The Entrepreneurship concentration prepares students to be entrepreneurial leaders and change makers in multiple contexts including new ventures, existing business, not for profits, church and missions. In all of these environments the ability to think critically, solve complex problems and be creative are highly desirable skills. Initially, the concentration will provide a platform for you to link entrepreneurial thought and action with your wider business courses, BJU core, general electives and / or minor. You will then study finance and marketing from an entrepreneurial perspective applying your skills to increasingly complex tasks including consultancy projects and the creation of high growth potential ventures. The aim is to empower you with skills to make a difference in the world for God's glory and the good of those you serves.

## Business Administration (Finance) Program Summary

Major .....	51
BJU Core .....	51
Electives .....	18
<b>Total (minimum).....</b>	<b>120</b>

## DEGREE COURSES

### Major: 51 credits

Ac 203	Principles of Accounting I (3)
Ac 204	Principles of Accounting II (3)
BA 101	Introduction to Business (3)
BA 109	Business Spreadsheet Analysis (3)
BA 203	Principles of Management (3)
BA 215	Introduction to Human Resources Management (3)
BA 301	Legal Envir & Ethics of Business (3)
BA 320	Applied Statistics (3)
BA 330	Supply Chain Management (3)
BA 418	Management Policies (3)
Fin 201	Corporate Finance (3)
Fin 305	Money & Banking <sup>1</sup> (3)
Fin 402	Financial Theory & Application <sup>1</sup> (3)
Fin 404	Advanced Financial Management <sup>1</sup> (3)
Fin 405	Investment Portfolio Management <sup>1</sup> (3)
Mkt 205	Principles of Marketing (3)
SSE 210	Economics for the Professional (3)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communications for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

18 credits and/or select a minor

## SUGGESTED SCHEDULE (Finance)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bi 205	OT Literature & Interpretation (3)
Com 101	Fundamentals of Speech (3)	BA 215	Intro to Human Resources Mgmt (3)
BA 101	Introduction to Business (3)	Mkt 205	Principles of Marketing (3)
BA 109	Business Spreadsheet Analysis (3)	<i>Math/Computer or Science Elective (3)</i>	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Second Year

SSE 200	Foundations of Economics (3)	Ph 200	Themes in Western Thought (3)
Hi 101	The Making of the Modern World (3)	Ac 204	Principles of Accounting II (3)
Bi 209	NT Literature & Interpretation (3)	BA 203	Principles of Management (3)
Ac 203	Principles of Accounting I (3)	Fin 201	Corporate Finance (3)
<i>English or Writing Elective (3)</i>		<i>Electives or Minor (3)</i>	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Third Year

Sc 200	Essential Science (3)	SSE 210	Economics for the Professional (3)
Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
FA 125	Christianity & the Arts (3)	BA 301	Legal Envir & Ethics of Business (3)
BA 320	Applied Statistics (3)	<i>Electives or Minor (6)</i>	
Fin 305	Monday & Banking <sup>1</sup> (3)	<b>Total Credits: 15</b>	
<b>Total Credits: 15</b>			

### Fourth Year

Th 499	Apologetics & Worldview (3)	BA 418	Management Policies (3)
Com 410	Oral Comm for the Professions (3)	Fin 404	Advanced Financial Management <sup>1</sup> (3)
BA 330	Supply Chain Management (3)	Fin 405	Investment Portfolio Management <sup>1</sup> (3)
Fin 402	Financial Theory & Application <sup>1</sup> (3)	<i>Electives or Minor (6)</i>	
<i>Electives or Minor (3)</i>		<b>Total Credits: 15</b>	
<b>Total Credits: 15</b>			

<sup>1</sup>For an approved internship related to the Finance concentration, BA 452 Business Internship (3) can be taken and substituted for one 3-credit Finance (300/400-level) course.

## Business Administration (Finance)

The Finance concentration engages students with a strong foundation in financial management, investments and financial institutions. This knowledge base is supplemented by studies in corporate finance and accounting that provide applications to real-world cases. Students will also gain analytical and quantitative skills as well as practical experience using computer software applications. Students studying in this program are preparing for careers as Credit Manager, Financial Analyst, Commercial Banker, Loan Officer, Securities Analyst, Treasurer, Investment Advisor, Cash Manager, and Trust Account Officer.

## PROGRAM LEARNING OUTCOMES

The student will...

- Define and explain complex financial problems or challenges in diverse business settings and cultures.
- Apply financial business knowledge and skills to real-world problems in local, national, and international markets.

## Business Administration (Human Resources) Program Summary

Major .....	51
BJU Core .....	51
Electives .....	18
<b>Total (minimum).....</b>	<b>120</b>

## DEGREE COURSES

### Major: 51 credits

Ac 203	Principles of Accounting I (3)
Ac 204	Principles of Accounting II (3)
BA 101	Introduction to Business (3)
BA 109	Business Spreadsheet Analysis (3)
BA 203	Principles of Management (3)
BA 215	Introduction to Human Resources Management (3)
BA 301	Legal Envir & Ethics of Business (3)
BA 311	Compensation & Benefits <sup>1</sup> (3)
BA 320	Applied Statistics (3)
BA 325	Managerial & Interpersonal Behavior <sup>1</sup> (3)
BA 330	Supply Chain Management (3)
BA 409	Training Methods <sup>1</sup> (3)
BA 415	Employment Selection & Placement <sup>1</sup> (3)
BA 418	Management Policies (3)
Fin 201	Corporate Finance (3)
Mkt 205	Principles of Marketing (3)
SSE 210	Economics for the Professional (3)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communications for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

18 credits and/or select a minor

## SUGGESTED SCHEDULE (Human Resources)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bi 205	OT Literature & Interpretation (3)
Com 101	Fundamentals of Speech (3)	BA 215	Intro to Human Resources Mgmt (3)
BA 101	Introduction to Business (3)	Mkt 205	Principles of Marketing (3)
BA 109	Business Spreadsheet Analysis (3)	<i>Math/Computer or Science Elective (3)</i>	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Second Year

SSE 200	Foundations of Economics (3)	Ph 200	Themes in Western Thought (3)
Hi 101	The Making of the Modern World (3)	Ac 204	Principles of Accounting II (3)
Bi 209	NT Literature & Interpretation (3)	BA 203	Principles of Management (3)
Ac 203	Principles of Accounting I (3)	BA 311	Compensation & Benefits <sup>1</sup> (3)
<i>English or Writing Elective (3)</i>		Electives or Minor (3)	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Third Year

Sc 200	Essential Science (3)	SSE 210	Economics for the Professional (3)
Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
FA 125	Christianity & the Arts (3)	BA 301	Legal Envir & Ethics of Business (3)
BA 320	Applied Statistics (3)	BA 325	Managerial/Interpersonal Behavior <sup>1</sup> (3)
Fin 201	Corporate Finance (3)	Electives or Minor (3)	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Fourth Year

Th 499	Apologetics & Worldview (3)	BA 415	Employment Selection & Placement <sup>1</sup> (3)
Com 410	Oral Comm for the Professions (3)	BA 418	Management Policies (3)
BA 330	Supply Chain Management (3)	Electives or Minor (9)	
BA 409	Training Methods <sup>1</sup> (3)	<b>Total Credits: 15</b>	
Electives or Minor (3)			
<b>Total Credits: 15</b>			

<sup>1</sup> For an approved internship related to the Human Resources concentration, BA 452 Business Internship (3) can be taken and substituted for one 3-credit BA Human Resources (300/400-level) course.

## Business Administration (Human Resources)

The Human Resources concentration provides the student a foundational understanding of human resources principles and concepts. Students will focus on building skills in the areas of Training, Compensation, Measurement, and Selection and will be challenged to participate through business simulations. Ultimately, students will be trained to identify how functional human resources directly impacts the entire organization. The program lays the foundation for advancement, including certification, in human resources, and is suitable as preparation for graduate study.

## PROGRAM LEARNING OUTCOMES

The student will...

- Apply human resources theory and practice to the working environment.
- Operate training and development programs to foster employee and organizational learning and development.

## Business Administration (Marketing) Program Summary

Major .....	51
BJU Core .....	51
Electives .....	18
<b>Total (minimum).....</b>	<b>120</b>

## DEGREE COURSES

### Major: 51 credits

Ac 203	Principles of Accounting I (3)
Ac 204	Principles of Accounting II (3)
BA 101	Introduction to Business (3)
BA 109	Business Spreadsheet Analysis (3)
BA 203	Principles of Management (3)
BA 215	Introduction to Human Resources Management (3)
BA 301	Legal Envir & Ethics of Business (3)
BA 320	Applied Statistics (3)
BA 330	Supply Chain Management (3)
BA 418	Management Policies (3)
Fin 201	Corporate Finance (3)
Mkt 205	Principles of Marketing (3)
Mkt 300	Global Marketing <sup>1</sup> (3)
Mkt 312	Professional Selling I <sup>1</sup> (3)
Mkt 411	Marketing Strategy <sup>1</sup> (3)
Mkt 414	Marketing Research <sup>1</sup> (3)
SSE 210	Economics for the Professional (3)

### BJU Core: 51 credits

Bi 205	Old Testament Literature & Interpretation (3)
Bi 209	New Testament Literature & Interpretation (3)
Th 350	Bible Doctrines (3)
Th 360	Bible Doctrines (3)
Th 499	Apologetics & Worldview (3)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	<i>English or Writing Elective (3)</i>
Com 101	Fundamentals of Speech (3)
Com 410	Oral Communications for the Professions (3)
Uni 101	Pathways (3)
Hi 101	The Making of the Modern World (3)
SSE 200	Foundations of Economics (3)
Sc 200	Essential Science (3)
	<i>Math/Computer or Science Elective (3)</i>
Ph 200	Themes in Western Thought (3)
FA 125	Christianity & the Arts (3)

### Electives:

18 credits and/or select a minor

## SUGGESTED SCHEDULE (Marketing)

### First Year

Uni 101	Pathways (3)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bi 205	OT Literature & Interpretation (3)
Com 101	Fundamentals of Speech (3)	BA 215	Intro to Human Resources Mgmt (3)
BA 101	Introduction to Business (3)	Mkt 205	Principles of Marketing (3)
BA 109	Business Spreadsheet Analysis (3)		<i>Math/Computer or Science Elective (3)</i>
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Second Year

SSE 200	Foundations of Economics (3)	Ph 200	Themes in Western Thought (3)
Hi 101	The Making of the Modern World (3)	Ac 204	Principles of Accounting II (3)
Bi 209	NT Literature & Interpretation (3)	BA 203	Principles of Management (3)
Ac 203	Principles of Accounting I (3)	Mkt 312	Professional Selling I <sup>1</sup> (3)
	<i>English or Writing Elective (3)</i>		<i>Electives or Minor (3)</i>
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Third Year

Sc 200	Essential Science (3)	SSE 210	Economics for the Professional (3)
Th 350	Bible Doctrines (3)	Th 360	Bible Doctrines (3)
FA 125	Christianity & the Arts (3)	BA 301	Legal Envir & Ethics of Business (3)
BA 320	Applied Statistics (3)	Mkt 300	Global Marketing <sup>1</sup> (3)
Fin 201	Corporate Finance (3)		<i>Electives or Minor (3)</i>
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Fourth Year

Th 499	Apologetics & Worldview (3)	BA 418	Management Policies (3)
Com 410	Oral Comm for the Professions (3)	Mkt 414	Marketing Research <sup>1</sup> (3)
BA 330	Supply Chain Management (3)		<i>Electives or Minor (9)</i>
Mkt 411	Marketing Strategy <sup>1</sup> (3)		<b>Total Credits: 15</b>
	<i>Electives or Minor (3)</i>		
	<b>Total Credits: 15</b>		

<sup>1</sup> For an approved internship related to the Marketing concentration, BA 452 Business Internship (3) can be taken and substituted for one 3-credit Marketing (300/400-level) course.

## Business Administration (Marketing)

The Marketing concentration prepares the student for today's highly competitive business environment. Where buyers have a wide range of product choices, it is increasingly important to closely match company capabilities and market opportunities. Students develop a deep understanding of the role marketers play in business and gain detailed insight into various aspects of marketing processes; including strategy, buyer behavior, market research and analytics, digital and mobile media, marketing communications, sales, services, and new product development. Students explore the changing economic, political, legal, ethical, and cultural contexts in which marketing strategies must be developed through the lens of a distinctively biblical worldview. The program requires 12 marketing credits and 36 business core credits and aligns with the goals of the Division of Management.

## PROGRAM LEARNING OUTCOMES

The student will . . .

- Apply brand and marketing management theory to selling and integrated marketing communication.
- Create appropriate marketing strategies and tactics for domestic, global business and consumer markets.

# COURSES

## DIVISION OF ACCOUNTING

### **Ac 103** Introduction to Accounting I (3 credits)

Introduction to accounting information systems and cycles, journal entries, and the use of spreadsheets in accounting settings. Emphasis on both external and internal users making business decisions utilizing basic accounting information. *Not applicable toward Accounting or Business Administration major. Both semesters.*

### **Ac 104** Introduction to Accounting II (3 credits)

Continuation of concepts introduced in Introduction to Accounting I, including a review of account cycles and journal entries, and analysis using spreadsheet software. Creation and use of financial accounting information to improve personal financial and business decision making, including an introduction to financial statement analysis. *Not applicable toward Accounting or Business Administration major. Prerequisite: Ac 103. Both semesters.*

### **Ac 203** Principles of Accounting I (3 credits)

Fundamental accounting procedures, journals, ledgers, financial statements and uses made of accounting information. Basic principles and procedures in accounting for corporate assets. *Prerequisite: Composite ACT score of 22, Total SAT score of 1100 or Ac 103. Both semesters, Online.*

### **Ac 204** Principles of Accounting II (3 credits)

Basic principles and procedures in accounting for corporate equity, bonds, manufacturing costs, managerial analysis of costs and cost/revenue relationships, special statements, analysis of financial statements and individual budgeting, and taxes. Introduction to business ethics. *Prerequisite: Ac 203. Both semesters, Online.*

### **Ac 205** Accounting Software (3 credits)

Practical use of accounting software for the small business. Provides hands-on experience through the use of practical and real-life small business scenarios. *Prerequisite: Ac 203. Both semesters.*

### **Ac 305** Intermediate Accounting I (3 credits)

Principles and procedures of defining and evaluating assets and determining net income. Current financial accounting model and compound interest concepts. Basic concepts of business ethics. *Prerequisite: Ac 204. Both semesters.*

### **Ac 306** Intermediate Accounting II (3 credits)

Principles and procedures of defining and evaluating liabilities and stockholders' equity. Leases, pension liabilities, income tax allocation, earnings per share, accounting changes, cash flow statements, publicly held entities and different measurement bases of accounting. *Prerequisite: Ac 305. Both semesters.*

**Ac 310** Accounting Information Systems (3 credits)

Prepares students to deal with problems and issues related to computer-based accounting information systems. Presents some fundamental principles of systems development for performing general financial and managerial accounting functions with emphasis on internal control. *Prerequisite: Ac 204. Second semester.*

**Ac 400** Auditing (3 credits)

An overview of the accounting profession and a study of existing auditing standards promulgated by the American Institute of Certified Public Accountants. Analysis of general business ethics and ethics related specifically to the auditing profession. Forensic accounting and auditing for fraud. *Prerequisite: Ac 306. First semester.*

**Ac 401** Taxation for Individuals (3 credits)

Individual taxation, allowed deductions, inclusions and exclusions to income, capital gains, tax computations and credits. *Prerequisite: Ac 204. First semester, Online.*

**Ac 402** Advanced Accounting (3 credits)

Accounting for combined corporate entities and consolidations, including consolidated statements, intercompany transactions, foreign operations and other selected topics. *Prerequisite: Ac 306. First semester.*

**Ac 403** Cost Accounting (3 credits)

The nature and concepts of cost accounting. Cost allocation and distribution; job order, process and standard cost systems; basic cost, volume-profit analysis and budget procedures. *Prerequisite: Ac 204. First semester.*

**Ac 405** Financial Statement Analysis (3 credits)

Emphasizes the use of published reports by decision makers external to the firm (e.g., investors, creditors). Special attention is given to issues such as market efficiency, asset pricing and the impact of financial statement information on equity and debt markets. *Prerequisite: Ac 402. Second semester.*

**Ac 411** Taxation of Business Entities (3 credits)

Corporate taxes, special problems in individual taxation, net operating losses, partnerships, fiduciaries, estate and gift taxes. *Prerequisite: Ac 204. Both semesters.*

**Ac 412** Topics in Advanced Financial Accounting (3 credits)

Selected topics including partnership accounting, governmental and not-for-profit accounting, fiduciary accounting, external reporting and corporate governance for public companies, business ethics, and international accounting standards. *Prerequisite: Ac 306. Second semester.*

**Ac 413** Advanced Managerial Accounting (3 credits)

Advanced cost-volume-profit analysis. Cost behavior and analysis. Techniques of decision-making using relevant cost analysis. Strategic planning, performance evaluation and capital budgeting. Current trends in management accounting. *Prerequisite: Ac 204. Second semester.*

**Ac 415** Accounting Theory (3 credits)

Study and evaluation of competing theories of accounting, including measurement, recognition and valuation issues. Includes historical development of the accounting standard-setting process and exposure to current developments in financial accounting, international standard setting, corporate governance and business ethics. *Prerequisite: Ac 306. First semester.*

**Ac 450** Fulltime Accounting Internship (6 credits)

Placement with a public accounting firm, corporate accounting department, government agency, or ministry. General readings, papers, and reports on internship. Requires at least 240 hours of relevant accounting work experience. *Prerequisite: Ac 306. Excludes: Ac 451 and Ac 452. Both semesters, Summer.*

**Ac 451** Accounting Internship I (3 credits)

Placement with a public accounting firm, corporate accounting department, government agency, or ministry. General readings, papers, and reports on internship. Requires at least 120 hours of relevant accounting work experience. *Prerequisite: Ac 306. Excludes: Ac 450. Both semesters, Summer.*

**Ac 452** Accounting Internship II (3 credits)

Placement with a public accounting firm, corporate accounting department, government agency, or ministry. General readings, papers, and reports on internship. Requires at least 120 hours of relevant accounting work experience. *Prerequisite: Ac 451. Excludes: Ac 450. Both semesters, Summer.*



## DIVISION OF MANAGEMENT

### AEROSPACE STUDIES

**AS 109** Heritage & Values of the United States Air Force I (2 credits)

A survey course designed to introduce students to the United States Air Force and provides an overview of the basic characteristics, missions, and organization of the Air Force. *First semester.*

**AS 110** Heritage & Values of the United States Air Force II (2 credits)

Continuation of AS 109. *Second semester.*

**AS 209** Team & Leadership Fundamentals I (2 credits)

Focuses on laying the foundation for teams and leadership. The topics include skills that will allow cadets to improve their leadership on a personal level and within a team. The courses will prepare cadets for their field training experience where they will be able to put the concepts learned into practice. The purpose is to instill a leadership mindset and to motivate sophomore students to transition from AFROTC cadet to AFROTC officer candidate. *First semester.*

**AS 210** Team & Leadership Fundamentals II (2 credits)

Continuation of AS 209. *Second semester.*

**AS 309** Leading People & Effective Communication I (4 credits)

Teaches cadets advanced skills and knowledge in management and leadership. Special emphasis is placed on enhancing leadership skills and communication. Cadets have an opportunity to try out these leadership and management techniques in a supervised environment as juniors and seniors. *First semester.*

**AS 310** Leading People & Effective Communication II (4 credits)

Continuation of AS 309. *Second semester.*

**AS 409** National Security Affairs/Preparation for Active Duty I (4 credits)

This course is designed for college seniors and gives them the foundation to understand their role as military officers in American society. It is an overview of the complex social and political issues facing the military profession and requires a measure of sophistication commensurate with the senior college level. The final semester provides information that will prepare the cadets for Active Duty. *First semester.*

**AS 410** National Security Affairs/Preparation for Active Duty II (4 credits)

Continuation of AS 409. *Second semester.*

### AVIATION

**Av 101** Private Pilot Ground School (3 credits)

Theory of flight which includes aerodynamics, aircraft systems, airports, communication, meteorology, Federal Aviation Regulations, aerial navigation, cross-country flying, medical factors and safety of flight. Course requirements include the successful completion of the Official FAA Private Pilot Knowledge Test (FAA written exam).

**Av 102** Private Pilot Flight (3 credits)

**Flight 1:** Flight training as necessary to gain knowledge and proficiency to make solo flights. Typically takes about one semester to complete.

**Flight 2:** Flight training as necessary to complete the requirements to obtain the Private Pilot Certificate. Typically takes about one semester to complete. Training includes night flights, cross-country flights and instrument training to meet FAA requirements. *Prerequisite: Av 101.*

**Av 201** Instrument Ground & Commercial Flight 1 (4 credits)

**Ground:** Theory of instrument flying, regulations and procedures for instrument flight, operational techniques including communications, meteorology, en route navigational aids, instrument approach procedures, area navigation equipment, radar, emergency procedures and aeronautical decision making. Course requirements include the successful completion of the FAA Instrument Written Exam.

**Flight 1:** Flight instruction in day and night cross-country flights and instrument flight to increase the proficiency of the Private Pilot.

**Av 202** Instrument Flight (2 credits)

Includes the development of professional skills in IFR procedures, including the use of SIDS, STARS, ODPs, Instrument Landing Systems, RNAV, VOR, radar, air traffic control procedures and IFR emergencies. Course requirements include the successful completion of the Instrument Rating. *Prerequisite: Av 201.*

**Av 301** Commercial Ground & Flight 2 (4 credits)

**Ground:** Advanced training in Federal Aviation Regulations, air traffic procedures, aerodynamics, aircraft performance, basic and advanced aircraft systems, navigation, meteorology, aeromedical factors, crew resource management, and aeronautical decision making. Course requirements include the successful completion of the FAA Commercial Pilot Written Exam.

**Flight 2:** Introduction to the complexities of commercial flight, including advanced maneuvers, commercial required cross-countries, high performance operations and emergency procedures. *Prerequisite: Av 201.*

**Av 302** Commercial Flight 3 (3 credits)

Dual instruction and supervised solo practice on the flight maneuvers required for the Commercial Flight Test. Course includes single-engine commercial maneuvers, optional multi-engine procedures, advanced cross country, night flight and the completion of the multi-engine or single-engine Commercial Pilot Certificate. Prerequisite: Av 301.

**Av 303** Commercial Flight 4 (1 credit)

This course is designed to give the necessary instruction to receive the addition of the airplane single-engine or multi-engine rating on the Commercial Pilot Certificate.

**Av 401** Flight Instructor Ground & Flight 1 (4 credits)

**Ground:** Develops principles and practices of instructor techniques as applied to teaching the Private and Commercial Pilot Certificate applicant. Course requirements include the successful completion of the FAA Fundamentals of Instruction and Flight Instructor Airplane Written Exams.

**Flight:** Course is designed to help develop lesson plan presentations as well as instructional proficiency in a single-engine or multi-engine aircraft, and requires the attainment of the Certified Instructor Certificate.

**Av 402** Flight Instructor Flight 2 (1 credit)

This course is designed to give the necessary instruction needed to add the single-engine or multi-engine airplane to the flight instructor certificate. Attainment of the add-on rating on the Flight Instructor Certificate is required.

**Av 403** Flight Instructor Flight 3 (1 credit)

This course develops instructional proficiency in instrument procedures in a single-engine airplane. Requires the attainment of the Instrument Rating on the Flight Instructor Certificate.

## BUSINESS ADMINISTRATION

**BA 101** Introduction to Business (3 credits)

This course provides an introduction to the important issues and problems encountered in the establishment and operation of a business (particularly small businesses). The subject material will be presented from the perspective of applying biblical principles and stewardship in the business world. *Both semesters.*

**BA 109** Business Spreadsheet Analysis (3 credits)

An in-depth hands-on investigation of spreadsheet technology used in typical business applications. Topics include fundamentals of spreadsheet operation, utilizing spreadsheets to solve quantitative problems in business, basic and advanced spreadsheet formatting techniques, creating spreadsheet reports, creating pivot tables and pivot chart reports, and solving problems using what-if analysis. *Both semesters, Online.*

**BA 203** Principles of Management (3 credits)

An introduction to the management functions of planning, organizing, leading and controlling, and their application to the changing world of business. Particular emphasis is placed on process-centered operations and continuous quality management, toward a goal of total business effectiveness. *Prerequisite: BA 101 and Ac 104 or Ac 204. Both semesters, Online.*

**BA 209** Advanced Business Spreadsheet Analysis (3 credits)

Practical use of spreadsheets to analyze business problems critically and anticipate future business needs. Emphasizes the use of advanced formulas, visualization tools, spreadsheet automation, and sensitivity/scenario analysis to improve communication of historical results and forecasts of expected future outcomes. Utilizes a case-based approach from a variety of business disciplines. *Online.*

**BA 215** Introduction to Human Resources Management (3 credits)

Introduction to the various functions of the Human Resources field. Topics include needs assessment, policies and procedures, benefits, legal issues, consulting, training, safety, and performance appraisals. Both semesters credits, Online.

**BA 220** Introduction to Entrepreneurship & Innovation (3 credits)

An introductory course that focuses on key concepts relating to entrepreneurship theory and practice. The course applies key business theory to the creation, development and launch of a new venture. The context, challenges and rewards of entrepreneurship are also considered. A laboratory fee of \$60 is charged to provide seed money to market test new ventures. *Both semesters.*

**BA 250** IStudies Abroad: Global Business Leadership (3 credits)

This course explores global business leadership from a biblical worldview. It is part of the BJU School of Business study abroad program and is delivered abroad utilizing international business networks. The course provides a framework for a biblical perspective on business leadership and the student will explore the implementation of this framework in a multi-cultural environment abroad. Classroom, games, role play, simulations and experiential learning will be used to enable students to critique contemporary business leadership thinking and its relevance to the biblical leadership framework underpinning the course. *Not applicable toward a business major or minor.*

**BA 301** Legal Environment & Ethics of Business (3 credits)

Background of the American legal system and its Constitutional foundation; public crimes and private torts, contract law, the uniform Commercial code; negotiable instruments; debtor-creditor relationship, ethical systems underlying

government and business behaviors; business organizational forms; government regulation of business; property law; and Cyberlaw. Business ethics examined for all subjects treated. *Prerequisite: BA 101 or Ac 203. Both semesters, Online.*

**BA 311 Compensation & Benefits (3 credits)**  
Emphasis on both new and established approaches to employee compensation and benefits. Views compensation from a strategic perspective to help organizations achieve and maintain competitive advantage. Topics include job analysis and evaluation, design of pay levels and structures, different types of pay plans, and the role and scope of employee benefits. *Prerequisite: BA 215. Second semester, even-numbered calendar years.*

**BA 320 Applied Statistics (3 credits)**  
A software-based course including discrete and continuous probability distributions, hypothesis testing, confidence intervals, correlation, and regression. *Lecture and lab. Identical to Ma 320. Prerequisites: Math ACT 20 or above, or Math SAT 550 or above, or Ma 090 or placement into Ma 103 or higher. Both semesters.*

**BA 325 Managerial & Interpersonal Behavior (3 credits)**  
A study of the supervisory aspects of the administrative environment with an emphasis on leadership, problem solving, team building, communication, process and quality management, and personnel management. *Prerequisite: BA 215. Both semesters.*

**BA 330 Supply Chain Management (3 credits)**  
An introduction to the management of the flow of goods and services in organizations. Specifically examined will be customer service, logistics information systems, inventory and materials management, transportation, warehousing and distribution, material handling and packaging, procurement, supply chain management and e-commerce. *Prerequisite: Ac 204. Both semesters, Online.*

**BA 340 Venture Capital (3 credits)**  
Students will document and assess strategic risk (industry and company) associated with a new business concept. The outcome of this assessment will be used to build forecast financial statements which will be used to value the business enterprise. Financial modeling will be used to determine optimal debt and equity levels of the new business concept. Work will be assembled into a road show presentation to Venture Capitalists. *Prerequisite: Ac 204 and BA 220. First semester, even-numbered calendar years.*

**BA 406 New Venture Creation (3 credits)**  
The course focuses on how to take an idea for a small business and develop a business plan. Topics include the role of small business in the economy; industry, target market and competitive analysis; application of funds; and

development of supporting data. *Prerequisite: Ac 204 and Mkt 205. Both semesters.*

**BA 407 Studies Abroad: Global Entrepreneurship & Innovation (3 credits)**

This course is an advanced study of global entrepreneurship and innovation. It is part of the BJU School of Business Study Abroad program and is delivered abroad utilizing international entrepreneurship networks. Students will acquire the entrepreneurial skills and know-how to develop a business idea all the way from the conceptual stage to the marketplace. Working in multicultural and cross-functional teams students will be guided in building a scalable business model via real-life experiments at a real marketplace with real customer feedback, and launch the MVP (minimum viable product) to build market traction and acquire the first 1,000 customers.

**BA 409 Training Methods (3 credits)**  
Overview of training methodologies in the business environment. Includes field trips, observations, demonstrations, development of materials, and supervised in-class training. *Prerequisite: BA 215. First semester, odd-numbered calendar years.*

**BA 415 Employment Selection & Placement (3 credits)**  
An in-depth study of interview techniques, employee recruitment, and selection and retention, with a basis in current laws and regulations. *First semester, even-numbered calendar years.*

**BA 418 Management Policies (3 credits)**  
A study of comprehensive case studies, readings and industry simulations for implementing strategic plans, as well as internal and external analysis of operations with attention to effective competitive strategies for firms under domestic and global uncertainty. *Both semesters.*

**BA 430 Human Resources Measurement & Metrics (3 credits)**  
A study of various methods of acquiring and analyzing organizational data essential to making strategic HR decisions. Topics include popular software platforms, data collection and data analysis to support the development of practical business solutions. *Prerequisite: BA 320. First semester, even-numbered calendar years.*

**BA 452 Business Internship (3 credits)**  
A part-time professional work experience of 120 hours. General readings and reports on internships. *Both semesters, Summer.*

**BA 453 Advanced Business Internship (3 credits)**  
A part-time professional work experience of 120 hours. Industry specific readings, reports and interviews. *Prerequisite: BA 452. Both semesters, Summer.*

**BA 470** Managing Risks & Global Pressures (3 credits)

A study of the complex problems facing both small and large human resources departments. Topics include unionization and the increasing global pressure associated with finding and maintaining adequate human resources. *Second semester, odd-numbered calendar years.*

**BA 490** Business Degree Completion Capstone (3 credits)

Students produce a thesis, project, or major presentation in connection with an internship or full-time job to fulfill the Degree Completion Capstone course. *Online.*

## CULINARY ARTS

Culinary Arts courses are only applicable to associate degree programs and do not satisfy baccalaureate degree program requirements.

**CA 101** Food & Purchasing (3 credits)

An introduction to the variety of products used in the food service industry. Topics will include the naming, grading, and identification of food products. In addition systems and procedures of good product control will be identified as food products flow through a food service operation. *Second semester.*

**CA 102** Cooking Methods (3 credits)

An introductory cooking course focused on the wholesome and sanitary handling of food products. Emphasis will be placed on stock making, moist heat and dry heat cooking methods, and the selection criteria for select cooking techniques. *Lecture and lab. First semester.*

**CA 104** Introductory Bakeshop (3 credits)

A course in the foundational techniques of small scale and commercial baking. Students will gain an overview of many baked products and their application in the foodservice industry, including yeast doughs, rolled-in doughs, cakes, pies, and custards. *Lecture and lab. First semester.*

**CA 116** Food Service Sanitation & Nutrition (3 credits)

Students will focus on the safe handling of food products and will take an industry recognized sanitation certification exam. Students will study menus given to customers. Areas of study will include portion control, nutritional analysis and creation of healthy menu options. *First semester.*

**CA 118** Professional Catering (3 credits)

A course in practical aspects of commercial food production. Emphasis will be on banquet preparations and on-premise and off-premise catering. Students will receive hands-on experience in the planning, preparation and execution of food preparation activities. *Lecture and Lab. Prerequisite: CA 102. Second semester.*

**CA 125** Desserts & Pastries (3 credits)

The objective is for a student to gain an understanding of practical desserts in today's restaurants. The focus will be on developing production and presentation skills in the pastry shop. This includes cake decorating, classical pastry production and planning the production of wedding cakes. *Lecture and Lab. Prerequisite: CA 104. Second semester.*

**CA 150** Dining Room Operations (3 credits)

The study of both dining room procedures and menu planning. The student will become knowledgeable in front of house setup, management and service. Menu writing and design will apply basic nutrition, organization and function relevance. *Second semester.*

**CA 200** Principles of Food Production (3 credits)

A course focused on advanced food production techniques. The topics will include meat identification and fabrication, preservation, allergen-free cooking, as well as preparation of the Mother and derivative sauces. *Lecture and lab. Prerequisites: CA 118. First semester.*

**CA 203** Fine Dining (3 credits)

A course focusing on the advanced preparations of food, including an introduction to international cuisines. It covers the cooking of meats, seafood, potatoes, vegetables, and use of herbs and spices, dairy products, eggs, rice and pasta. Special attention is given to food quality and presentation. *Lecture and lab. Prerequisite: CA 125, CA 200 and CA 211. Second semester.*

**CA 205** Food Service Management (3 credits)

Discusses the principles governing food service business practices. The course stresses the basic concepts of leadership, organization, standards, communication, control and personnel supervision. *Second semester.*

**CA 211** Culinary Arts Practicum (3 credits)

A course focused on commercial food service operations. The direct areas of focus include sanitary food preparation, production efficiency and a la carte cooking. *Lecture and lab. Prerequisite: CA 118. First semester.*

**CA 225** Cost Controls (3 credits)

A study of the financial management of food and beverage purchases, processes used for determining menu pricing and analysis of income and expenses. *Second semester.*

**CA 299** Culinary Arts Internship (1 credit)

Students are required to acquire 200 hours of work experience in the foodservice field, including restaurants, bakeries and catering operation. Prior approval is required of the location. *Both semesters.*

## FINANCE

### Fin 201 Corporate Finance (3 credits)

Principles and techniques of financial analysis, planning and control, working capital management, capital budgeting, long-term financing and cost of capital. *Prerequisite: Ac 103 or AC 203. Both semesters, Online.*

### Fin 211 Personal & Finance (3 credits)

Financial management strategies including strategies for budgeting, expense control, credit cards, home buying, car buying, insurance, and investing. Principles applied to personal, ministry, and community finance settings. *Online.*

### Fin 212 Introduction to Investments (3 credits)

Introduction to asset classes, financial instruments, securities markets, and risk/return trade-offs. Overview of market efficiency, equity and debt securities, mutual funds, and basic options. *Online.*

### Fin 305 Money & Banking (3 credits)

An introduction to the principles, processes and problems of money and banking, with an emphasis upon the interrelationships of money, banking and the economy. Particular attention is focused upon the commercial banking system and the Federal Reserve System. *Prerequisite: SSE 200. Both semesters.*

### Fin 402 Financial Theory & Application (3 credits)

An in-depth analysis of financial statements and application of principles of finance to actual business situations. Designed to develop decision-making abilities by having students recommend solutions to financial problems. Students will design and use computerized spreadsheet applications to assist in analysis. *Prerequisite: Ac 305 or Fin 201. Second semester, even-numbered calendar years, Online.*

### Fin 404 Advanced Financial Management (3 credits)

A study of special topics in financial management including corporation financial management, personal financial management and church financial management. *Prerequisites: Ac 204 and Fin 201. Second semester, even-numbered calendar years.*

### Fin 405 Investment Portfolio Management (3 credits)

A study of various investment media available to the personal and institutional investor, including stocks, bonds, mutual funds and options. Also examined are methods of identification of investment needs, approaches to determination of portfolio composition and risk management. *Prerequisite: Ac 204. Both semesters.*

## PARALEGAL STUDIES

### PL 101 Introduction to Law & Ethics (3 credits)

This course provides a general introduction to law, including courts, legal terminology, procedures, systems, and laws of society. Emphasis is on Biblical ethics (and a comparison of Biblical ethics to other systems of ethics) and the role of the paralegal in the legal system. *Frist semester.*

### PL 111 Legal Writing (3 credits)

This course presents the skills necessary for effective legal writing, including organization, proofreading, and revision, while providing an overview of legal citations from The Bluebook. *Frist semester.*

### PL 121 Torts (3 credits)

This course reviews the various functions and classifications of tort law, including causation, proximate cause, intentional and negligent torts and defenses. *Second semester.*

### PL 131 Legal Research/Bibliography (3 credits)

This course is a review of legal research methods, proper citation using The Bluebook, use of legal texts, reports, treatises, and digests. Emphasis is placed on engaging students with practical learning projects and scenarios. *Second semester.*

### PL 141 Family Law (3 credits)

This course examines the laws of marriage, annulment, separation, divorce, and custody. *Second semester.*

### PL 201 Business Law (3 credits)

This course is a study of the basics of commercial law as they relate to paralegals, with emphasis on the formation and enforcement of contracts and the rules particular to the Uniform Commercial Code (UCC) and sales of goods. *Frist semester, odd-numbered calendar years.*

### PL 211 Civil Litigation I (3 credits)

This course is a study of the principles of litigation and the rules of procedure for each court in the South Carolina system including pleading, practice, and discovery procedures. The course reviews some of the requirements as they relate to certain kinds of pleadings and filings during the life of a lawsuit. *Frist semester, odd-numbered calendar years.*

### PL 221 Property Law (3 credits)

This course reviews South Carolina property law, including private and commercial property transactions and mortgage foreclosures. *Frist semester, odd-numbered calendar years.*

### PL 231 Will, Trust & Probate (3 credits)

This course focuses on preparing wills and codicils, reviewing the fundamentals of trust and probate administration, and a detailed study of testacy and intestacy. *Frist semester, odd-numbered calendar years.*

**PL 241** Claims Investigation (3 credits)

This course is an in-depth study of investigating claims, interviewing and taking statements, collecting data, assembling, and presenting evidence. A review of Biblical ethics as it relates to taking oaths and telling the truth is included in the course. *Second semester, odd-numbered calendar years.*

**PL 261** Litigation Applications (3 credits)

This course introduces computer applications in litigation and courtroom settings using various software programs. *Second semester, odd-numbered calendar years.*

**PL 351** Civil Litigation II (3 credits)

This course includes an in-depth examination of the principles of litigation, focusing on the application of civil techniques and the role of a paralegal using hypothetical cases. *Prerequisite: PL 211. Second semester, odd-numbered calendar years.*

**PL 381** Paralegal Internship (1 credit)

Students in the Paralegal studies program are required to participate in 300 hours of professional work in a legal environment. Students will be involved in day to day operations. General readings and reports are required. *Prerequisite: PL 101 and PL 131. Second semester.*

## MARKETING

**Mkt 205** Principles of Marketing (3 credits)

An introduction to marketing's role of creating and capturing customer value for both consumer and business markets. Topics include customer-driven marketing strategies, product development, pricing, promotion, distribution, supply chain, competitive advantage, marketing ethics, the global marketplace and sustainable marketing. *Both semesters, Online.*

**Mkt 300** Global Marketing (3 credits)

Examines legal, economic and social factors influencing marketing abroad, as well as the problems of pricing, promotion and distribution of products in foreign markets. Emphasis on internet research, developing marketing strategies and classroom presentation. *Prerequisite: Mkt 205. Second semester, even-numbered calendar years, Online.*

**Mkt 312** Professional Selling I (3 credits)

Practical training in successful selling. Emphasis on the selling process, prospecting, preparation, presentation, handling objections, closing and follow-up. *Prerequisite: Mkt 205. First semester, Online.*

**Mkt 411** Marketing Strategy (3 credits)

Application of marketing principles to strategic management of the firm's marketing program. Emphasis on critical thinking, business decision-making, and developing the firm's marketing plan. *Prerequisite: Mkt 205. First semester, Online.*

**Mkt 414** Marketing Research (3 credits)

Provides research methodologies and skills such as questionnaire design, internet search strategies, statistical analysis, and other principles of data mining which are used in marketing management. A highlight of the course is a team marketing research project applying these marketing intelligence-gathering techniques. *Prerequisite: BA 320 and Mkt 205. Second semester, odd-numbered calendar years, Online.*

**Mkt 415** Professional Selling II (3 credits)

A continuation of Professional Selling I with emphases on leading a sales team with particular focus on recruiting, hiring, training, compensating and formal negotiating. *Prerequisite: Mkt 312. Second semester, even-numbered calendar years.*

**Mkt 470** Integrated Brand Promotion (3 credits)

The most successful marketing campaigns that break through to consumers and deliver the highest return on investment are those where the marketing disciplines are weaved together holistically in the development of a unified marketing strategy and creative execution. Smart marketers know that a common objective, aligned strategies and a consistent message delivered to its target audience maximizes impact and drives efficiency. This course will provide students with a comprehensive understanding of the fundamental tools necessary to create a coherent and fully integrated promotional campaign and why strategically aligning the various marketing functions, and leveraging each disciplines strength's (i.e., paid advertising, public relations, social media, point of purchase and digital marketing) leads to the most impactful marketing campaigns. *Prerequisite: Mkt 411. Second semester, even-numbered calendar years.*



# FACULTY



## DEAN

***Michael Raymond Buiter (1999)***

BS, Bob Jones University;  
MBA, Duke University

## DIVISION OF ACCOUNTING

### DIVISION CHAIR

***Kris Rowland Martin (1986)***

BS, Bob Jones University; PhD, Virginia Polytechnic  
Institute and State University

***Jeffery Alan Bryson (2008)***

BS, Bob Jones University; MBA, Clemson University;  
Additional graduate work, Liberty University

***Andrew Scott Cropsey (2004)***

BS, Bob Jones University; MA, Bob Jones University;  
MBA, Bob Jones University; PhD, Northcentral University;  
Additional graduate work, American College

***Christopher Alton Lee Rawlings (2008)***

BS, Bob Jones University; MBA, College of William and  
Mary; Additional graduate work, Liberty University

## DIVISION OF MANAGEMENT

### DIVISION CHAIR

***Samuel Robert Hucks Jr. (2007)***

BS, Bob Jones University; MBA, Bob Jones University;  
DBA, University of Phoenix

***Jeffrey Carroll Adams (2019)***

BA, University of North Carolina at Chapel Hill;  
MS, University of North Carolina; MBA, DeVry University;  
JD, North Carolina Central University-Durham



***James Eric Brammer (2012-2020, Adjunct)***

BA, Walsh College of Accountancy and Business Administration; JD, University of Notre Dame; Additional graduate work, Walsh College of Accountancy and Business Administration

***William Lee Burkholder (2009)***

BA, Bob Jones University; MBA, Olivet Nazarene University; Additional graduate work, Liberty University

***Alan Joseph Carper (1983)***

BS, Bob Jones University; MBA, Queens University of Charlotte; Additional graduate work, Clemson University and Liberty University

***Stephen Davis Casarow (2017)***

BBA, Georgia State University; MBA, University of Phoenix; DBA, Argosy University; Additional graduate work, University of South Florida, Northcentral University

***Andra Hamilton Dunn (2016)***

BS, Queen's University Belfast; MS, Ulster University; PhD, Queen's University Belfast; Additional graduate work, Ulster University

***Charles Lewis Evans (2020)***

BS, North Carolina State University; JD, The University of North Carolina at Chapel Hill; MA, Bob Jones University

***Robert Allen Hansen Jr. (2002)***

AAS, Bob Jones University; BS, Bob Jones University; MEd, Bob Jones University

***David Wayne Miller (2011)***

BA, Bob Jones University, AAS, Greenville Technical College

***Frederick Charles Newruck Jr. (Adjunct)***

BS, Bob Jones University; MS, Clemson University  
PhD, Clemson University

***Mark Jonathan Swanson (Adjunct)***

BS, Bob Jones University; MAcc, Clemson University



*School for*  
**CONTINUING, ONLINE &  
PROFESSIONAL EDUCATION**

# PROGRAMS

The School for Continuing, Online and Professional Education serves dual enrollment, traditional, and post-traditional students by providing lifelong learning opportunities. In coordination with the University's other academic schools, the School for Continuing, Online and Professional Education offers undergraduate degree completion programs and oversees the development and facilitation of graduate degree programs, certificates, and professional development programs. Instruction from the context of a biblical worldview helps students integrate faith with learning and life. By providing flexible course offerings, individual advising, and student support, the school partners with students to help them achieve their academic goals. The School for Continuing, Online and Professional Education supports the BJU mission to foster spiritual, intellectual, social and physical development and cultural expansion of the individual.

## GOALS

The student will ...

- Apply learning to life.
- Solve authentic, real-world problems.
- Grow personally and professionally.

## DEGREES OFFERED

*In coordination with the other BJU academic schools, the School for Continuing, Online, and Professional Education assist with the course delivery for the following programs:*

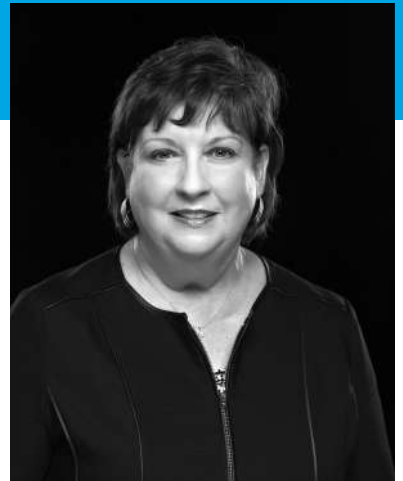
### *Undergraduate Certificates & Degrees*

- The Undergraduate Certificate in Apologetics and Biblical Worldview*
- The Bachelor of Science degree with majors in Professional Studies and Business*
- The Associate of Arts degree with a major in Liberal Arts*
- The Bachelor of Science in Nursing degree with a major in RN to BSN Completion*

### *Certificates & Graduate Degrees*

- The Undergraduate Certificate in K-12 Teaching and Learning*
- The Graduate Certificate in Biblical Counseling, K-12 Teaching and Learning or K-12 Educational Leadership*
- The Master of Arts degree with majors in Biblical Counseling, Biblical Studies and Sport Administration and Coaching*
- The Master of Education degree with a major in Teaching and Learning*
- The Master of Science degree with a major in Educational Leadership*
- The Master of Divinity degree*
- The Master of Music Education degree*

*Please refer to the current BJU Seminary and Graduate Studies Catalog for detailed information regarding each of the degree offerings noted above, including information regarding learning objectives, goals, course offerings and sequencing, and degree conferral requirements.*



**Beverly S. Cormican, EdD**  
*Dean*

## Bachelor of Science, Professional Studies

Jeremy L. West, PhD  
Program Coordinator

### Professional Studies Program Summary

Major .....	51
BJU Core .....	45
Electives .....	24
<b>Total (minimum).....</b>	<b>120</b>

### DEGREE COURSES

#### Major: 51 credits

PrS 301	Cultural Engagement (3)
PrS 350	Ethics for the Professional (3)
PrS 430	Leadership Effectiveness (3)
PrS 490	Professional Studies Capstone (3)

#### Professional Studies Elective (3)

· PrS 311	Professional Presentations (3)
· PrS 312	Communication & Conflict Resolution (3)

#### Concentration(s) (18–36)

·	Biblical/Ministries Studies (18–36)
·	Educational Studies, (18–36)
·	Liberal Arts (18–36)
·	Marketing (18–36)
·	Social Science (18–36)

#### BJU Core: 45 credits

Th 490	Themes in Theology & Apologetics (3)
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#### Bible Elective (3)

Communication Elective (3)

Humanities/Fine Arts Elective (3)

Social/Behavioral Sciences Elective (3)

Mathematics or Science Elective (3)

General Education Electives (27)

#### Electives:

24 credits

The Bachelor of Science in Professional Studies is an interdisciplinary-based, degree completion program for adult learners. This program recognizes prior completed bachelor-level college credit and can be accomplished through a combination of convenient, flexible online courses, in residence coursework, or a combination of both. The major core courses focus on marketable skills and may be tailored to the student's individual career or ministry direction. Coursework consists of 51 credits in the major including concentrations (1 concentration, 36 credits or 2 concentrations, 18 credits each), the BJU Core and general electives. Courses to support the concentration areas are offered by the University's other academic schools. Concentrations include Biblical/Ministries Studies, Educational Studies (non-licensure), Liberal Arts, Marketing or Social Science. Additional concentrations may be considered based upon appropriate credits completed in a subject area. The Professional Studies program supports BJU's goal to prepare students for a lifelong pursuit of learning, loving and leading.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Solve real-world problems related to their choice of careers or ministry.
- Apply discipline-specific theories to practice.
- Articulate a biblical position for issues within their career or ministry fields.

### ADMISSION/ELIGIBILITY REQUIREMENTS

1. Applicants to the Professional Studies degree completion program should consult the general admission information in the introductory section of the undergraduate catalog.
2. Applicants must have completed 45 credits prior to application to the Professional Studies degree completion program.
3. Applicants must have earned a grade of C- on all coursework transferring to BJU.
4. Participation in the Professional Studies degree completion program must achieve a minimum grade of C- in all major/concentration courses and maintain an overall grade-point average of at least 2.0 (not including transfer credits). Individual courses may count toward only one category (major/concentration, BJU Core, or general electives) for the degree.
5. Participation in the Professional Studies degree completion program requires the completion of a minimum of 30 credits through BJU.

## Bachelor of Science, **Business**

Jeremy L. West, PhD  
Program Coordinator

### Business Program Summary

Major .....	51
BJU Core .....	45
Electives .....	24
<b>Total (minimum).....</b>	<b>120</b>

### DEGREE COURSES

#### Major: 51 credits

Ac 203	Principles of Accounting I (3)
Ac 204	Principles of Accounting II (3)
BA 109	Business Spreadsheet Analysis (3)
BA 203	Principles of Management (3)
BA 215	Introduction to Human Resources Management (3)

Fin 201	Corporate Finance (3)
Mkt 205	Principles of Marketing (3)
SSE 200	Foundations of Economics (3)

#### Business Electives (12)

· BA 209	Advanced Business Spreadsheet Analysis (3)
· BA 301	Legal Environment & Ethics of Business (3)
· BA 330	Supply Chain Management (3)
· SSE 210	Economics for the Professional (3)
· Prs 430	Leadership Effectiveness (3)

#### Concentration (15)

· Finance/Accounting (15)
· Marketing, (15)

#### BJU Core: 45 credits

Th 490	Themes in Theology & Apologetics (3)
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#### Bible Elective (3)

#### Communication Elective (3)

#### Humanities/Fine Arts Elective (3)

#### Social/Behavioral Sciences Elective (3)

#### Mathematics or Science Elective (3)

#### General Education Electives (27)

#### Electives:

24 credits

The Bachelor of Science in Business is an online program for adult learners with existing college credit desiring to complete a bachelor's degree. Students may transfer previously earned credits toward the degree. Coursework consists of the BJU Core, business core, one concentration and general electives. It may be completed online, in residence, or both. Business, BS requires 120 credits and supports BJU's goal to prepare students for a lifelong pursuit of learning, loving, and leading.

### PROGRAM LEARNING OUTCOMES

The student will ...

- Apply concepts in accounting, management, finance and marketing to business strategy and operation.
- Lead and motivate employees and associates to accomplish strategic business goals.
- Communicate business information effectively to internal and external audiences.

### ADMISSION/ELIGIBILITY REQUIREMENTS

1. Applicants to the Business degree completion program should consult the general admission information in the introductory section of the undergraduate catalog.
2. Applicants must have completed 45 credits prior to application to the Business degree completion program.
3. Applicants must have earned a grade of C- on all coursework transferring to BJU.
4. Participation in the Business degree completion program must achieve a minimum grade of C- in all major/concentration courses and maintain an overall grade-point average of at least 2.0 (not including transfer credits). Individual courses may count toward only one category (major/concentration, BJU Core, or general electives) for the degree.
5. Participation in the Business degree completion program requires the completion of a minimum of 30 credits through BJU.

#### Finance/Accounting Concentration Courses: 15 credits

Fin 211	Personal & Ministry Finance (3)
Fin 212	Introduction to Investments (3)
Fin 402	Financial Theory & Application (3)
Ac 401	Taxation of Individuals (3)
BA 490	Business Degree Completion Capstone (3)

#### Marketing Concentration Courses: 15 credits

Mkt 300	Global Marketing (3)
Mkt 312	Professional Selling I (3)
Mkt 411	Marketing Strategy (3)
Mkt 414	Marketing Research (3)
BA 490	Business Degree Completion Capstone (3)

# COURSES

## SCHOOL FOR CONTINUING, ONLINE & PROFESSIONAL EDUCATION

### PROFESSIONAL STUDIES

**PrS 301** Cultural Engagement (3 credits)

An introduction to the basic terms, concepts, and analytical techniques that comprise the study of culture. Particular emphasis is given to building cultural competencies that promote cross-cultural understanding, effective communication, and collaborative problem solving. *Online.*

**PrS 305** Interpersonal Communication in Organizations (3 credits)

An overview of intrapersonal effectiveness, interpersonal effectiveness, understanding and working in teams, and leading individuals and groups. *Online.*

**PrS 311** Professional Presentations (3 credits)

Principles of public speaking with an emphasis on presenting in a digital format. Covers the use of digital technologies to deliver business and sales presentations online. *Online.*

**PrS 312** Communication & Conflict Resolution (3 credits)

This course focuses on approaches to understanding and resolving conflict in interpersonal and organizational contexts. Students learn negotiation skills, mediation techniques, and strategies for giving and receiving feedback from a biblical perspective. *Online.*

**PrS 350** Ethics for the Professional (3 credits)

Survey of ethical constructs with an emphasis on applying biblical principles in professional contexts. *Online.*

**PrS 430** Leadership Effectiveness (3 credits)

Analysis and application of the practical skills that leaders and managers need for success in work and ministry contexts. Topics include the leader's vision, communication skills, team development, and self-management. *Online.*

**PrS 490** Professional Studies Capstone (3 credits)

Students produce a thesis, project, or major presentation or complete a practicum or internship to demonstrate their mastery of the learning outcomes for their degree program. *Online.*





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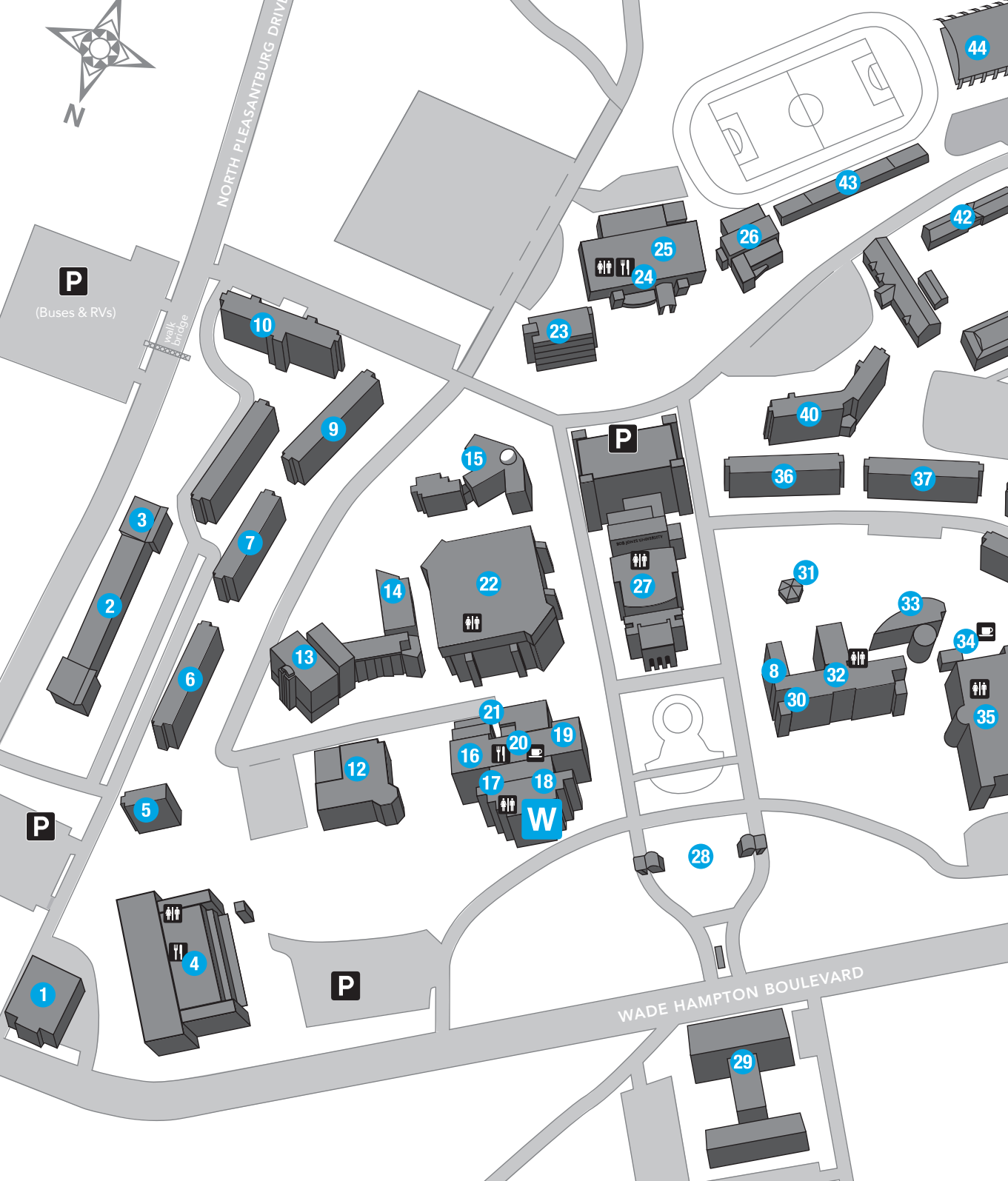
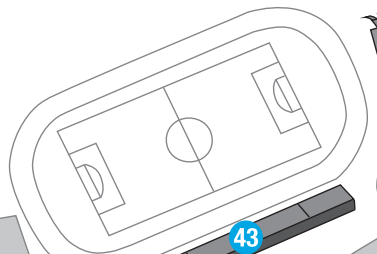
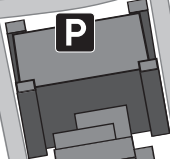
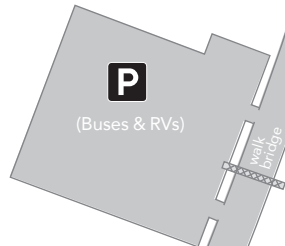
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NORTH PLEASANTBURG DRIVE

WADE HAMPTON BOULEVARD



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(Buses & RVs)

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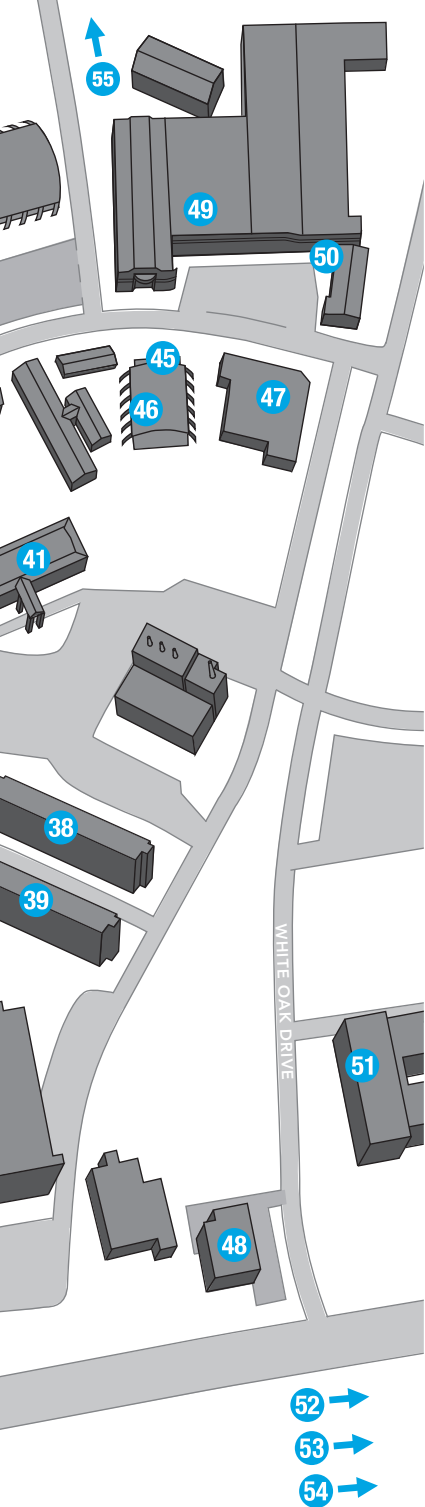
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### **P** Public Parking

*For emergencies on campus, call the main entrance at (864) 770-1350 or ext. 1111, or call the switchboard at (864) 242-5100 and ask for the main entrance building.*



L E A R N . L O V E . L E A D .

**BOB JONES UNIVERSITY**

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