



UNDERGRADUATE CATALOG

— 2013–2014 —



CAMPUS MAP

STUDENT LIFE & ACADEMIC

- Activity Center **44**
- Administration Building **10**
- Alumni Building **34**
- Alumni Stadium **39**
- Culinary Arts **49**
- Davis Field House **29**
- Educator's Marketplace **50**
- Founder's Memorial Amphitheater **21**
- Premont Fitness Center **30**
- Gazabo **32**
- Grace Haight Nursing Building **4**
- Gustafson Fine Arts Center **11**
- Howell Memorial Science Building **17**
- Mack Library **40**
- Main Entrance **28**
- Museum & Gallery **12**
- Office Annex **1**
- Performance Hall **3**
- Rodeheaver Auditorium **27**
- Sargeant Art Building **15**
- Seminary & Evangelism Center **37**
- Stratton Hall **16**
- Student Center **20**
- Temis Courts **14**
- War Memorial Chapel **24**
- Welcome Center **22** **W**

P Public Parking

For emergencies on campus, call the main entrance at 864-279-1350 or Ext. 1111, or call the switchboard and ask for the main entrance building.

FOOD & SERVICES

- Bellis Copy Center **31**
- Campus Store **23**
- Cuppa Jones **69** **W**
- Dining Common **5** **11**
- Post Office **19**
- Snack Shop **18** **11**
- The Fast Break **25** **11**

HOUSING

- Brokenshire Residence Hall **39**
- Estelle Siddons Residence Hall **8**
- Georgia Creed Residence Hall **6**
- Ironside Residence Hall **42**
- Johnson Residence Hall **35**
- Margaret Mack Residence Hall **13**
- Mary Gaston Residence Hall **9**
- Nell Sunday Residence Hall **7**
- Reveral Residence Hall **33**
- Smith Residence Hall **45**
- Campus View Apartments **29**

BOB JONES ACADEMY

- Administrative Offices **49**
- Academy Gym **47**
- High School **41**
- Middle School **43**
- Elementary School **52**
- Primary Center **51**
- Early Learning Center **48**
- Pennington Child Development Center **2**



UNDERGRADUATE CATALOG

Volume 87 • May 2013

A man with short dark hair, glasses, and a goatee is smiling. He is wearing a dark blue pinstriped suit jacket, a light blue dress shirt, and a blue tie with white polka dots. The background is a blurred outdoor setting with warm lighting. A blue horizontal bar is at the top of the page, containing the text 'a MESSAGE' in white.

a MESSAGE

For more than 80 years, Bob Jones University has existed as a vital community of Christian students and those who serve them.

Throughout those years, over 85,000 young people have benefited from the teaching and example of what we believe to be the most wonderful faculty and staff anywhere.

Accredited by the Transnational Association of Christian Colleges and Schools, Bob Jones University is well known for its strong spiritual training and robust academic programs. Our graduates serve the Lord across all vocations.

They are Christian workers, tradesmen, lawyers, doctors, educators and business executives. They are recognized as having what it takes to excel in a turbulent world. They are in demand for their vocational skills, their spiritual steadfastness and their personal character. They are prepared for whatever circumstances they may meet in life—whether those circumstances are prosperity or adversity, peace or war.

The purpose of BJU's founder, Dr. Bob Jones Sr., was "to make this

from the PRESIDENT

university a center of the highest academic standards and Christian culture to which carefully chosen young people will come from all parts of the world and receive their training and from which these trained Christian leaders will go forth to render service to our Lord in all corners of the globe.” It is our belief that today’s Christian young person has no better opportunity to learn how to make a living, and—more importantly—to learn how to live, than in this special place which God has prepared and maintained.

Through a strong liberal arts education, the University prepares each student to be a competent, Christlike example in whatever life context the Lord places him. With our revised Bible and Christian Liberal Arts Core, we’ve modified the required Bible classes to also include courses like Hermeneutics, Doctrines and Apologetics, with the goal of even better educating students to understand, explain and defend the essential doctrines of the Christian faith. Similarly, our liberal arts requirements—English, history, communication, science, math and philosophy—reflect our emphasis that students understand the essential elements of human experience and apply vital communication skills in reading, writing, listening and speaking. Still offering flexibility by allowing students to choose from a variety of electives in addition to courses in their major, we desire that each student assimilate all of life into a biblical worldview.

Bob Jones University has a spirit all its own, combining an atmosphere of culture without cold formality, of youthful enthusiasm without rowdiness and of scholarship without mustiness. 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.

Religiously, our testimony is: “Whatever the Bible says is true.” Standing firmly and aggressively contending for the great foundations of the Christian faith, Bob Jones University is proud to be known as fundamental in its position. We oppose all atheistic, agnostic and humanistic attacks upon the Scripture.

Every class opens with prayer, and our social gatherings blend easily and naturally into times of prayer and challenges from the Bible. We believe in a social life that is above reproach. In all our work and play, in personal life and social relations, we seek to be loyal to the Lord Jesus Christ.

Displayed upon the Bob Jones University crest are the words *Petimus Credimus*, “we seek, we trust.” We seek to inculcate into our students a thirst for knowledge of the arts and sciences, and we seek to satisfy that thirst. Above all, 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.

We invite you to visit us and find out for yourself why we believe Bob Jones University is God’s special place for you.





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.



Mission STATEMENT

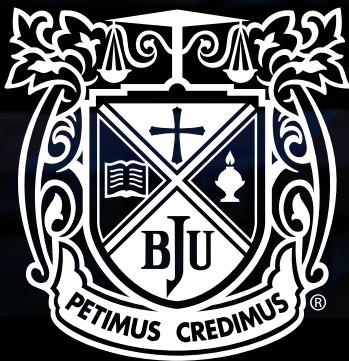
Within the cultural and academic soil of liberal arts higher education, Bob Jones University exists to grow Christlike character that is scripturally disciplined, others-serving, God-loving, Christ-proclaiming and focused above.

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.

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.



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; and the lamp is the light of Truth. 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.



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 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.



Table of Contents

- 2 A Personal Word from The President
- 4 University Charter
- 5 Mission Statement
- 6 Crest
- 7 Christian Philosophy of Education
- 8 The Pledge
- 11 Information Directory
- 12 Academic Calendar
- 14 Admission Information
- 21 Financial Information
- 25 How to Receive Financial Aid
- 34 Accreditation
- 35 Academic Information

45 College of Arts and Science

- 49 Division of English Language & Literature
 - 49 Department of Creative Writing and English
 - 53 Department of Linguistics
 - 53 Department of Philosophy
- 53 Division of Modern Language and Literature
- 55 Division of Natural Science
 - 56 Department of Biology
 - 60 Department of Chemistry
 - 63 Department of Physics and Engineering
- 65 Division of Mathematical Sciences
 - 66 Department of Mathematics
 - 68 Department of Computer Science
- 71 Division of Nursing and Health Science
- 73 Division of Social Science
 - 73 Department of History
 - 75 Department of Social Studies

79 School of Religion

- 81 Division of Bible
 - 84 Department of Ancient Languages
 - 84 Division of Practical Studies
 - 84 Department of Church Ministries
- 87 Department of Missions

91 School of Fine Arts and Communication

- 93 Division of Art and Design
 - 94 Department of Art
 - 95 Department of Design
- 99 Division of Music
 - 100 Department of Music History and Literature
 - 100 Department of Music Theory and Technology
 - 100 Department of Church Music
 - 102 Department of Vocal Studies
 - 103 Department of Keyboard Studies
 - 105 Department of Instrumental Studies
- 107 Division of Communication
 - 107 Department of Communication Studies
 - 110 Department of Journalism and Mass

- Communication
- 112 Department of Cinema
- 113 Department of Theatre Arts

115 School of Education

- 120 Division of Teacher Education
 - 121 Department of Early Childhood Education
 - 122 Department of Elementary Education
 - 123 Department of Middle School Education
 - 125 Department of English Education
 - 126 Department of Modern Language Education
 - 128 Department of Mathematics Education
 - 129 Department of Music Education
 - 134 Department of Science Education
 - 136 Department of Social Studies Education
 - 137 Department of Special Education
- 138 Division of Physical Education and Exercise Science
- 140 Division of Psychology

143 School of Business

- 144 Division of Accounting
- 146 Division of Management

151 COURSES OF INSTRUCTION

152 College of Arts and Science

- English as a Second Language
- University Courses
 - Freshman Seminar
- 152 Division of English Language and Literature
 - Creative Writing, English, Linguistics, Philosophy
- 155 Division of Modern Language and Literature
 - Chinese, French, Spanish
- 157 Division of Natural Science
 - General Science, Biology, Chemistry, Astronomy, Electronics, Engineering, Physics
- 163 Division of Mathematical Sciences
 - Mathematics, Computer Science
- 167 Division of Nursing and Health Science,
 - Nursing, Foods and Nutrition
- 168 Division of Social Science
 - History, Criminal Justice, Economics, Geography, Political Science, Sociology

171 School of Religion

- 171 Division of Bible
 - Bible, New Testament, Old Testament, Greek, Hebrew
- 174 Division of Practical Studies
 - Homiletics, Pastoral Studies, Church Ministries, Cross-Cultural Service

177 School of Fine Arts and Communication

- 177 Fine Arts
- 177 Division of Art and Design
Art; Apparel, Textiles and Design; Graphic Design; Interior Design; Photography
- 182 Division of Music
Music History and Literature, Music Technology, Music Theory, Church Music, Voice, Organ, Piano, Piano Pedagogy, String Instruments, Woodwind Instruments, Brass and Percussion Instruments
- 190 Division of Communication
Communication Disorders, Communication Studies, Journalism and Mass Communication, Professional Writing, Cinema Production, Theatre Arts

196 School of Education

- 196 Child Care, Professional Education
- 197 Division of Teacher Education
Secondary Education, Early Childhood, Elementary Education, Middle School Education, Music Education, Special Education
- 205 Division of Physical Education and Exercise Science

- Health and Physical Education
- 207 Division of Psychology

208 School of Business

- 208 Division of Accounting
- 209 Division of Management
Business Administration, Finance, Human Resources, Marketing, Culinary Arts

213 CAMPUS INFORMATION

- 213 Buildings and Equipment
- 216 The University
- 222 Auxiliary Ministries
- 229 Personnel 2012–13
- 232 Faculty

238 INDEX

Information

For Information On:

Write To:

General Information, Admission and Catalogs	Director of Admission
Transcripts and Records of Incoming Students	Director of Admission
Fees, Expenses, Methods of Payment	Chief Financial Officer
Academic Reports, Course Offerings and Other Scholastic Matters	Registrar
Graduate Programs	Dean of Arts & Science, Education, Fine Arts and Communication or Seminary and Graduate School of Religion
(Secure Seminary and Graduate Studies Catalog for more information)	
Alumni Information	Director of Alumni Relations
BJU Distance Learning	Director of Center for Distance Learning
BJU Museum & Gallery	Director of Museum and Gallery
Employment	
Faculty	Provost
Staff	Director of Human Resources
Graduate Assistantships	Director of Human Resources
Gifts, Bequests and Scholarship Donations	Chief Financial Officer
Outreach Ministries	Director of Outreach Ministries
BJU Press Publications	Director of Marketing
Student Employment and Housing	Director of Student Services
Summer Session	Registrar
Transcripts and Records of Former BJU Students	Transcript Clerk
Visiting Students Activities	Admission
Visitor Residence Hall Reservations	Admission



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 conforms to specific policies and regulations of BJU.

2013-14

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2014

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27	28	29	30	31		

Admission Information

General Requirements

This catalog does not constitute a contract between Bob Jones University and its students on either a collective or individual basis. It represents the school's best academic, financial and social planning at the time the catalog was published. Course and curriculum changes, modifications of tuition, fees, and other charges, plus unforeseen changes in other aspects of Bob Jones University life sometimes occur after the catalog has been printed. Because of this, Bob Jones University does not assume a contractual obligation with students for the contents of this catalog.

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

Students under 23 years of age must live in university residence halls unless married or housed with close relatives. Those at least 23 years of age may attend either as residence hall students or as day students. A student must be 23 years of age or older, or married and at least 20 years old at the end of a semester if he intends to be a day student. Once a student who qualifies to live in town begins a semester or summer session in the residence hall, he may not move into town until the beginning of the next semester or summer session.

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

Notification of Nondiscriminatory Policy

Students of any race, color, age, sex, national origin, protected disability or veteran status are admitted to all the rights, privileges and activities generally accorded or made available to students at Bob Jones University. BJU does not discriminate on the basis of race, color, age, sex, national origin, protected disability or veteran status in its administration of its educational policies, admission policies, scholarship and loan programs, and athletic and other school-administered programs. The pronoun "he" as used throughout the catalog generically refers to all students.

ACT

ACT scores are required of all undergraduate applicants. Each applicant is urged to apply for and to take the required examination well in advance of the semester for which he seeks admission. Any applicant who finds it impossible to take this test prior to his enrollment will be tested at the beginning of his first semester in residence.

The examination is administered nationally on established schedules with a closing date for each administration. Information, dates of administration, online registration, etc., are available at www.actstudent.org. High school students may also secure information about this test from their principals or counselors or by contacting Admission at Bob Jones University. In completing the test application form, be sure to indicate that a copy of your scores is to be sent directly to Bob Jones University. **The ACT code number for our institution is 3836.** These test scores are useful in processing a student's application and in advising him during his college career.

How to Apply for Admission

Students Attending College for the First Time

1. Apply online at www.bju.edu/apply or call (800) 252-6363 to request an application.
2. Fill in the application form completely.
3. Submit this form with a non-refundable \$45 application fee. (Paper copy only)
4. Request an official high school transcript be sent to the Bob Jones University Admission Office.
5. Arrange to take the American College Test (ACT) by going to www.actstudent.org. The ACT code number for our institution is 3836. If already taken, request a copy of your scores to be sent to us.
6. Upon receipt of these materials and the references noted on the application, Admission will process your application, notify you of your 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 from which you have previously take coursework to send a complete transcript to Bob Jones University.

Students Who Previously Attended Bob Jones University

1. Apply online at www.bju.edu/apply or call (800) 252-6363 to request a paper application for reenrollment.
2. Fill in the application form completely.
3. Upon receipt of these materials, the Admission Office will process your application, notify you of your admission status and send further information.

Former Students Who Have Been Suspended or Denied Reenrollment

Students who are suspended or denied reenrollment from Bob Jones University may be reconsidered for readmission for a term that begins at least one complete semester following the time of their termination.

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

Time Required for Processing of Application

The application deadline for 1st semester is August 1 and for 2nd semester it is December 1. 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. The paper application must be accompanied by the \$45 application fee in order to be processed. It is necessary to secure the high school record, the character recommendations, and college transcripts of any coursework and to coordinate all these records in the Admission Office before the admission decision can be made. Following an applicant's acceptance, a non-refundable reservation fee of \$250 must be paid to confirm his reservation (due 1st semester, May 1; 2nd semester, November 1). Upon enrollment, the \$250 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 himself as much time as possible for the processing of his application.

All reservations are contingent upon the applicant submitting a medical health form prior to the opening of the semester in which he enrolls.

Freshman Admission by High School Certificate Freshman Standing

Each applicant must request that his high school forward a copy of his 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 is recommended for college work and provided 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 deficient in entrance requirements, but whom BJU is willing to accept, must make up deficiencies by taking additional credits on the university level. These credits are added to the total of 128 minimum required for graduation. 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 130 credits for graduation; a student deficient one unit, 131 credits for graduation, 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

Bob Jones University offers a means of enriching the education of outstanding high school-age students by taking college classes prior to the completion of high school.

To apply for college classes prior to high school graduation, each student must:

- Have completed sophomore year of high school
- Earn A- or B-level grades in high school coursework
- Provide a school official's name for a reference

Students still enrolled in high school are eligible for special tuition discounts through Bob Jones University but are not eligible for Title IV federal financial aid.

Qualified high school students may take college courses as:

1. Resident Classes (Semester and/or Summer Sessions)—Attend classes on campus during a term with college students. For more information about enrolling in resident classes, call (800) 252-6363.
2. Online Classes—Follow structured deadlines over specified consecutive weeks with flexibility to fit the student's schedule and provide interaction with the instructor and students. For more information go to www.bjuonline.com or call (800) 252-6363.

Freshman Admission by Examination

Students whose educational backgrounds have been irregular, but whom BJU is willing to accept, may be admitted on any of the following bases:

Equivalency Diploma

The High School Equivalency Diploma or certificate is now issued by the state departments 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 the specific entrance requirements.

GED Tests

The General Education Development Tests also serve 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 entrance requirements. In some circumstances advanced standing is given on the basis of the College Level GED Tests.

Other Admission Categories

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.

Special students are not required to remove entrance deficiencies and may take any course for which they have met the prerequisites. It should be borne in mind, however, that BJU does not permit any student to take all his 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 he has applied and been admitted as a special student or unless, after he has been admitted as a regular student, he has been given permission by the Registrar to become a special student. The fact that a residence hall student may be classified "Special" academically does not mean that he 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 10 credits constitute the minimum full-time load in BJU and since all residence hall students are full-time students, a part-time student by definition is any student carrying less than 10 credits. All residence hall students are required to carry a minimum of 12 credits. Many part-time students are wives 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. Many part-time students by nature of their program of study are special students, although some part-time students follow a regular program of study.

To secure permission to register, a part-time student must follow the regular procedure in filing application for admission. A student carrying 6–11 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 each year a number of students who are of American citizenship but who were born and have been reared in foreign countries.

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, needs 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 of meeting certain requirements of his own country plus the requirements of the United States for approval to

study in this country. Before a letter can be sent from BJU to the student to assist him in securing the necessary credentials to leave his own country to enter the United States for study, the international student must:

1. Submit the electronic application with the \$250 reservation fee for the semester for which the reservation is requested (must be in United States funds). In the event the application should be denied, \$250 will be refunded.
2. Furnish satisfactory evidence as to his character, ability to meet his financial obligations in this country and academic preparation for study in an American university. He must also provide proof of his proficiency in the English language.

In establishing his academic preparation for study in Bob Jones University, students educated outside the United States will have their secondary education records evaluated at BJU. Students with post-secondary study outside of the United States must submit a credential evaluation report from World Education Services (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 should submit his application with all the necessary credentials at least six months to a year in advance of the semester in which he 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 by the Credentials Committee, which is final and binding in all cases. It is understood that the international student in claiming his reservation accepts this provision as part of his contract with BJU.

Bridge to College English

Purpose

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 program includes non-credit courses in various aspects of English and college-level courses in Bible and speech, as well as the Freshman Seminar. 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.

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.

Minimum TOEFL Entry Requirements	TOEFL Internet (IBT)	TOEFL Paper (PBT)
Undergraduate Level	48 (section scores of 10)	460
Graduate Level	62 (section scores of 15)	510

Program Learning Outcomes

The student will:

- Comprehend and communicate in English well enough to succeed in college-level courses at Bob Jones University.
- Use study skills that will enable them to succeed in college-level courses at Bob Jones University.

Content

The core of the BCE program 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 will receive generous amounts of friendly individual attention. As part of the program he will receive special help in listening to lectures and taking notes, as well as in 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 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*.

Admission to Advanced Standing

Transfer students seek admission to BJU 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 himself is 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 should be requested at the time the application is mailed to BJU 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 he has successfully completed one semester of resident study leading toward a degree from BJU. 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 bear in mind that the academic year in Bob Jones University is divided into two semesters of 16 weeks each and that the unit of credit is the semester hour. Quarter hours are converted into semester hours at the ratio of 3:2—that is, three quarter hours equal two semester hours. While every effort is made within the regulations to give the transfer student full value of his previous work, no fractional credits are recorded and course credits of a fragmentary nature are disallowed.

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 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 to Degree Completion Program

BJU's Degree Completion Program (DCP) is designed for:

- Former college students who were not able to complete their undergraduate programs and who desire to earn a degree.
- Graduates of BJU's three-year associate degree who desire to complete a bachelor's degree.

Students accepted are able to build upon courses previously completed and may finish degree requirements by distance learning through BJUOnline, in residence or by approved transfer work.

Qualifications

- Completed one year of residence coursework from BJU or a recognized institution.
- Be at least 25 years of age.
- 5 years since enrolled as a college student.
- Admission acceptance for appropriate degree.

Available Degrees

- Associate of General Studies (AGS)—Equivalent to a two-year program with one or two concentrations
- Bachelor of General Studies (BGS)—Equivalent to a four-year program with one or two concentrations

- Bachelor of Arts in Practical Christian Training (BAPCT)—A specially designed terminal program that builds upon BJU's three-year associate degree with bachelor Bible and liberal arts core courses

Admission as a Graduate Student

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

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 find himself deficient in entrance requirements when transferring. Such deficiencies, if any, will be indicated on the registration materials given to the transfer student when he enrolls. 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 in the final GPA. The student is required to earn a cumulative GPA of 2.0 or higher in courses taken at BJU in order to earn an associate or a bachelor's degree from BJU.

Transfer Credit Regulations

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

1. It is the policy of BJU to consider for transfer, credits earned in a regular college or university or other institution of collegiate level. The accreditation status of the other institutions will be a factor in transfer credit decisions, but it will not be the sole or primary factor.
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. Studio art courses are validated by presenting a portfolio to the art 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. A course to be accepted 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 as defined in this 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 previous work. A limited number of such credits are transferable as general electives.

5. In transferring credits, all evaluations are made in terms of courses as they appear in the University 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 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 BJU in any one field of study not to exceed 30 credits. For example, a student who has had extensive training in religion elsewhere may not expect to transfer more than 30 credits in religion. If the student expects to major in the field in which he presents the maximum number of transfer credits, he must complete a minimum of 12 credits in his major field in 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 his college program, it should be borne in mind that the "in residence" regulation requires a candidate for a degree to complete a minimum of 30 credits in at least two semesters of residence in 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 BJU for graduation.
9. BJU 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 three to two; 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. Only three credits in English Composition may be earned by any combination of AP or CLEP credits.

A total of six credits of English credit may be earned by IB, excluding AP and CLEP programs. The total credit earned through AP, CLEP and IB programs is limited to 30 credits which includes any credit in transfer presented from approved correspondence schools. 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 final semester of coursework in residence at Bob Jones University.

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 of \$50 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 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 this 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. BJU does not accept in transfer any work done in the field of religion by correspondence.

Health Services

All new students are required to have an entrance physical. The student's family physician should perform this exam before the student arrives at campus. The Medical/Health form is to be completed and returned to University Health Services before arriving on campus. Students not meeting this requirement will have to have a physical and laboratory studies performed by Christian physicians practicing at a clinic near the campus.

Bob Jones University maintains an infirmary for students who are too ill to attend classes. Christian physicians practicing in a clinic near the campus treat students referred by an infirmary nurse. Cases of surgery or serious illness requiring hospital care may be admitted to hospitals in Greenville.

Financial Information

Full-Time Students

Tuition per semester (10–18 credits)	\$6410
Room and board per semester	2895
Additional credits above 18, per credit	320
Program fee per semester	\$305–477

Part-Time Students

Tuition per credit (1–9 credits)	\$641
Program fee (1–5 credits) .....	.50% of program fee
Program fee (6–9 credits)75% of program fee

Summer Sessions 2013

Tuition

Per credit hour	\$427
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Room and Board

Four-week session	\$725
Two-week session	362

Distance Learning

Online Classes

Tuition per credit	\$305
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ProctureU Testing Service

(used by all online classes)	\$15 per test
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Tuition

- The full-time tuition rate for undergraduate students includes a load of 10–18 semester credits. There will be an additional per credit hour charge for any load over 18 credits.
- 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.
- Part-time students who audit or repeat a course will be required to pay the regular per credit charge for those courses.
- **Summer Session:** Tuition for resident courses is due at the time of registration. No refund of tuition will be given if the course is not completed.
- **Distance Learning:** Tuition for all distance learning courses will be charged separately from in-residence courses

Fees

Program Fee (per semester)	\$305–477
Admission	
Application	\$45
American College Testing Residual Test (Not a BJU fee)	32
Reservation deposit (new student)*	250
Reservation deposit (returning student)*	50
<i>*Credited against the first month's billing.</i>	
Graduation	
Associate and bachelor's degrees	\$100
Diploma reorder	40
Nursing pinning	160
Records Office	
Add a course	\$5
Drop a course	5
Instrument Rental	100
Validation examination fee per examination	50
TOEFL Examination fee	25
Vehicle Registration	
Per semester	\$90
<i>Rates subject to change if necessary.</i>	

Explanation of Fees

Application Fees

New students submitting a paper application must include a \$45 application fee with their submission. There is no application fee required for applications submitted electronically through the BJU website. Once a student has been notified of his acceptance, a reservation deposit of \$250 for new students or \$50 from former students will be due by May 1 for first semester and November 1 for second semester. The application fee is non-refundable; however, in the event that BJU finds it necessary to cancel a student's reservation, the reservation deposit only will be refunded.

Program Fee

A program fee will be charged to all students at the beginning of each semester. The program fee covers the use of the library, post office box rental, use of the athletic facilities, registration expenses, email access in the library and computer labs, computer network access, admission to Intercollegiate games and supply fees associated with many courses. The program fee will vary according to the student's major as expenses for each major differ greatly. The fee also covers Concert, Opera & Drama Series Tickets for students who are enrolled in at least 6 credits. All privileges covered by the program fee are forfeited for the remainder of the year if a student withdraws from school for any reason.

Graduation

All students who are candidates for graduation will be charged the graduation fee. This fee covers the cost of the diploma and the rental of academic regalia and are 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.

Vehicle Registration

Students who bring an automobile or motorcycle to campus must register their vehicle with the Department 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.

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 the 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.

A \$100 credit will be applied to a full-time student's account if the balance is paid in full by August 5 for first semester and January 5 for second semester. In order to receive this credit, all required financial aid paperwork must be received and processed by July 1 so that any expected aid can be posted on the student's account and listed on the first statement.

Amount owed	1st semester	2nd semester
25% of the total balance	Aug. 5	Jan. 5
33⅓% of the total balance	Sept. 5	Feb. 5
50% of the total balance	Oct. 5	Mar. 5
100% of the total balance	Nov. 5	Apr. 5

Billing Statements

Paper billing statements will be mailed on approximately the 16th of each month. If paperless billing has been requested, notification will be emailed that the statement is available online.

Students may view their account and statements online at any time through Student Central. Students may also grant others rights to view their account and statements online.

Methods of Payment

- Payments may be made online by students or those 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 the business office. Payments may be made in person at the business office counter with check, cash, Discover, MasterCard or VISA. (A fee will be added for credit card payment.)
- Payments received by the business office after 4 p.m. will be credited to a student's account the next business day.

Late Fees

A 1 percent finance charge will be charged on any unpaid portion of the minimum payment due if not paid by the date due. The student's campus ID card will also be blocked from any campus charging until the account is brought up to date.

Return Check/ACH Policy

A \$20 returned check fee will be charged on any check or ACH payment returned by a bank unpaid.

Financial Terms

Early Withdrawal

Any new student who withdraws after classes begin or any present or former student who leaves after completing the check-in process for any term will owe tuition, program fee, and room and board, if applicable through the date of withdrawal with a minimum due of 20 percent of the semester rate. This applies to students who leave for any reason—either voluntary withdrawal or suspension/expulsion. If a student has paid more than the required amount due, a refund will be made.

Any present student who withdraws at the change of semester, must state his intention no later than 12 days prior to the first day of classes for second semester.

Course Withdrawal Adjustment Policy

No adjustment will be made in tuition or program fees for courses which are dropped after 5 weeks.

Christmas Vacation Room and Board

Because the Christmas holiday period is not included in the regular academic year, any student who wishes to remain on campus during this period will be charged \$25* per day for room and board. *Fee subject to change

Collection Fees

If it becomes necessary to refer unpaid charges to a collection agency, the cost of collection (33 percent of the outstanding balance) 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 the business office before a transcript can be released.

Return of Title IV Funds Policy

Federal regulations state that students who withdraw from school may keep only the Title IV financial aid funds they have earned up to the date of withdrawal. Students earn federal financial aid by attending classes.

If a student withdraws prior to completing 60 percent of the period or term, the Financial Aid Office 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. If that date is not known, the midpoint of the semester date will be used. The funds to be returned will be calculated by the Financial Aid Office based on

a formula provided by the 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 school 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 school 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 Department of Education in the following order:

Refunds are allocated in the following order:

- Unsubsidized Federal Stafford Loan
- Subsidized Federal Stafford Loan
- Federal Parent (PLUS) Loan
- Federal Pell Grant
- Federal Supplemental Opportunity Grant
- Other Title IV assistance
- Other state
- Private and institutional aid
- The student

How to Receive 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 his junior year of high school or the summer before his 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 for each year is available beginning January 2 at fafsa.gov. The Bob Jones University school code is 003421.

The FAFSA application process will identify your 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 to determine not only federal aid but also is used 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 Award Letter

Once the financial aid process has been completed, the Financial Aid Office will send an award letter. This letter 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, be sure to complete the FAFSA and all non-government and non-BJU scholarship, grant and loan applications **by March 1** of each year

Grants and Scholarships

Federal

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

Source	Eligibility	Amount per year
Pell Grant	Financial need	\$555–5,550
Federal Supplemental Educational Opportunity Grant (FSEOG)	Must have a 0 EFC from the FAFSA	\$500

South Carolina Grant Opportunities

The following grants are available for qualifying South Carolina residents.

Source	Eligibility	Amount per year
South Carolina LIFE Scholarship	Academic merit Must be a S.C. high school graduate	up to \$5,000; \$7,500 available for math and science majors (sophomore and above)
South Carolina HOPE Scholarship	Freshman students only; Academic merit; must be a S.C. high school graduate	\$2,800
Palmetto Fellows Scholarship Program	Academic merit; must be a S.C. high school graduate	\$6,700 for freshmen; \$7,500 for sophomores and above; \$10,000 for math and science majors (sophomore and above)

South Carolina Tuition Grant	Based primarily on financial need (requires the completion of a FAFSA by June 30)	up to \$2,700 per year and must be used for tuition and fees
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BJU Grants and Scholarships

Source	Eligibility	Amount per year
BJU Founder's Grant	Residence hall student EFC below 7,400	Up to \$2,500
Ministry Jubilee	Residence hall student At least one parent in full-time vocational Christian ministry	Up to \$5100
BJU Legacy Scholarship	BJU alumni parent(s) Enrolled full-time	Up to \$1,000
Academic Excellence and Leadership Award	ACT 25+ Enrolled full-time Renewal; maintain minimum 3.2 GPA	Up to \$1,500

Other Grants And Scholarships

Charitable Organizations

The following 501(c)(3) charitable organizations provide assistance to BJU students. Recipients of these scholarships are selected by the private board for each fund.

Source	Eligibility*	Amount per year
Demonstrative Need Scholarship Fund (includes USA Fund and League Disability Fund)	Apply at www.dnsfund.org by March 1 for the following school year; U.S. citizens and eligible non-citizens must also complete a FAFSA by March 1; awarded to students who demonstrate academic ability, spiritual leadership and financial need	Up to \$3,000
Hispanic Assistance Fund	Apply at www.hafund.org by April 1 for the fall semester and November 15 for the spring semester; U.S. citizens and eligible non-citizens must also complete a FAFSA by April 1; awarded to Hispanic students who demonstrate academic ability, spiritual leadership and financial need	Up to \$2,500
Minority Scholarship Fund	Apply at www.msfund.org by January 31 for following school year; African-American, African, Pacific Islander, Asian and Native American students who demonstrate academic ability, spiritual leadership and financial need	Up to \$2,500

* Recipients of these scholarships will be selected by a private board. Separate applications in addition to FAFSA are required. Applications are available on the BJU Web page.

Additional Resources for Scholarships

The following resources provide information concerning additional sources of aid.

- *The Scholarship Book* (Prentice Hall) is available at most public libraries.
- Searchable online databases provide access to private scholarship information.

www.fastweb.com

www.scholarships.com

Federal Loans

Federal Direct Student Loan Programs

The Department of Education has two Federal Stafford Loan Programs: the need-based subsidized Federal Stafford and the non-need unsubsidized federal Loan Programs. It is possible for a student to qualify for both programs. However, a student may never borrow more than the designated loan limit or exceed the total cost of attendance (COA) for the academic year. Limits on how much students can borrow per loan are established based on dependency status and academic classification.

- Subsidized (Need-based)

The Stafford subsidized loan provides eligible students up to \$3,500 for freshman, \$4,500 for sophomores, and up to \$5,500 for juniors, seniors, and fifth-year undergraduate students. The government pays (subsidizes) the interest on this loan as long as the student is enrolled at least half-time in school. For subsidized loans first disbursed after July 1, 2012, the interest rate is fixed at 6.8 percent.

- The federal government makes available to all students \$2,000 in an unsubsidized loan. The unsubsidized Stafford loan carries a fixed interest rate of 6.8 percent.

The subsidized and unsubsidized Stafford loans are requested through the BJU Financial Aid Office. In order to accept the loans, the student must complete the Entrance Counseling and Master Promissory Note at www.studentloans.gov.

Parent PLUS Loan

The Parent PLUS loan is available to parents of a dependent, undergraduate student to help fund his 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.

Private Loans

Non-government loans tend to charge higher interest rates that vary from lender to lender. For this reason, BJU recommends federal student loans first and private loans only to cover the difference. A preferred lender list can be found at www.bju.edu

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
- *BJU 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 Student Financial Aid & Veteran Benefits

Bob Jones University Standards of Satisfactory Academic Progress (SAP) measures a student's academic performance in the following three areas: completion rate, cumulative grade point average (GPA), and maximum time frame (Pace). The Financial Aid Office is responsible for ensuring that all students who receive federal financial aid are meeting these standards. The Standards of Satisfactory Academic Progress apply to all federal, state, institutional financial assistance programs and veteran benefits through the U. S. Department of Veterans Affairs. Progress will be measured at the end of each payment period, semester or summer, that a student is taking classes.

Undergraduate Standards

(excluding Nursing and Division of Teacher Education)

1. Completion Rate

At the end of each payment period, a student's academic progress will be measured by comparing the number of attempted credits with the earned credit hours (i.e., received a grade of A, B, C or D). This includes any course for which the student has remained enrolled past the Drop/Add period. A student must earn 70 percent of credits attempted to maintain satisfactory academic progress.

The following are considered when evaluating a student's satisfactory academic progress:

- Withdrawals (W's and WF's), incompletes and failures are considered attempted but not earned hours.
- Passing credits received for pass/fail courses are considered attempted and earned credits; failing grades in pass/fail courses are considered attempted but not earned.
- Repeated courses are included in the calculation of both attempted and earned hours in the following cases:
 - A previously passed course may be repeated only once in order to improve the grade.
 - A failed course may be repeated as often as necessary in order to pass. (A course is considered passed if the overall school requirements designate it as passed even if the grade is not considered acceptable for a specific program.)
 - A "W" grade (withdrawal) is not considered a repeat since the course was not initially completed.

- Audited courses are not considered credits attempted or earned.
- Remedial courses are included in the calculation of both attempted and earned hours.

2. Cumulative GPA

Students are required to earn a cumulative GPA of 2.0 or higher from courses taken at BJU in order to earn an associates or bachelor degree from BJU. In order to retain financial aid eligibility, a student must maintain a cumulative GPA of at least:

- 1.6 for 24 or fewer hours attempted
- 1.7 for 25–48 hours attempted
- 1.8 for 49–72 hours attempted
- 1.9 for 73–96 hours attempted
- 2.0 for 97 hours attempted

3. Maximum Time Frame (Pace)

Students are not eligible to receive financial aid once they have attempted more than 150 percent of the normal credits required for a degree or certificate program or it becomes academically impossible for the student to complete the degree or certificate within Pace. For example, a student in a program requiring 128 credits for graduation will be eligible for financial aid during the first 192 attempted credits as an undergraduate. All attempted credits are counted, including accepted transfer credits, whether or not financial aid was received or the coursework was successfully completed.

4. Satisfactory Academic Progress (SAP) Reviews

Academic progress will be reviewed at the end of each payment period. Those students not meeting the requirements stated above will be placed on Financial Aid Warning during the next payment period and will receive notification from the Financial Aid Office.

Financial Aid Warning

- A student is placed on Financial Aid Warning for the payment period following the payment period in which he did not meet satisfactory academic progress standard
- A student is eligible to receive financial aid funds during this payment period but must meet the SAP requirements by the end of the payment period
- At the end of the Warning period, if the student has not met SAP standards, he will be notified that he is ineligible to receive financial aid for the next payment period

Financial Aid Probation

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

—The student appeals the determination that he is ineligible AND

—It is determined that he should be able to meet the SAP standards by the end of the probation period

- The student will not receive financial aid funds for the subsequent payment period unless the SAP standards are met by the end of the Probation period or the student submits a new appeal and it is approved.
- If a student's appeal is denied, the student will be ineligible to receive financial aid from federal, state, Bob Jones University or the Department of Veteran Affairs.
- No student may appeal ineligible status more than three times.

Financial Aid Ineligible

- A student will be considered Ineligible IF
 - at the end of the Warning period the student does not meet SAP standards and does not appeal the ineligible status
 - the appeal for probation is denied
 - at the end of the probation period the SAP standards were not met and the student does not submit a new appeal to remain on probation status
- If satisfactory academic progress standards are met at the end of the period of ineligibility, financial aid eligibility will be reinstated.
- A student in Ineligible status may not receive financial aid from federal, state, Bob Jones University or the Department of Veteran Affairs.

Appeal Procedure

To appeal an Ineligible status, a student must, within 15 calendar days of notification of the status, submit to the Financial Aid Director a signed and dated letter of appeal explaining why he should not be ineligible. The appeal must include the reason the student failed to meet the SAP standards and an explanation of what has changed that will allow the student to meet the standards by the next evaluation. Reasons for an appeal may include, but is not limited to the following: health, family, catastrophe, etc. Documentation verifying the situation may be requested. After all requested information is received, the Appeal Committee will make a determination on the appeal. The student will be then be notified of the approval or disapproval of the appeal and of his or her financial aid status for the next payment period. This notification will be sent by the Director of Financial Aid within a reasonable time frame.

Reinstatement

A student may be reinstated to a “qualified for financial aid” status after meeting the SAP standards.

Transfer credits

Transfer credits come from two sources; other institutions and/or when a student changes from a bachelor degree to an associate degree.

Transfer credits must have a minimum grade of C to be accepted.

Glossary

- **Satisfactory Academic Progress (SAP)** is used to measure a student's academic progress for eligibility for financial aid.
- **Payment Period** equals a fall or spring semester or summer when a student is enrolled in a college course.
- **Financial Aid Warning** is a status assigned to by an institution to a student who fails to make satisfactory academic progress but may continue to receive financial aid from federal, state, Bob Jones University or the Department of Veteran Affairs.
- **Financial Aid Probation** is a status assigned to a student who fails to make satisfactory academic progress and who has successfully appealed and has had eligibility for aid reinstated.
- **Financial Aid Ineligible** is a status assigned to a student who fails to meet the satisfactory academic progress standards, has not submitted an appeal for probation, or has had an appeal denied and therefore is ineligible to receive any financial aid from federal, state, Bob Jones University or the Department of Veterans Affairs.

Division of Nursing

1. Completion Rate

At the end of each payment period, a student's academic progress will be measured by comparing the number of attempted credit hours with the earned credit hours (i.e., received a grade of A, B, C or D). This includes any course for which the student has remained enrolled past the Drop/Add period. A student must earn 70 percent of credits attempted to maintain satisfactory academic progress.

The following are considered when evaluating a student's satisfactory academic progress:

- Withdrawals (W's and WF's), incompletes and failures are considered attempted but not earned hours.
- Passing credits received for pass/fail courses are considered attempted and earned credits; failing grades in pass/fail courses are considered attempted but not earned.

- Repeated courses are included in the calculation of both attempted and earned hours in the following cases:
 - A previously passed course may be repeated only once in order to improve the grade.
 - A failed course may be repeated as often as necessary in order to pass. (A course is considered passed if the overall school requirements designate it as passed even if the grade is not considered acceptable for a specific program.)
 - A “W” grade (withdrawal) is not considered a repeat since the course was not initially completed.
- Audited courses are not considered credits attempted or earned.
- Remedial courses are included in the calculation of both attempted and earned hours.

2. Cumulative GPA

Students are required to earn a cumulative GPA of 2.0 or higher from courses taken at BJU in order to earn an associate’s or bachelor’s degree from BJU. Nursing students must earn a GPA of 2.5 or higher to enter clinical courses beginning with Nu 200 and must maintain a GPA of 2.5 throughout the next three years. In order to retain financial aid eligibility, a student must earn a cumulative GPA of at least:

- 2.0 for 16 or fewer credits attempted
- 2.5 for more than 16 credits attempted

3. Maximum Time Frame (Pace)

Students are not eligible to receive financial aid once they have attempted more than 150 percent of the normal credits required for a degree or certificate program or it becomes academically impossible for the student to complete the degree or certificate within Pace. For example, a student in a program requiring 128 credits for graduation will be eligible for financial aid during the first 192 attempted credits as an undergraduate. All attempted credits are counted, including accepted transfer credits, whether or not financial aid was received or the coursework was successfully completed.

4. Satisfactory Academic Progress (SAP) Reviews

Academic progress will be reviewed at the end of each payment period. Those students not meeting the requirements stated above will be placed on Financial Aid Warning during the next payment period and will receive notification from the Financial Aid Office.

Financial Aid Warning

- A student is placed on Financial Aid Warning for the payment period following the payment period in which he did not meet the satisfactory academic progress standard
- A student is eligible to receive financial aid funds during this payment period but must meet the SAP requirements by the end of the payment period
- At the end of the Warning period, if the student has not met SAP standards, he will be notified that he is ineligible to receive financial aid for the next payment period

Financial Aid Probation

- A student will be placed on Financial Aid Probation and will be eligible to receive financial aid for the next payment period IF
 - The student appeals the determination that he is ineligible AND
 - It is determined that he should be able to meet the SAP standards by the end of the probation period
- The student will not receive financial aid funds for the subsequent payment period unless the SAP standards are met by the end of the Probation period or the student submits a new appeal and it is approved.
- If a student’s appeal is denied, the student will be ineligible to receive financial aid from federal, state, Bob Jones University or the Department of Veteran Affairs.
- No student may appeal ineligible status more than three times.

Financial Aid Ineligible

- A student will be considered Ineligible IF
 - at the end of the Warning period the student does not meet SAP standards and does not appeal the ineligible status
 - the appeal for probation is denied
 - at the end of the probation period the SAP standards were not met and the student does not submit a new appeal to remain on probation status
 - If satisfactory academic progress standards are met at the end of the period of ineligibility, financial aid eligibility will be reinstated.
 - A student in Ineligible status may not receive financial aid from federal, state, Bob Jones University or the Department of Veteran Affairs.

Appeal Procedure

To appeal an Ineligible status, a student must, within 15 calendar days of notification of the status, submit to the Financial Aid Director a signed and dated letter of appeal explaining why he should not be ineligible. The appeal must include the reason the student failed to meet the SAP standards and an explanation of what has changed that will allow the student to meet the standards by the next evaluation. Reasons for an appeal may include, but is not limited to the following: health, family, catastrophe, etc. Documentation verifying the situation may be requested. After all requested information is received, the Appeal Committee will make a determination on the appeal. The student will be then be notified of the approval or disapproval of the appeal and of his or her financial aid status for the next payment period. This notification will be sent by the Director of Financial Aid within a reasonable time frame.

Reinstatement

A student may be reinstated to a “qualified for financial aid” status after meeting the SAP standards.

Transfer credits

Transfer credits come from two sources; other institutions and/or when a student changes from a bachelor degree to an associate degree.

Transfer credits must have a minimum grade of C to be accepted.

Glossary

- **Satisfactory Academic Progress (SAP)** is used to measure a student’s academic progress for eligibility for financial aid.
- **Payment Period** equals a fall or spring semester or summer when a student is enrolled in a college course.
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- **Financial Aid Probation** is a status assigned to a student who fails to make satisfactory academic progress and who has successfully appealed and has had eligibility for aid reinstated.
- **Financial Aid Ineligible** is a status assigned to a student who fails to meet the satisfactory academic progress standards, has not submitted an appeal for probation, or has had an appeal denied and therefore is ineligible to receive any financial aid from federal, state, Bob Jones University or the Department of Veterans Affairs.

Division of Teacher Education

1. Completion Rate

At the end of each payment period, a student’s academic progress will be measured by comparing the number of attempted credit hours with the earned credit hours (i.e., received a grade of A, B, C or D). This includes any course for which the student has remained enrolled past the Drop/Add period. A student must earn 70 percent of credits attempted to maintain satisfactory academic progress.

The following are considered when evaluating a student’s satisfactory academic progress:

- Withdrawals (W’s and WF’s), incompletes and failures are considered attempted but not earned hours.
- Passing credits received for pass/fail courses are considered attempted and earned credits; failing grades in pass/fail courses are considered attempted but not earned.

- Repeated courses are included in the calculation of both attempted and earned hours in the following cases:

—A previously passed course may be repeated only once in order to improve the grade.

—A failed course may be repeated as often as necessary in order to pass. (A course is considered passed if the overall school requirements designate it as passed even if the grade is not considered acceptable for a specific program.)

—A “W” grade (withdrawal) is not considered a repeat since the course was not initially completed.

- Audited courses are not considered credits attempted or earned.
- Remedial courses are included in the calculation of both attempted and earned hours.

2. Cumulative GPA

Students are required to earn a cumulative GPA of 2.0 or higher from courses taken at BJU in order to earn an associates or bachelors degree from BJU. Students must have completed 45 credit hours and have earned a GPA of 2.5 or higher to be enrolled in the Division of Teacher Education. In order to retain financial aid eligibility, a student must earn a cumulative GPA of at least:

- 1.9 for 24 or fewer hours attempted
- 2.0 for 25–47 hours attempted
- 2.5 for more than 47 hours attempted

3. Maximum Time Frame (Pace)

Students are not eligible to receive financial aid once they have attempted more than 150 percent

of the normal credits required for a degree or certificate program or it becomes academically impossible for the student to complete the degree or certificate within Pace. For example, a student in a program requiring 128 credits for graduation will be eligible for financial aid during the first 192 attempted credits as an undergraduate. All attempted credits are counted, including accepted transfer credit, whether or not financial aid was received or the coursework was successfully completed.

- 4. Satisfactory Academic Progress (SAP) Reviews**
Academic progress will be reviewed at the end of each payment period. Those students not meeting the requirements stated above will be placed on Financial Aid Warning during the next payment period and will receive notification from the Financial Aid Office.

Financial Aid Warning

- A student is placed on Financial Aid Warning for the payment period following the payment period in which he did not meet satisfactory academic progress standard
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Financial Aid Ineligible

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—the appeal for probation is denied
—at the end of the probation period the SAP standards were not met and the student does not submit a new appeal to remain on probation status
- If satisfactory academic progress standards are met at the end of the period of ineligibility, financial aid eligibility will be reinstated.
- A student in Ineligible status may not receive financial aid from federal, state, Bob Jones University or the Department of Veteran Affairs.

5. Appeal Procedure

To appeal an Ineligible status, a student must, within 15 calendar days of notification of the status, submit to the Financial Aid Director a signed and dated letter of appeal explaining why he should not be ineligible. The appeal must include the reason the student failed to meet the SAP standards and an explanation of what has changed that will allow the student to meet the standards by the next evaluation. Reasons for an appeal may include, but is not limited to the following: health, family, catastrophe, etc. Documentation verifying the situation may be requested. After all requested information is received, the Appeal Committee will make a determination on the appeal. The student will be then be notified of the approval or disapproval of the appeal and of his or her financial aid status for the next payment period. This notification will be sent by the Director of Financial Aid within a reasonable time frame.

6. Reinstatement

A student may be reinstated to a “qualified for financial aid” status after meeting the SAP standards.

7. Transfer credits

Transfer credits come from two sources; other institutions and/or when a student changes from a bachelor degree to an associate degree.

Transfer credits must have a minimum grade of C to be accepted.

Glossary

- **Satisfactory Academic Progress (SAP)** is used to measure a student's academic progress for eligibility for financial aid.

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Student Work Program

Through BJU's Student Work Program, students earn money working on campus during the school year. Qualifying students work 5 to 25 hours a week (depending on jobs available) and **earn \$880 to \$3,435 per year.**

The following chart shows approximate annual net earnings for a student in the work program.

Weekly Hours	Approximate Annual Net Earnings
5	\$ 930
10	\$1,860
12	\$2,235
15	\$2,790
20	\$3,720
25	\$4,650

Earnings are **paid biweekly** and are applied to a student's tuition account or paid in cash (BJU personal drawing account deposit or bank direct deposit). Earnings will automatically be applied to all tuition accounts in arrears.

Campus job opportunities are available in **70 different departments**, including food services, custodial, child development center, education, HVAC, plumbing, electrical, landscaping, bookstore, photo studio, cleaners, Snack Shop, Press Publishing and Printing Division, and computer support. Students in the program work for managers who are concerned for their academic well-being and are flexible in accommodating their class schedule. 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.

The Student Work Program gives **priority to undergraduate students living in the residence halls.** International students and Academy students are limited to a maximum of 20 hours per week. Academy students under 16 years of age are limited to 12 hours per week. International students and Academy students are also 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.

Academic Information

Accreditation Association Contact Information

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, P.O. Box 328, Forest, Virginia 24551; phone (434) 525-9539; fax (434) 525-9538; email: info@tracs.org.

The Educational Program

Bob Jones University is composed of six schools: the College of Arts and Science, the School of Religion, the Seminary and Graduate School of Religion, the School of Fine Arts and Communication, the School of Education, and the School of Business.

Graduate students should consult the Seminary and Graduate Studies Catalog for advanced degree programs.

The College of Arts and Science

Bob Jones University offers the Bachelor of Arts degree in the Humanities because it believes there is a definite need for a college course offering broad and general education in the various fields of culture. Humanities is intended primarily for the young person:

1. Who has already completed some type of specialized training and wishes to acquire an academic and cultural background.
2. Who has not decided in what field he wishes to specialize.
3. Whose interest embraces several fields.

Pre-Professional Programs

The College of Arts and Science offers a Bachelor of Science degree with majors in Premed/Preudent, or Pre-Physical Therapy major for students who plan to enter a medical or dental school. Detailed curricula are to be found under the Division of Natural Science.

Majors

In order to qualify for the Bachelor of Arts degree with a major in English, Creative Writing, Spanish, History or International Studies, the student must complete at least 36 credits in the major. Specific requirements for majors and minors will be found under the appropriate departments.

The College of Arts and Science also offers the Bachelor of Science degree in Biology, Biochemistry & Molecular Biology, Engineering, Chemistry, Physics, Actuarial Science, Mathematics, Computer Science,

Information Technology, Nursing and Criminal Justice.

These programs require at least 36 hours in the major. The Nursing (BSN) program requires 55 credits in Nursing and 28 credits in Science.

A Master of Arts degree for advanced study is offered in English.

The School of Religion

The undergraduate courses in the School of Religion are designed for:

1. Students preparing for full-time Christian ministry. The prospective evangelist, pastor, Bible teacher, missionary and other Christian worker will find thorough training in the School of Religion of Bob Jones University.
2. Students who do not feel called to full-time Christian service but who wish to acquire a thorough knowledge of the Bible or prepare themselves for usefulness as laymen in personal evangelism and the teaching of Sunday school classes, daily vacation Bible schools, etc.

This institution has always been known for the evangelistic zeal and orthodox gospel testimony of its students, combined with the highest Christian scholarship.

Seminary and Graduate School of Religion

The Seminary and Graduate School of Religion degree programs are especially designed for those who intend to enter full-time vocational Christian ministry. As part of the curriculum, great emphasis is given to personal and spiritual development.

The Division of Professional Ministry Studies offers the Master of Ministry, Master of Divinity and the Doctor of Ministry degrees. These programs provide emphasis on ministry philosophy and practice for those who are preparing for the ministry or who have spent time in the pastorate or on the mission field.

The Division of Graduate Studies offers Masters of Arts degrees in Bible, Biblical Studies and Ministry; and one Master of Divinity degree. The Doctor of Philosophy degree in Theological Studies is also offered and provide opportunities for advanced study in religion for those who wish to teach on the college or seminary level or engage in a ministry of research and writing.

The School of Fine Arts and Communication

The basic courses are designed to develop talent, critical perception and appreciation in the fields of art, design, music and communication. Students

develop their special talents in a Christian atmosphere in preparation for:

1. A full-time ministry in music, communication, art or design.
2. The teaching of music.
3. A career in communication—in business, journalism or mass communication.
4. A career in visual communication—in graphic design, advertising, illustration and commercial art.
5. The production of Christian motion pictures.

The Division of Art and Design provides well-rounded training for the prospective designer or studio artist with intensive work in such fields as drawing; painting; ceramics; interior design; graphic design; and apparel, textile and design.

In the Division of Music, emphasis is given to the training teachers, of church music directors, composers and conductors.

In the Division of Communication, the broad emphasis ranges from communication studies to performance courses in public speaking, performance studies and dramatic production.

A candidate for an undergraduate degree with a major in one of the divisions of the School of Fine Arts and Communication is required to give a public recital or to complete an approved special project at an assigned time during his senior year.

Advanced study is also provided in music and communication. A candidate for a graduate degree is required to give a public recital or to complete an approved special project at an assigned time during his program.

The School of Education

The many undergraduate programs in the School of Education are designed for students who wish to become child care workers, teachers, recreation workers, administrators, supervisors or counselors in elementary and secondary schools. A student with these primary goals should enroll in the School of Education. The undergraduate and graduate majors in Biblical Counseling prepare students for ministries as counselors in a variety of Christian settings. The biblical counseling programs are not designed to satisfy government or private agency certification or licensing requirements.

Students desiring to meet teacher certification requirements for the State of South Carolina must maintain a 2.5 grade point average and meet the prescribed requirements of the state including practical work and directed teaching. Students who desire certification through the American Association of Christian Schools or the Association of Christian Schools International may elect to do their directed teaching in a Christian school and are required to have a 2.5 grade point average. All students desiring to achieve a teaching degree from the School of Education must qualify as candidates

by passing the appropriate Praxis I Examination given during the freshman year and take the appropriate Praxis II Examinations in their senior year.

These graduates are now serving as administrators, teachers and counselors in Christian schools, public schools, mission schools in foreign countries and a wide range of Christian ministries around the world.

The School of Business

The undergraduate programs in the School of Business are designed to prepare graduates for positions in the ministry of business. The School of Business has baccalaureate majors in accounting and business administration. There are also associate degree programs in business and in culinary arts. Our experienced, well-prepared and dedicated faculty members provide the education that enables graduates to achieve leadership positions in their chosen fields. Recruiters from many of America's leading industries come to the campus to interview these students.

Graduate Work

A number of graduates of BJU go each year to graduate schools for further work leading to the master's and doctor's degrees. A student who plans to do this graduate work should have in mind by the end of his sophomore year the field in which he plans to pursue his graduate studies; and, if possible, he should have selected the institution in which he plans to study. This will enable him to plan his work during his last two years of undergraduate study in accordance with the requirements of the graduate school he plans to enter. A student will not be recommended for graduate work unless he makes an average of B in his undergraduate work.

Professional Schools

A student who plans to enter a professional school should consult the requirements of the particular professional school he has selected in planning his preparatory work in Bob Jones University. A student who is interested primarily in technological subjects other than cinema, radio, television and electronics is not advised to remain in Bob Jones University more than one year.

The Christian preparing for medical or dental school will find the Premed/Preudent major an excellent program. This academic curriculum, plus the firm foundation in the study of the Scriptures and Christian living, enables the student who excels to have a strong background for medical or dental school where admission is dependent upon overall academic performance, state requirements, scores on the Medical College Admissions Test, the personal interview and the number of applicants.

Students interested in the fields of medicine and dentistry should consult with the Dean of the College of Arts and Science for advice concerning their future studies.

Other Educational Ministries

Bob Jones Academy

The educational program on grade levels K–12 offered in conjunction with Bob Jones University provides a strong character-building emphasis through training in discipline and a thorough saturation with biblical principles. The curriculum is well balanced and academically stimulating, providing a good foundation for those going on to Bob Jones University.

Core Requirements Associate Degrees

Summary of Degrees and Concentrations

Students earning an associate degree will choose one field of concentration in the School of Religion, the School of Education or the School of Business.

Every student must take Bible in residence in order to earn a degree.

Requirements of the different divisions are listed under the departments of instruction elsewhere in the catalog.

Core course required for the Associate Degrees

Freshman Seminar1 credits
English6 credits

(The student is required to complete En 102. If the student is placed into En 100 due to ACT scores or placement test, the English sequence would be En 100, En 101 and En 102. If the student places into En 101, the English sequence would be En 101 and En 102. If the student places out of En 101, the English sequence would be En 102 and En 103. A grade of C or above is required in En 100, En 101 and En 102.)

Bible—Bi 105, 109, 301, 3028 credits
(A course in Bible must be elected by every student in residence each semester until all degree requirements have been completed or six Bible courses have been completed satisfactorily. A passing grade is required for all Bible courses. Students accelerating in their academic programs and completing all requirements at Bob Jones University in fewer than four semesters are accountable for four Bible courses. Students who begin their college work at BJU may not transfer Bible from another institution. All transfer students must take at least two Bible courses at Bob Jones University regardless of the number of Bible courses transferred. Bible must be taken the first two semesters, or until two have been completed with satisfactory grades. A student may obtain a Bible exemption if he has taken Bible in summer school or has taken more than one Bible course in a previous semester. A

transfer student who has transfer credit for Bible may obtain an exemption after he has successfully completed two courses at BJU.)

Introduction to the Arts 1 credit
Math/Science/Computer Science3 credits
Speech3 credits

Ministerial students will take Preparation for Service/Evangelism.

Core Requirements for Bachelor Degrees

Summary of Degrees and Concentrations

Students earning the bachelor degree will take a major of at least 36 credits in one of the university schools and may take a minor of 18–24 credits.

Every student must take at least two courses of Bible while in residence and have credit for Bi 401, Bi 402 and Bi 230 in order to earn a degree. All Bible courses must be passed with a grade of C or higher with the exception of those at the 100–200 levels. Students who major in Bible must have C grades or higher in these courses, also.

Requirements of the different departments are listed under the departments of instruction elsewhere in the catalog. A course completed with a grade of D cannot be counted toward a major, a minor, or professional course in any department.

Core courses required for the Bachelor's Degree

Freshman Seminar 1 credit
English9 credits

(The student is required to complete the En 101, En 102 and En 103 sequence. A grade of C or above must be made in both En 101 and En 102. Students who place out of En 101 on the placement test complete the English requirement with En 102, En 103 and one of the following: En 202, En 203, En 204, En 205, En 206, PW 211 or PW 322. The student must have credit for En 102.)

History 101–1026 credits
Essential Science3 credits
Foundations of Economics3 credits
Introduction to the Arts 1 credit
Fine Arts Appreciation Elective

AR 225, Mu 225 or DP 2252 credits
Science, Mathematics or Computer Science*3 credits

All students with math ACT scores below 18 on the enhanced test (15 on the old test) will be required to take one course bearing an Ma prefix prior to graduation.

Bible—Bi 105, 109, 230, 1 Bible elective on the 200 level, 1 Bible elective on the 300–400 level, 401 (or NT 515), 402 (or NT 516) and 499. . . . 16 semester hours

Note: School of Religion majors will fulfill Bible electives with courses bearing an OT or NT prefix.

(A course in Bible must be elected by every student

in residence each semester until all degree requirements have been completed or 10 Bible courses have been completed satisfactorily. A passing grade is required for Bi 105, 109 and all 200-level Bible courses. A grade of C or better is required for all other Bible courses. Students accelerating in their academic programs and completing all requirements at Bob Jones University in fewer than eight semesters are accountable for eight Bible courses. Students who begin their college work at BJU may not transfer Bible from another institution. Students transferring 12 credits of coursework from other institutions prior to attending Bob Jones University may possibly be exempt from one of the 8 Bible courses; students transferring 24 or more credits may possibly be exempt from two Bible courses. All transfer students must take at least two Bible courses at Bob Jones University regardless of the number of Bible courses transferred and have credit for Bi 230, 401, 402 and 499. Bible must be taken the first two semesters, or until two have been completed with satisfactory grades. A student may obtain a Bible exemption if he has taken Bible in summer school or has taken more than one Bible course in a previous semester. He may also obtain a Bible exemption once he completes 10 Bible courses satisfactorily. A transfer student who has transfer credit for Bible may obtain an exemption after he has successfully completed two courses at BJU.)

Themes in Western Thought3 credits
 Speech Communication 5–6 credits
 Philosophy or Psychology3 credits

Additional required courses for the Bachelor of Arts Degree

Foreign Language* 12 credits
 (The student is required to complete two years of one language. These courses should not repeat any language courses taken in high school.)

Additional required courses for the Bachelor of Music Degree

Foreign Language6 credits

Academic Procedures and Regulations

The Academic Year

The Bob Jones University academic year is divided into two semesters of 16 weeks each. The school year ordinarily begins one week before Labor Day with official opening Wednesday before Labor Day and closing the first week of May. The semester hour is the unit of credit.

Summer Sessions

Bob Jones University offers three four-week sessions of summer school commencing the Monday following commencement each year primarily for the benefit of students already enrolled. Undergraduate courses are offered in the first and second sessions; graduate courses are offered during the second and third sessions. A student is able to earn a maximum of seven credits each session. Members of the regular faculty will serve during the summer sessions. The schedule of courses with complete information for the summer sessions is available in the university summer sessions schedule of classes. Those interested in attending the summer session should contact the Director of Admission.

Coursework Taken Elsewhere

Any currently enrolled student, in good standing, who plans to take work elsewhere during summer school with the intention of counting this work toward degree requirements in Bob Jones University must have the permission of the registrar before enrolling in such 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 this 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. Sixteen credits constitute the maximum amount of credit which a student may receive for work completed during the summer in BJU and/or elsewhere. Once enrolled at BJU, Bible courses and specific core courses must be completed through BJU. Students will not receive approval to take these courses at another institution: Bible, philosophy, Abnormal Psychology or the following specific core courses: En 101, En 102, En 103, Hi 101, Hi 102, Sc 200, SSE 200, FA 101, Ar 225, Mu 225, DP 225, 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 distance learning work.

Registration and Advisory System

One to three 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 own previous academic record. Each student is assigned to a faculty advisor who assists him in making out his program of study. During the school year a student may consult his faculty advisor, his dean, or any member of the registrar's office staff at any time concerning his course of study and his future academic plans. Every degree

candidate is furnished with a checklist showing his exact standing in relation to graduation requirements. While everything possible is done to help the student plan his program correctly, the final responsibility for taking the courses which will fulfill the graduation requirements rests upon the student.

Student Load

A normal full-time student load is 16–17 credits a semester. The minimum full-time load for residence hall students is 12 credits and for day students is 10 credits; the maximum load is 20 credits including distance learning work. Any student who is permitted to enroll for additional hours above 18 will be charged for the additional hours at one-half the per semester hour rate. The basis on which overload permission is granted is the Grade Point Average (GPA) earned in work completed here. For a load greater than 16 credits, a student must have a GPA of 2.0 or above. BJU recommends that a student with a GPA less than 3.0 not take more than 18 credits. Sixteen credits constitute the maximum amount which a student may receive for work completed during the summer in BJU and/or elsewhere. Campus work students or those who have part-time employment outside BJU may be required to reduce their program of studies or to relinquish their campus jobs or other part-time employment if they fail to preserve a satisfactory scholastic average or to do their other work satisfactorily. 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 work rather than to accumulate credits above the 128 required for graduation.

No student may register for or receive credit in transfer for more than 20 credits in one semester.

No course which has been completed with a grade of C or above 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.

Classification of Students

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

Freshman: Admission to BJU with freshman standing.
Sophomore: At least 28 semester hours of credit and 52 quality points; all entrance deficiencies removed.

Junior: At least 62 credits and 120 quality points.

Senior: At least 96 credits and 188 quality points; reasonable prospect of completing the requirements for graduation in two additional semesters of work.

Special (undergraduate): A student who applied and was admitted as a special student according to the procedures described under "Admission as a Special Student"; or a student who was originally admitted as a regular student but who has had his classification changed to "Special" through the registrar's office. Ordinarily, only persons of mature age and experience are admitted as special students. In all cases, no student has the academic classification of a special student unless he has been so classified by the registrar's office. Special students are not candidates for a degree.

Part-Time: A student carrying fewer than 10 credits, the minimum full-time load. Since all students living on the campus are full-time students (even though under extenuating circumstances a residence hall student may be allowed to carry fewer than 12 credits), only day students may qualify for part-time classification. Because part-time students pay according to a different expense schedule, every part-time student should be careful to consult the expense schedule given for such students under "Financial Information."

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. Part-time students take a course each semester of enrollment and full-time students take a course during their first two semesters of enrollment.

Course Credit

Credit is given in semester hours, each semester hour representing 16 hours of class work or a minimum of 32 hours of laboratory work. 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 class work three hours a week and for laboratory work a minimum of two hours a week will give four semester hours' credit.

Grading System

The following grading system is used by all schools of BJU on the undergraduate level.

A	Superior
B	Above Average
C	Average
D	Passing
F	Failure
I	Incomplete

W	Withdrawn from course
WF	Withdrawn failure
AU	Audit
NR	Not reported
P	Passed

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.

Generally, for final examinations, the score percentage of 60 shall be the minimum level for satisfactory performance.

Permits for late examinations may be acquired at the Records Office.

Grade Reports

Students are given an opportunity to evaluate their progress at approximately the midpoint of the semester. Midterm progress will be posted on Student-Central.

Formal grade reports are posted each academic period (i.e., at the end of each semester). Any questions concerning the accuracy of a grade report should be submitted to the teacher within 30 days of the report being issued.

Students who made an incomplete (“I”) during first semester are required to make up or complete their work by the following March 1. Students who receive an “I” during second semester or summer school 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 F. A student who makes up his work within the required time will receive a grade determined by the instructor.

Quality Points

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

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

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

Semester Credits and Quality Points

Associate Degree: At least 66 credits and a 2.0 cumulative grade point average must be earned.

Baccalaureate Degree: At least 128 credits and a 2.0 cumulative grade point average must be earned for the baccalaureate degree. Two-thirds of the work taken during the junior and senior years must be taken in courses numbered in the 300s, and 400s. No more than a total of six credits of internships may be applied toward a degree.

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; in computing the average, work taken elsewhere which has been accepted in transfer is considered at the same grade value as in the school where it was earned.

Academic Council

The Academic Council, composed of six academic deans, the registrar and the provost of BJU, who serves as chairman of the council, is the custodian of the academic affairs. It is the work of this council to periodically review academic regulations and to make such revisions from time to time as are deemed necessary. The council considers any special requests of an academic nature which represent any deviation from the established academic regulations. All cases of conditional enrollment and those of students on probation and students whose academic records are unsatisfactory are reviewed by the Council. At the discretion of the Council, a student whose academic progress is unsatisfactory will be dropped for poor scholarship.

All honors and awards of an academic nature must be approved by this Council.

Academic Grievances & Complaints

Students are free to speak with professors to express concerns about final grades. If a student does not feel his/her professor has resolved the issue satisfactorily, he/she may express in writing a grievance or complaint to the dean of his/her college/school. (If the complaint is against his/her dean, the student may appeal directly to the Provost, as described below.)

If the student does not feel that such a course resolves the issue, he/she may submit a letter of Inquiry/Complaint to the office of the Provost. When the Provost receives a formal letter of Inquiry/Complaint, the letter will be distributed to the Administrative Hearing Committee. The Administrative Hearing Committee receiving the letter of Inquiry/Complaint 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 Provost. The Office of the Provost will keep a record of all student complaints and documentation of how they were handled.

If the student is not satisfied with the finding of the Administrative Hearing Committee, he/she may petition the Board of Trustees directly to be allowed to present his/her inquiry/complaint. The Executive Committee of the Board of Trustees shall consider the petition and determine if the full Board will consider the matter. The decision of the Executive Committee as to whether the matter will be presented to the full Board is final. If the matter is presented to the full Board, the student will be notified of the procedure that the Board will follow in hearing the inquiry/complaint.

Disciplinary Grievances & Complaints

We aim to follow Scripture by applying discipline in ways that equip students for every good work. These ways include doctrine, rebuke, correction, and instruction in righteousness (2 Tim. 3:16–17). Students are able to appeal disciplinary penalties at the Discipline Committee (for offenses under fifty demerits) or at a special session of the Discipline Committee, chaired by the Dean of Students and consisting of Student Life, academic, and student leadership representatives (for offenses of fifty demerits or more).

If a student does not feel that the Discipline Committee's decision resolves the issue, he/she may submit a letter of Inquiry/Complaint to the office of the Provost. When the Provost receives a formal letter of Inquiry/Complaint, the letter will be distributed to the Administrative Hearing Committee. The Administrative Hearing Committee receiving the letter of Inquiry/Complaint 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 Provost. The Office of the Provost will keep a record of all student complaints and documentation of how they were handled.

If the student is not satisfied with the finding of the Administrative Hearing Committee, he/she may petition the Board of Trustees directly to be allowed to present his/her inquiry/complaint. The Executive Committee of the Board of Trustees shall consider the petition and determine if the full Board will consider the matter. The decision of the Executive Committee as to whether the matter will be presented to the full Board is final. If the matter is presented to the full Board, the student will be notified of the procedure that the Board will follow in hearing the inquiry/complaint.

Personal Grievances & Complaints

We encourage and expect administrators, faculty, staff, and students to reconcile personal grievances and complaints by following the principles Jesus Christ gives in Matthew 18:15–17. However, when the nature of the grievance or the relationship between the two parties does not permit the offended student to resolve his/her concern in this way, he/she is free to approach the Dean of Students for a discussion about the concern and the most reasonable way to satisfy or resolve the issue. (If the complaint is against the Dean of Students, the student may appeal directly to the Provost, as described below.)

If the student does not feel that such a course resolves the issue, he/she may submit a letter of Inquiry/Complaint to the office of the Provost. When the Provost receives a formal letter of Inquiry/Complaint, the letter will be distributed to the Administrative Hearing Committee. The Administrative Hearing Committee receiving the letter of Inquiry/Complaint 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 Provost. The Office of the Provost will keep a record of all student complaints and documentation of how they were handled.

If the student is not satisfied with the finding of the Administrative Hearing Committee, he/she may petition the Board of Trustees directly to be allowed to present his/her inquiry/complaint. The Executive Committee of the Board of Trustees shall consider the petition and determine if the full Board will consider the matter. The decision of the Executive Committee as to whether the matter will be presented to the full Board is final. If the matter is presented to the full Board, the student will be notified of the procedure that the Board will follow in hearing the inquiry/complaint.

General Grievances & Complaints

We desire to treat students fairly and to serve their needs effectively. We are open to constructive input regarding how we may improve our service to students, campus life, and the testimony of BJU. Mass and social media are powerful tools to communicate truth. In the spirit of honor and wisdom, however, students should not use media to disparage BJU but should instead pursue truth in love by following this grievance process. Students who wish to make a general inquiry, recommendation, or complaint that does not relate to mistreatment from a specific person, are free to approach the Dean of Students for a discussion about the concern and the most reasonable way to satisfy or resolve the issue. (See references above under “Personal Grievances & Complaints” for information

on how to file grievances relating to mistreatment from a specific person.)

If the student does not feel that such a course resolves the issue, he/she may submit a letter of Inquiry/Complaint to the office of the Provost. When the Provost receives a formal letter of Inquiry/Complaint, the letter will be distributed to the Administrative Hearing Committee. The Administrative Hearing Committee receiving the letter of Inquiry/Complaint 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 Provost. The Office of the Provost will keep a record of all student complaints and documentation of how they were handled.

If the student is not satisfied with the finding of the Administrative Hearing Committee, he/she may petition the Board of Trustees directly to be allowed to present his/her inquiry/complaint. The Executive Committee of the Board of Trustees shall consider the petition and determine if the full Board will consider the matter. The decision of the Executive Committee as to whether the matter will be presented to the full Board is final. If the matter is presented to the full Board, the student will be notified of the procedure that the Board will follow in hearing the inquiry/complaint.

Students should keep in mind that it is not acceptable to disparage BJU through media. Any attempt to do so will not be tolerated and is grounds for dismissal as a student.

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.

Additional information and university policies regarding the protection of student records are published online in StudentCentral, BJU's student academic portal, and further information about FERPA contact the registrar or go to <http://www.ed.gov/policy/gen/guid/fpco/ferpa>.

Numbering of Courses

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

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

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

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

Courses numbered from 500 to 599 are advanced courses primarily for juniors and seniors and graduate students. Whether undergraduate or graduate credit is awarded will be determined by the student's classification at the time he registers for the course. Students taking 500-level courses for graduate credit will have an additional project or paper as part of their course requirements.

Courses numbered from 600 to 699 are primarily for graduate students pursuing master's degrees.

Courses numbered from 700 to 899 are primarily for advanced graduate and doctoral students.

Course Enrollments

No course will be offered in any of the undergraduate schools unless there is an enrollment of at least ten persons.

Course Offerings

The curricula of the catalog and the class schedule are made up primarily with the degree student in mind. Any student, therefore, who expects to attend BJU for only one or two years should be careful to ascertain through correspondence whether special courses he may wish to take will be given during the time he is in residence. BJU can assume no responsibility to offer certain courses for students who plan to come only one or two semesters. Although the schedule of courses presented in this catalog is 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.

Residence

At least one year in residence is required at BJU (either an associate or a baccalaureate program), including the last semester for those who lack more than 11 hours in a baccalaureate degree program; for those who lack more than 6 hours 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 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 student who is in residence only two semesters, the year's work will be construed as a minimum of 30 semester hours for a baccalaureate program and 24 for an associate program. For residence 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 (two four-week sessions) of full-time study is considered to be equivalent to one semester of resident study. Any student who does not complete all requirements remaining toward his undergraduate degree within three years of his final residence will be required to complete an additional semester (12 credits) in residence before he can be granted a degree. Any student not completing all remaining requirements within five years of his final residence will be required to complete one full year (24 credits) in residence before he can be granted a degree. Any student who leaves BJU before completing all of his requirements for graduation is responsible to meet the requirements of the catalog which are in effect at the time of his return.

Distance Education

A limited amount of work may be taken by distance learning to count toward the requirements for graduation. *Unless taken through BJU, courses taken in this manner must be approved by the registrar before they are taken.* A maximum of 30 credits from all approved sources may be recognized, including credit that is recognized from Advance Placement (AP) and College-Level Examination Program (CLEP) examinations. 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. (distance learning work does not fulfill residency requirements).

Cocurricular Credit

Cocurricular credit may be earned by accumulating a hundred participation points through various university-sponsored activities. The maximum of two cocurricular credits may be earned during an academic year. Credit is awarded at the end of the school year and counts toward general electives.

Examinations

Examinations given during the academic year are listed below with an indication of the groups of whom they are required, the approximate time they are given, and the use made of the results.

1. **Basic Skills Proficiency Test**—required of all sophomore education majors before they can be officially accepted into the teacher-training program.
2. **Challenge Examinations**—required in the area of nursing for the student entering as a registered nurse and in the area of aviation for the student who will be majoring in missionary aviation or business and commercial aviation and who has attained either the private or commercial pilot certificate and instrument rating. See details below.

3. **Diagnostic departmental examinations in mathematics, modern language, business, etc.**—administered departmentally at the beginning of each semester.
4. **English Placement Test**—required of all new associate and baccalaureate students who have no ACT Scores.
5. **Mathematics Proficiency**—all baccalaureate students with math ACT scores below 18 on the enhanced test will be required to take any course bearing an Ma prefix prior to graduation.
6. **Music Placement Examination**—required of all transfer music majors and entering graduate students majoring in music. Also given to any new undergraduate music major who wishes (on the basis of previous training in music theory) to exempt any part of music theory.
7. **Praxis Examination Series—Praxis I Examination**—required of students desiring to achieve a teaching degree from the School of Education; administered during the freshman year. **Praxis II Examination**—subject area required of all graduating seniors; administered in November and March.
8. **Semester Examinations**—official university examinations in all departments; administered the last four days of each semester.
9. **Validation Examinations**—described in detail below.

Challenge Examination

A Challenge Examination is required in the area of nursing for the student entering as a registered nurse.

The licensed registered nurse (RN) who desires to enter the BSN degree program at Bob Jones University must take comprehensive theory and clinical challenge examinations corresponding to courses in our degree program. Credit will be allotted as designated in the course areas of our program for which a successful challenge has been completed. The amount of credit to be allotted will depend upon the number of successful challenges. If the student should fail at any challenge phase, he will enter our BSN curriculum at that point. The cost of the challenge in each course area will be the clinical fee for that course. Once a student has challenged all nursing courses through Nu 302 and/or Nu 404, he may enroll in the senior-level courses Nu 405 and Nu 406.

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 after their arrival at BJU. A fee of \$50 is charged for each validation examination. Courses completed in a business school not a part of a regular university or

college must be validated by examination before transfer credit may be given. This procedure also applies to academic work taken in Bible schools which do not have an approved college department. All validation examinations must be completed by the end of the first half-semester after a student enrolls in BJU.

Transcripts

To order a transcript, a student/former student must make request in writing to the Records 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 place designated. Please include the name and address of the organization to whom you wish the official transcript to be sent. Unofficial transcripts may be sent directly to the student.

There is no charge for transcripts unless more than nine are requested at one time. Then the charge will be \$1 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, 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 must be cleared with the Business Office before a transcript may be released. An official transcript is issued to a designated organization and bears the multi-colored seal of BJU and a signature of the registrar. An unofficial transcript is stamped "Issued to Student." A form is available at www.bju.edu/academics/transcript/.

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. mail. Any type of special handling will necessitate an additional charge that must be paid in advance.

Mail all requests for transcripts to the Records Office, Bob Jones University, Greenville, SC 29614 or fax (864) 235-6661.



College of Arts & Science

Renae M. Wentworth, EdD

Dean

GENERAL INFORMATION

Purpose

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 to understand and respond constructively to problems in the larger world, and by challenging him to bring discipline and order into his 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. The College also provides a graduate program in English.

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 and Departments

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

I. Division of English Language and Literature

Department of Creative Writing and English
Department of Linguistics
Department of Philosophy

II. Division of Modern Language and Literature

III. Division of Natural Science

Department of Biology
Department of Chemistry
Department of Physics and Engineering

IV. Division of Mathematical Sciences

Department of Mathematics
Department of Computer Science

V. Division of Nursing and Health Science

VI. Division of Social Science

Department of History
Department of Social Studies

VII. Division of Graduate Studies

DEGREES OFFERED

Undergraduate Degrees

The *Associate of General Studies* degree.

The *Bachelor of General Studies* degree.

The *Bachelor of Arts* degree with majors in Creative Writing, English, History, Humanities, International Studies and Spanish.

The *Bachelor of Science* degree with majors in Actuarial Science, Biochemistry and Molecular Biology, Biology, Chemistry, Computer Science, Criminal Justice, Engineering, Information Technology, Mathematics, Physics, Premed/Preudent and Pre-Physical Therapy.

The *Bachelor of Science in Nursing* degree with a major in Nursing.

Graduate Degrees

The *Master of Arts* degree with a major in English.

Gainful Employment

For graduation rates, the median debt of students who completed the program and other important information, visit go.bju.edu/rates.

Associate of General Studies Degree

The Associate of General Studies degree is equivalent to a two-year program and consists of at least 64 credits including associate degree Bible and liberal arts core, one (24 credits) or two (12 credits each) concentrations and a 2.0 cumulative grade point average on all BJU coursework.

Concentrations include art and design, business, communication studies, education, English, health science, mathematics, music, science, social science, trades, psychology and religion studies.

This degree is available to students who meet the qualifications for the Degree Completion Program.

Program Learning Outcomes

The student will ...

- Apply the major teaching and doctrines of Scripture to life.
- Communicate effectively.
- Explain significant issues within the chosen concentration.

Bachelor of General Studies Degree

The Bachelor of General Studies degree is equivalent to a four-year program and consists of at least 128 credits including bachelor degree Bible and liberal arts core with one (36 credits) or two (18 credits each) concentrations and a 2.0 cumulative grade point average on all BJU coursework.

Concentrations include art and design, business, communication studies, education, English, health science, mathematics, music, science, social science, trades, psychology and religion studies.

This degree is available to students who meet the qualifications for the Degree Completion Program.

Program Learning Outcomes

The student will ...

- Apply the major teaching and doctrines of Scripture to life.
- Communicate effectively.
- Evaluate significant issues within the chosen concentration.
- Solve authentic problems within the chosen concentration.

Bachelor of Arts Degree, Humanities Major

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, foreign 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.

First Year

Uni 101	Freshman Seminar	1	En 103	Composition & Literature	3
En 102	Composition & Rhetoric ¹	3	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Mu 225	Appreciation of Music	2
FA 125	Introduction to the Arts	1	Com 101	Fundamentals of Speech	3
	Mathematics or Computer Science	3		Electives	4
	Electives	4		TOTAL	16
	TOTAL	16			

Second Year

Ph 200	Themes in Western Thought	3	Bi 230	Hermeneutics	2
Sc 200	Essential Science	3	Ar 225	Appreciation of Art	2
SSE 200	Foundations of Economics	3		American Literature ²	3
	200-level Bible Elective ³	1		Foreign Language	3
	British Literature ⁴	3		History Elective	3
	Foreign Language	3		Natural Science Elective	3
	TOTAL	16		TOTAL	16

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Com 410	Oral Communication for the Prof.	3		English Elective ⁵	3
	English Elective ⁵	3		Foreign Language	3
	Foreign Language	3		Philosophy	3
	History Elective	3		Electives	4
	Electives	1		TOTAL	16
	TOTAL	16			

Fourth Year

Bi 499	Apologetics & Worldview	3		Psychology	3
	Psychology	3		Upper-Level Bible Elective ⁶	2
	Electives	10		Electives	11
	TOTAL	16		TOTAL	16

¹ Students who do not place out of En 101 must begin their English sequence with En 101 Composition & Grammar.

² Three credits must be taken from the following courses: En 205 American Literature 1607–1865 and En 206 American Literature since 1865.

³ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Three credits must be taken from the following courses: En 202 British Literature to 1688 and En 203 British Literature since 1688.

⁵ Six credits must be taken with an En prefix on the 300–500 level (excluding En 479, En 508, En 509, En 510, En 516, En 517, En 596, En 597, En 598 and En 599).

⁶ Two credits must be taken with a Bi prefix on the 300–500 level.

DIVISION OF ENGLISH LANGUAGE AND LITERATURE

BRUCE EDWARD ROSE, PhD, *Chairman*

The Division of English Language and Literature of the College of Arts and Science includes the Departments of Creative Writing and English, Linguistics and Philosophy.

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.

Department of Creative Writing and English

BRUCE EDWARD ROSE, PhD, *Department Head*

The Department offers majors and minors in Creative Writing and English and a minor in Teaching English as a Second Language. Courses in grammar, composition and literature are offered for students to fulfill the general degree requirements in English. Courses are also available as general electives.

Certificate of Completion: Teaching English as a Second Language

The Teaching English as a Second Language (TESL) Certificate of Completion exists to prepare students to teach English to non-native speakers, primarily in a ministry setting, 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 the higher levels both deepen and diversify from this base. The program supports the Division of English goals that students be able to communicate well and apply knowledge of language structure; and it supports the Division mission of equipping future English teachers richly for a ministry of teaching. Students may request the appropriate certificate from the Records Office when they have successfully completed the prescribed courses for their highest level if they have a grade point average of 2.5 or better in these courses. The courses taken for the certificate do not constitute a degree program, nor will the certificate be recorded on the student's transcript. The certificate of completion does not imply teacher certification by the state of South Carolina.

TESL Certificate of Completion, Basic (6 credits)

En 509 Structure of Modern English (3)

En 516 Teaching English as a Second Language (3)

TESL Certificate of Completion, Intermediate (12 credits)

Li 301 Descriptive Linguistics (3)

En 508 History of the English Language or SSS 504 Cultural Anthropology (3)

En 509 Structure of Modern English (3)

En 516 Teaching English as a Second Language (3)

TESL Certificate of Completion, Advanced (23-24 credits)

Li 301 Descriptive Linguistics (3)
En 508 History of the English Language (3)
En 509 Structure of Modern English (3)
En 510 Advanced Grammar for TESL (2)
En 516 Teaching English as a Second Language (3)
En 517 TESL Practicum (1)
SSS 504 Cultural Anthropology (3)*
Ed 300 Foundations in Instructional Technology (2)*
Ps 201 Educational Psychology (3)*

* Six credits of a single modern foreign language (100–200 level) may be substituted for two of these three courses.

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, film and video and poetry.

A minor in Creative Writing consists of PW 211; CW 212; 12 credits chosen from JMC 302 and CW 411–417.

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 three of the following four courses: En 202, En 203, En 205 and En 206; En 300; and six credits of electives with an En prefix at the 300–500 level (excluding En 479, En 510, En 516, En 517, En 596, En 597, En 598 and En 599).

Teaching English as a Second Language Minor

The minor in Teaching English as a Second Language prepares a person to teach English to native speakers of other languages, either in this country or abroad. The minor in TESL includes the courses needed for the Certificate of Completion in TESL (Intermediate).

A minor in Teaching English as a Second Language consists of Ps 201, Li 301, En 509, En 510, En 516, En 517 (En 517 must follow the completion of En 516), and either En 508 or SSS 504. We recommend that candidates also take six credits of a single modern foreign language on the elementary and/or intermediate level.

Bachelor of Arts Degree, Creative Writing Major

The Bachelor of Arts degree in Creative Writing provides coursework to develop effective language usage and creative writing skills through classroom instruction and extensive practice. The program, utilizing both print and electronic media, focuses on imaginative writing that promotes a Christian worldview in poetry, fiction, non-fiction and drama. The degree requires 36 credits of instruction in writing and literature.

Program Learning Outcomes

The student will ...

- Distinguish simple from sophisticated literary works.
- Analyze knowledgeably a broad range of examples drawn from poetry, fiction, non-fiction and drama.
- Incorporate into imaginative writing observations of people, places, images and experiences supporting biblical themes for a broad range of readers.
- Take the necessary steps to submit a manuscript for publication.

First Year

Uni 101	Freshman Seminar	1	En 103	Composition & Literature	3
En 102	Composition & Rhetoric ¹	3	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Com 101	Fundamentals of Speech	3
FA 125	Introduction to the Arts	1	PW 211	Expository Writing	3
	Science, Math, or Comp Sci	3		Fine Arts Appreciation Elective ²	2
	Minor or Electives	3		Minor or Electives	1
	TOTAL	15		TOTAL	16

Second Year

CW 212	Creative Writing	3	En 206	American Literature since 1865	3
En 203	British Literature since 1688	3	SSE 200	Foundations of Economics	3
Ph 200	Themes in Western Thought	3	Bi 230	Hermeneutics	2
Sc 200	Essential Science	3		Creative Writing Major Elective ⁴	3
	200-level Bible Elective ³	1		Foreign Language	3
	Foreign Language	3		Philosophy	3
	TOTAL	16		TOTAL	17

Third Year

CW 411	Short Story Writing	3	En 380	Classical & Medieval Literature	3
En 381	Modern World Literature	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	Com 410	Oral Communication for the Prof.	3
	Foreign Language	3		Foreign Language	3
	Minor or Electives	4		Professional Writing (PW) Elective ⁵	3
	TOTAL	16		Minor or Electives	1
				TOTAL	16

Fourth Year

Bi 499	Apologetics & Worldview	3		Creative Writing Major Elective ⁴	3
	Creative Writing Major Elective ⁴	3		English Elective ⁷	3
	English Elective ⁶	3		Professional Writing (PW) Elective ⁵	3
	Minor or Electives	7		Upper-Level Bible Elective ⁸	2
	TOTAL	16		Minor or Electives	5
				TOTAL	16

¹ Students who do not place out of En 101 must begin their English sequence with En 101 Composition & Grammar.

² Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

³ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Nine credits must be taken with a CW prefix.

⁵ Six credits must be taken with a PW prefix.

⁶ Six credits with an En prefix on the 300–500 level must be taken (excluding En 479, En 508, En 509, En 510, En 516, En 517, En 596, En 597, En 598 and En 599).

⁸ Two credits must be taken with a Bi prefix on the 300–500 level.

Bachelor of Arts Degree, English Major

The Bachelor of Arts degree in English has special value for all occupations in which written communication is vital. The required 36 credits in this program integrate coursework that focuses on clear and persuasive discourse, critical reading and research, and literary analysis. This program prepares the student for multiple applications in the business and professional world and for advanced work in English or other academic pursuits.

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 reader needs.
- Apply language conventions and effective organization to written discourse.

First Year

Uni 101	Freshman Seminar	1	En 103	Composition & Literature	3
En 102	Composition & Rhetoric ¹	3	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Com 101	Fundamentals of Speech	3
FA 125	Introduction to the Arts	1		Fine Arts Appreciation Elective ²	2
	Foreign Language	3		Foreign Language	3
	Science, Math, or Comp Sci	3		Minor or Electives	1
	Minor or Electives	1		TOTAL	16
	TOTAL	16			

Second Year

En 202	British Literature to 1688	3	En 203	British Literature since 1688	3
Sc 200	Essential Science	3	SSE 200	Foundations of Economics	3
	200-level Bible Elective ³	1	Bi 230	Hermeneutics	2
	Foreign Language	3		Foreign Language	3
	Writing Elective ⁴	3		Philosophy	3
	Minor or Electives	3		Minor or Electives	2
	TOTAL	16		TOTAL	16

Third Year

En 205	American Literature 1607-1865	3	En 206	American Literature since 1865	3
En 300	Literary Criticism	3	En 380	Classical & Medieval Literature	3
En 509	Structure of Modern English	3	En 479	English Seminar	1
Ph 200	Themes in Western Thought	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	Com 410	Oral Communication for the Prof.	3
	Minor or Electives	1		Minor or Electives	3
	TOTAL	16		TOTAL	16

Fourth Year

Bi 499	Apologetics & Worldview	3		English Major Elective ⁵	3
	English Major Elective ⁵	3		English Major Elective ⁵	3
	English Major Elective ⁵	3		Upper-Level Bible Elective ⁶	2
	English Major Elective ⁵	3		Writing Elective ⁴	3
	Minor or Electives	4		Minor or Electives	5
	TOTAL	16		TOTAL	16

¹ Students who do not place out of En 101 must begin their English sequence with En 101 Composition & Grammar.

² Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

³ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Six credits must be taken from the following courses: CW 212 Creative Writing, JMC 302 Magazine Writing, PW 211 Expository Writing, PW 222 Fundamentals of Technical Writing, PW 322 Critical Writing and PW 324 Business Writing.

⁵ Fifteen credits with an En prefix must be taken at the 300–500 level (excluding En 479, En 596, En 597, En 598 and En 599).

⁶ Two credits must be taken with a Bi prefix on the 300–500 level.

French or German is recommended.

Department of Linguistics

GRACE COLLINS HARGIS, PhD, *Department Head*

Neither a major nor a minor is offered in Linguistics. Courses are offered in this department for students with a minor in Teaching English as a Second Language or Spanish, as well as for Christian Missions majors who must complete specific requirements in linguistics toward their degree program. The department also offers a Missionary Linguistics Program during summer sessions to give fuller preparation for language learning and for ministries such as Bible translation. Several linguistics courses are part of the MA in Bible with the Bible Translation concentration.

Department of Philosophy

RONALD ARTHUR HORTON, PhD, *Department Head*

Neither a major nor a minor is offered in Philosophy. Courses are offered in this department for students who must complete the general degree requirements in philosophy. Courses are also available as general electives.

DIVISION OF MODERN LANGUAGE AND LITERATURE

BRUCE ALAN BYERS, PhD, *Chairman*

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

All students, regardless of prior foreign language proficiency or study, who enroll in a foreign language course for the first time, must take a placement test to determine the point at which they should begin college language study. Students with no foreign language proficiency or study in their chosen language must meet with Modern Language Department placement test personnel for exemption permission. No college credits are awarded for testing out of language courses.

Purpose

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

Goals

The student will ...

- Communicate in the target language at an acceptable level of proficiency.
- Apply the linguistic structures of their target language.
- Critique the products, practices and perspectives of their target culture.
- Articulate in the target language a biblical perspective on cultural issues.

Chinese Minor

The Chinese minor provides a general understanding of the language, culture, history, philosophy and ethos of Chinese-speaking people.

A minor in Chinese consists of MLC 121, MLC 122, MLC 221, MLC 222, MLC 320 and MLC 321. See note on placement testing above.

French Minor

The French minor provides a general understanding of the language, culture, history, philosophy and ethos of French-speaking people.

A minor in French consists of 18 credits of electives with an MLF prefix. See note on placement testing above.

Spanish Minor

The Spanish minor provides a general understanding of the language, culture, history, philosophy and ethos of Spanish-speaking people.

A minor in Spanish consists of 18 credits of electives with an MLS prefix. See note on placement testing above.

Bachelor of Arts Degree, Spanish Major

In support of the University's commitment to a liberal arts education and to the effective communication of biblical truths, the Spanish major prepares students to become functional in a Spanish-speaking environment and to pursue advanced studies in Spanish. Students take courses ranging from introductory to advanced language, literature, and civilization, and they are encouraged to participate in Division-sponsored study abroad courses. The program requires 36 credits in the major above the first semester of Elementary Spanish (MLS 141).

Program Learning Outcomes

The student will ...

- Communicate in Spanish at the Advanced level according to the American Council on the Teaching of Foreign Language (ACTFL) proficiency guidelines.
- Apply the linguistic elements and structures of the Spanish language.
- Critique the products, practices and perspectives of Spanish cultures.
- Articulate in Spanish a biblical perspective on cultural issues.

First Year

Uni 101	Freshman Seminar	1	MLS 241	Intermediate Spanish I ¹	3
MLS 142	Elementary Spanish II ¹	3	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Com 101	Fundamentals of Speech	3
FA 125	Introduction to the Arts	1		English Composition	3
	English Composition	3		Fine Arts Appreciation Elective ²	2
	Science, Math, or Comp Sci	3		Minor or Electives	1
	Minor or Electives	1		TOTAL	16

Second Year

Ph 200	Themes in Western Thought	3	Bi 230	Hermeneutics	2
MLS 242	Intermediate Spanish II ¹	3		Philosophy or Psychology	3
Sc 200	Essential Science	3		Spanish Elective for Spanish Major ³	3
	200-level Bible Elective ⁴	1		Spanish Major Second Language ⁵	3
	English Literature or Writing Elec.	3		Minor or Electives	5
	Spanish Major Second Language ⁵	3		TOTAL	16

Third Year

SSE 200	Foundations of Economics	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	Com 410	Oral Communication for the Prof.	3
	Spanish Elective for Spanish Major ³	3		Spanish Elective for Spanish Major ³	3
	Spanish Elective for Spanish Major ³	3		Spanish Elective for Spanish Major ³	3
	Spanish Major Second Language ⁵	3		Spanish Major Second Language ⁵	3
	Minor or Electives	1		Minor or Electives	1
	TOTAL	16		TOTAL	16

Fourth Year

Li 301	Descriptive Linguistics	3	Li 302	Historical-Comparative Linguistics	3
MLS 479	Spanish Seminar ⁶	1		Spanish Elective for Spanish Major ³	3
Bi 499	Apologetics & Worldview	3		Spanish Elective for Spanish Major ³	3
	Spanish Elective for Spanish Major ³	3		Upper-Level Bible Elective ⁷	2
	Spanish Elective for Spanish Major ³	3		Minor or Electives	5
	Minor or Electives	3		TOTAL	16

¹ Students who test out of Elementary Spanish II or Intermediate Spanish I or II will substitute the requirement with a Spanish elective.

² Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

³ The 36 credits of required Spanish courses must include either MLS 341 Spanish Composition, MLS 441 Advanced Spanish Grammar, or MLS 442 Spanish Linguistics; and at least 3 credits in any upper-level Spanish literature or civilization course.

⁴ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁵ Twelve credits must be taken in Chinese, French or German.

⁶ Students must take the Oral Proficiency Interview Examination in partial fulfillment of the requirements for this course.

⁷ Two credits must be taken with a Bi prefix on the 300–500 level.

· Recommended minors: Business and Teaching English as a Second Language.

DIVISION OF NATURAL SCIENCE

GEORGE THOMAS MATZKO, PhD, *Chairman*

The Division of Natural Science of the College of Arts and Science includes the Departments of Biology, Chemistry, and Physics and Engineering.

The Division offers minors in Composite Science and Physical Science. Courses in the division and various departments are offered for students to fulfill the general degree requirements in science. Courses which bear an Sc prefix are not applicable toward a major or minor 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 discipline.
- Solve authentic problems in his discipline.
- Explain the concepts and principles that underlie the factual knowledge in their discipline.
- Execute the skills characteristic of his profession.

Composite Science Minor

The Composite Science minor provides instruction in basic science courses to meet the special curricular requirements of the following majors: Health, Fitness and Recreation; and education majors.

A minor in Composite Science with a Health, Fitness and Recreation major consists of Phy 101, Chm 105, Bio 102, Bio 303, Bio 304 and four credits of electives with a Bio prefix.

A minor in Composite Science with education majors consists of Phy 101, Phy 102, Chm 103, Chm 104, Bio 100 and Bio 101.

Physical Science Minor

A minor in Physical Science consists of Chm 103, Chm 104, Chm 106, Chm 116, Phy 101 and Phy 102.

Department of Biology

WILLIAM MICHAEL GRAY, PhD, *Department Head*

The Department offers a major and minor in Biology as well as preprofessional programs with majors in Premed/Preudent and Pre-Physical Therapy. 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 Bio 100, Bio 101, Bio 202, Bio 203, Bio 300 and four credits of electives with a Bio prefix. Note: Bio 203 and the 4-credit elective can be replaced with Bio 208 and 209.

Bachelor of Science Degree, Biology Major

The Biology major captures the breadth of biology while maintaining the necessary depth of preparation for continued study in graduate and professional schools. Students are offered two different tracks to allow a level of specialization appropriate for the undergraduate level. Both tracks require students to study life at the molecular, cellular and organismal levels. Students in both tracks develop the big picture context of the interaction of organisms with each other and with their environment. The students learn a scientific and philosophical refutation of evolution while learning the superior strengths of biblical creation. The Cell Biology track allows development of a deeper focus on the cellular and molecular levels while the Organismal Biology track allows development of an emphasis on selected organisms studied in a field context. Pre-Veterinary advising is available for students who elect the Organismal Biology track. With careful selection of electives, this track can be customized to provide excellent preparation for veterinary medicine programs. This program requires 36–38 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 and logically evaluate the limitations of science and the central concepts of neo-Darwinism and construct counter arguments against them.
- Compare and contrast the interrelationship between basic life processes with special emphasis on the role of information and energy transduction.
- Hierarchically arrange the patterns of biodiversity and assess the ecological roles of various life forms.
- Interpret and critique experimental data and experimental designs, formulate testable hypotheses and competently investigate hypotheses in the laboratory or in the field as appropriate.
- Apply the relationship that exists between structure and function on the cellular and organ system levels and make correct predictions of the failure of homeostatic mechanisms as well as the interaction 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.

(Cell Biology)

First Year

Uni 101	Freshman Seminar	1	Bio 101	General Biology II	4
Bio 100	General Biology I	4	Bi 109	New Testament Messages	1
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Com 101	Fundamentals of Speech	3
Bi 105	Old Testament Messages	1		English Composition	3
FA 125	Introduction to the Arts	1		Fine Arts Appreciation Elective ¹	2
	English Composition	3		Mathematics Elec for Biology Majors ²	3
	Mathematics Elec for Biology Majors ²	3		TOTAL	16
	TOTAL	16			

Second Year

Bio 202	Essentials of Cell Biology	4	Bio 203	Biological Diversity	4
Chm 103	General Chemistry I	4	Bio 210	Research Methods & Analysis	1
Ma 210	Elementary Statistics	3	Chm 104	General Chemistry II	4
	200-level Bible Elective	1	Hi 102	History of Civilization since 1650	3
	English Literature or Writing Elec.	3	Bi 230	Hermeneutics	2
	TOTAL	15		Minor or Electives	2
				TOTAL	16

Third Year

Ph 200	Themes in Western Thought	3	SSE 200	Foundations of Economics	3
Bio 300	Evolution & Origins	3	Bi 402	Bible Doctrines	3
Bio 320	Human Physiology & Anatomy I	4	Com 410	Oral Communication for the Prof.	3
Bio 479	Critical Eval of Biology Literature	1		Cell Biology Elective ³	4
SSS 305	Science: Impact on Society	3		Minor or Electives	4
Bi 401	Bible Doctrines	3		TOTAL	17
	TOTAL	17			

Fourth Year

Bio 405	Genetics	4	Bio 410	Independent Study ⁴	1
Bio 409	Independent Study ⁴	1		Cell Biology Elective ³	4
Bi 499	Apologetics & Worldview	3		Philosophy or Psychology	3
	Minor or Electives	7		Upper-Level Bible Elective ⁵	2
	TOTAL	15		Minor or Electives	6
				TOTAL	16

¹ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

² Students who place into Ma 103 must also take Ma 105. Students who place into Ma 105 must also take Ma 180 or Ma 200. Students who place into Ma 180 or Ma 200 need only 3 credits of mathematics. Ma 210 is also required for all Biology majors.

³ Eight credits must be taken from the following courses: Bio 302 Developmental Biology, Bio 321 Human Physiology & Anatomy II, Bio 322 Bacteriology & Virology, Bio 403 Histology, Bio 404 Immunology and Bio 406 Cell & Molecular Biology.

⁴ Bio 411–412 may be substituted.

⁵ Two credits must be taken with a Bi prefix on the 300–500 level.

· Recommended minors: Chemistry and Physical Science.

(Organismal Biology)

First Year

Uni 101	Freshman Seminar	1	Bio 101	General Biology II	4
Bio 100	General Biology I	4	Bi 109	New Testament Messages	1
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Com 101	Fundamentals of Speech	3
Bi 105	Old Testament Messages	1		English Composition	3
FA 125	Introduction to the Arts	1		Fine Arts Appreciation Elective ¹	2
	English Composition	3		Mathematics Elec for Biology Majors ²	3
	Mathematics Elec for Biology Majors ²	3		TOTAL	16
	TOTAL	16			

Second Year

Bio 208	Organismal Biology I	4	Bio 209	Organismal Biology II	4
Chm 103	General Chemistry I	4	Bio 210	Research Methods & Analysis	1
Ma 210	Elementary Statistics	3	Chm 104	General Chemistry II	4
	200-level Bible Elective	1	Hi 102	History of Civilization since 1650	3
	English Literature or Writing Elec.	3	Bi 230	Hermeneutics	2
	TOTAL	16		Minor or Electives	3
				TOTAL	17

Third Year

Ph 200	Themes in Western Thought	3	Bi 402	Bible Doctrines	3
Bio 300	Evolution & Origins	3	Com 410	Oral Communication for the Prof.	3
Bio 479	Critical Eval of Biology Literature	1		Organismal Biology Elective ³	4
SSS 305	Science: Impact on Society	3		Minor or Electives	6
Bi 401	Bible Doctrines	3		TOTAL	16
	Minor or Electives	3			
	TOTAL	16			

Fourth Year

Bio 202	Essentials of Cell Biology	4	SSE 200	Foundations of Economics	3
Bi 499	Apologetics & Worldview	3		Organismal Biology Elective ³	4
	Organismal Biology Elective ³	4		Philosophy or Psychology	3
	Minor or Electives	4		Upper-Level Bible Elective ⁴	2
	TOTAL	15		Minor or Electives	4
				TOTAL	16

¹ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

² Students who place into Ma 103 must also take Ma 105. Students who place into Ma 105 must also take Ma 180 or Ma 200. Students who place into Ma 180 or Ma 200 need only 3 credits of mathematics. Ma 210 is also required for all Biology majors.

³ Twelve credits must be taken from the following courses: Bio 201 Vertebrate Zoology, Bio 215 Plant Physiology, Bio 301 Invertebrate Zoology, Bio 306 Systematics, Bio 322 Bacteriology & Virology, Bio 400 Parasitology, Bio 401 Ecology and Bio 402 General Entomology.

⁴ Two credits must be taken with a Bi prefix on the 300–500 level.

• Recommended minors: Chemistry and Physical Science.

Bachelor of Science Degree, Premed/Predent Major

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 Natural Science 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 61 credits in the major.

Program Learning Outcomes

The student will ...

- Observe and assess physicians/dentists in their ethical, professional and clinical environs, and also formulate a biblical philosophy of medicine.
- 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.

First Year

Uni 101	Freshman Seminar	1	Bio 101	General Biology II	4
Bio 100	General Biology I	4	Bi 109	New Testament Messages	1
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Com 101	Fundamentals of Speech	3
Bi 105	Old Testament Messages	1		English Composition	3
EA 125	Introduction to the Arts	1		Fine Arts Appreciation Elective ¹	2
	English Composition	3		Mathematics Elec for Premed/Predent ²	3
	Mathematics Elec for Premed/Predent ²	3		TOTAL	16
	TOTAL	16			

Second Year

Bio 202	Essentials of Cell Biology	4	Ph 200	Themes in Western Thought	3
Chm 103	General Chemistry I	4	Bio 210	Research Methods & Analysis	1
Ma 210	Elementary Statistics	3	Chm 104	General Chemistry II	4
	200-level Bible Elective ³	1	Hi 102	History of Civilization since 1650	3
	English Literature or Writing Elec	3	Bi 230	Hermeneutics	2
	TOTAL	15		Biology Elective	4
				TOTAL	17

Third Year

Bio 320	Human Physiology & Anatomy I	4	Bio 321	Human Physiology & Anatomy II	4
Chm 203	Organic Chemistry I	4	Bio 490	Student Medical Internship	1
SSS 305	Science: Impact on Society	3	Chm 204	Organic Chemistry II	4
Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
	Introductory Physics or General Physics I	4		Intermediate Physics or General Physics II	5
	TOTAL	18		TOTAL	17

Fourth Year

Bio 300	Evolution & Origins	3	Ph 402	Ethics	3
Bio 405	Genetics	4	Chm 406	Biochemistry II	4
Chm 405	Biochemistry I	4	SSE 200	Foundations of Economics	3
Bi 499	Apologetics & Worldview	3		Biology Elective	4
Com 410	Oral Communication for the Prof.	3		Upper-Level Bible Elective ⁴	2
	TOTAL	17		TOTAL	16

¹ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

² Students who place into Ma 103 must also take Ma 105. Students who place into Ma 105 must also take Ma 180 or Ma 200. Students who place into Ma 180 or Ma 200 need only 3 credits of mathematics. Ma 210 is also required for all Premed/Pre-dent majors.

³ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Two credits must be taken with a Bi prefix on the 300–500 level.

• Formal acceptance as a Premed/Pre-dent major will be determined by a faculty committee's evaluation of the student's performance after the sophomore year.

Bachelor of Science Degree, Pre-Physical Therapy Major

The Pre-Physical Therapy program provides coursework that prepares students for acceptance into Doctor of Physical Therapy programs and a wide variety of other allied health programs. A unique combination of biology (29 credits), chemistry (8 credits), physics (8 credits) and exercise science (9 hours) courses helps students to understand the scientific concepts and principles underlying the discipline of physical therapy. Taught from a biblical worldview and in combination with the liberal arts core, the student will also be able to articulate a biblical philosophy of issues in professional physical therapy practice.

Program Learning Outcomes

The student will ...

- Critically and logically evaluate the limitations of science and the central concepts of neo-Darwinism and construct counter arguments against them.
- Apply the relationship that exists between structure and function on the cellular and organ system levels and make correct predictions of the failure of homeostatic mechanisms.
- Solve inheritance problems that demonstrate an understanding of fundamental transmission genetics and diagram the central dogma of biology.
- Relate basic physical concepts of force, levers, torque, tension and impulse to human anatomy and physiology.
- Apply principles of human physiology to exercise and exercise therapy.
- Interpret and assess, within a biblical worldview, the ethical and psychological issues encountered in physical therapy practice.
- Evaluate and analyze biblically the practice of physical therapy within actual clinical settings, and formulate a biblical philosophy of practice.

First Year

Uni 101	Freshman Seminar	1	Bio 101	General Biology II	4
Sc 110	Physical Therapy Survey	1	Bi 109	New Testament Messages	1
Bio 100	General Biology I	4	FA 125	Introduction to the Arts	1
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Com 101	Fundamentals of Speech	3
Bi 105	Old Testament Messages	1		English Composition	3
	English Composition	3		Fine Arts Appreciation Elective ¹	2
	Math Elec for Pre-Physical Therapy ²	3		Math Elec for Pre-Physical Therapy ²	3
	TOTAL	16		TOTAL	17

Second Year

Ph 200	Themes in Western Thought	3	Bio 303	Human Anatomy & Physiology I	4
Bio 220	Medical Terminology	1	Chm 104	General Chemistry II	4
Chm 103	General Chemistry I	4	FN 260	Nutrition	3
HPE 311	First Responder	3	Bi 230	Hermeneutics	2
HPE 312	Prevention/Care of Athletic Injuries	1	Ps 200	General Psychology	3
	200-level Bible Elective ³	1		TOTAL	16
	English Literature or Writing Elec.	3			
	TOTAL	16			

Third Year

Sc 200	Essential Science	3	Hi 102	History of Civilization since 1650	3
Bio 304	Human Anatomy & Physiology II	4	Bi 402	Bible Doctrines	3
Ma 210	Elementary Statistics	3	Com 410	Oral Communication for the Prof.	3
Bi 401	Bible Doctrines	3	Ps 341	Fundamentals of Counseling	3
	Biology Elective	4		Biology Elective	4
	TOTAL	17		TOTAL	16

Fourth Year

Bio 421	Kinesiology	3	Bio 422	Physiology of Exercise	3
SSE 200	Foundations of Economics	3	Bio 480	Physical Therapy Internship	1
Bi 499	Apologetics & Worldview	3		Biology Elective	4
Ps 203	Human Growth & Development	3		Intermediate Physics or General Physics II	5
	Introductory Physics or General Physics I	4		Upper-Level Bible Elective ⁴	2
	TOTAL	16		TOTAL	15

¹ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film

² Students who place into Ma 103 must also take Ma 105. Students who place into Ma 105 must also take Ma 180 or Ma 200. Students who place into Ma 180 or Ma 200 need only 3 credits of mathematics. Ma 210 is also required for all Pre-Physical Therapy majors.

³ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Two credits must be taken with a Bi prefix on the 300–500 level.

Department of Chemistry

BRIAN STANLEY VOGT, PhD, *Department Head*

The Department offers a major and minor in Chemistry. Courses are offered in this department for majors requiring a chemistry emphasis and for students to fulfill the general degree requirements in science. Courses are also available as general electives.

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 Chm 103, Chm 104, Chm 203, Chm 204 and 8 credits of electives with a Chm prefix on the 300–500 level. Recommended electives: Chm 405, Chm 406 and Chm 408.

Bachelor of Science Degree, Biochemistry and Molecular Biology Major

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 33 credits of chemistry, 24 credits of biology and 9 credits of physics and supports the mission of the College of Arts and Science to train students in integrating their faith and learning in understanding and responding constructively to problems in the larger world.

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.

First Year

Uni 101	Freshman Seminar	1	Bio 101	General Biology II	4
Bio 100	General Biology I	4	Ma 200	Calculus I	3
Ma 105	Transcendental Functions	3	Bi 109	New Testament Messages	1
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Com 101	Fundamentals of Speech	3
Bi 105	Old Testament Messages	1		English Composition	3
FA 125	Introduction to the Arts	1		TOTAL	14
	English Composition	3			
	TOTAL	16			

Second Year

Ph 200	Themes in Western Thought	3	Bio 322	Bacteriology & Virology	4
Bio 202	Essentials of Cell Biology	4	Chm 104	General Chemistry II	4
Chm 103	General Chemistry I	4	Ma 201	Calculus II ¹	3
Ma 210	Elementary Statistics	3	Hi 102	History of Civilization since 1650	3
	200-level Bible Elective ²	1	Bi 230	Hermeneutics	2
	English Literature or Writing Elec.	3		TOTAL	16
	TOTAL	18			

Third Year

Bio 300	Evolution & Origins	3	Chm 204	Organic Chemistry II	4
Chm 203	Organic Chemistry I	4	Chm 207	Analytical Chemistry	4
Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Com 410	Oral Communication for the Prof.	3		Intermediate Physics or General Physics II	5
	Introductory Physics or General Physics I	4		TOTAL	16
	TOTAL	17			

Fourth Year

Bio 405	Genetics	4	Bio 406	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	1
Bi 499	Apologetics & Worldview	3	Chm 406	Biochemistry II	4
	Fine Arts Appreciation Elective ³	2	SSE 200	Foundations of Economics	3
	Philosophy or Psychology	3		Upper-Level Bible Elective ⁴	2
	TOTAL	18		TOTAL	16

¹ Calculus II is needed if General Physics I and II are taken. General electives are substituted for Calculus II if Introductory Physics and Intermediate Physics are taken. A student in this major is required to take a total of 9 credits of mathematics even if the student places out of one or more of the courses listed.

² One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

⁴ Two credits must be taken with a Bi prefix on the 300–500 level.

Bachelor of Science Degree, Chemistry Major

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 68-credit combination of chemistry (44 credits), mathematics (15 credits), physics (9 credits) and biology (3 credits) and supports the mission of the College of Arts and Science to train students in integrating their faith and learning in understanding and responding constructively to problems in the larger world.

Program Learning Outcomes

The student will ...

- Account for the chemical and physical properties of substances in terms of chemical concepts and principles.
- 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.

First Year

Uni 101	Freshman Seminar	1	Chm 104	General Chemistry II	4
Chm 103	General Chemistry I	4	Ma 200	Calculus I	3
Ma 105	Transcendental Functions	3	Bi 109	New Testament Messages	1
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Com 101	Fundamentals of Speech	3
Bi 105	Old Testament Messages	1		English Composition	3
FA 125	Introduction to the Arts	1		TOTAL	14
	English Composition	3			
	TOTAL	16			

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 201	Calculus II	3	Ma 301	Calculus III	3
	200-level Bible Elective ¹	1	Bi 230	Hermeneutics	2
	English Literature or Writing Elec.	3		Fine Arts Appreciation Elective ²	2
	TOTAL	15		TOTAL	16

Third Year

Ph 200	Themes in Western Thought	3	Chm 207	Analytical Chemistry	4
Bio 103	Fundamentals of Biology	3	Chm 304	Physical Chemistry II	4
Chm 303	Physical Chemistry I	4	Hi 102	History of Civilization since 1650	3
Ma 302	Calculus IV	3	SSE 200	Foundations of Economics	3
Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
	TOTAL	16		TOTAL	17

Fourth Year

Chm 403	Research in Chemistry I	2	Sc 200	Essential Science	3
Chm 405	Biochemistry I	4	Chm 301	Introduction to Molecular Modeling	2
Chm 409	Inorganic Chemistry	3	Chm 404	Research in Chemistry II	1
Chm 418	Instrumental Analysis	4	Bi 499	Apologetics & Worldview	3
SSS 305	Science: Impact on Society	3	Com 410	Oral Communication for the Prof.	3
	Upper-Level Bible Elective ³	2		Philosophy or Psychology	3
	TOTAL	18		Minor or Electives	1
				TOTAL	16

¹ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

³ Two credits must be taken with a Bi prefix on the 300–500 level.

• One year of biochemistry is strongly recommended.

Department of Physics and Engineering

WILLIAM P LOVEGROVE, PhD, *Department Head*

The Department offers majors in Engineering, Physics and a minor in Physics. Courses are offered in this department for students to fulfill the general degree requirements in science. Courses are also available as general electives.

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 and engineering.

A minor in Physics consists of Phy 201, Phy 202, Phy 408, Phy 409 and three credits of electives with a Phy prefix above the 100 level. Recommended electives: Phy 308, Phy 356, Phy 403 and Phy 410.

Bachelor of Science Degree, Engineering Major

The Engineering major provides preparation for careers in a variety of engineering disciplines. Students may choose a concentration in electrical, mechanical or computer engineering, or they may select a custom program of electives suited to their career goals. 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 program requires 51 credits of engineering and 33 credits of math and science. The program also requires individual and multidisciplinary team design projects. Students are eligible for entry-level jobs in engineering but are also encouraged to consider a master's degree in an engineering specialty.

Program Learning Outcomes

The student will ...

- Apply a core of knowledge necessary to engineering practice.
- Perform experiments and properly use the results.
- Exercise the technical skills necessary to work well in the engineering community.
- 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.

First Year

Uni 101	Freshman Seminar	..... 1	Chm 107	Chemistry for Engineers	..... 3
Eng 101	Introduction to Engineering	..... 3	Ele 110	Digital Electronics	..... 3
Ma 105	Transcendental Functions ¹	..... 3	Ma 200	Calculus I	..... 3
Hi 101	History of Civ c. 3500 BC to AD 1650	..... 3	Hi 102	History of Civilization since 1650	..... 3
Bi 105	Old Testament Messages	..... 1	Bi 109	New Testament Messages	..... 1
Com 101	Fundamentals of Speech	..... 3	FA 125	Introduction to the Arts	..... 1
	English Composition	..... 3		English Composition	..... 3
	TOTAL	..... 17		TOTAL	..... 17

Second Year

Ele 205	Basic Circuit Analysis I	..... 3	Ele 206	Basic Circuit Analysis II	..... 3
Phy 201	General Physics I	..... 4	Phy 202	General Physics II	..... 5
Ma 201	Calculus II	..... 3	Ma 301	Calculus III	..... 3
Bi 230	Hermeneutics	..... 2		CpS 109 or CpS 110	..... 3
	English Literature or Writing Elec	..... 3		200-level Bible Elective ²	..... 1
	TOTAL	..... 15		TOTAL	..... 15

Third Year

Eng 200	Statics & Strength of Materials	..... 3	Sc 200	Essential Science	..... 3
Ma 302	Calculus IV	..... 3	Eng 310	Materials Engineering	..... 3
SSS 305	Science: Impact on Society	..... 3	Ma 406	Differential Equations	..... 3
Bi 401	Bible Doctrines	..... 3	Bi 402	Bible Doctrines	..... 3
	Engineering Major Elective³	..... 3		Fine Arts Appreciation Elective ⁴	..... 2
	Engineering Major Elective³	..... 3		Engineering Major Elective³	..... 3
	TOTAL	..... 18		TOTAL	..... 17

Fourth Year

Ph 200	Themes in Western Thought	3	Eng 405	Design Problems	3
Eng 308	Electromagnetics I	3	Eng 408	Linear Control Systems	3
Eng 406	Mechatronics	3	SSE 200	Foundations of Economics	3
Eng 407	Linear System Analysis	3		Engineering Major Elective ³	3
Bi 499	Apologetics & Worldview	3		Engineering Major Elective ³	3
Com 410	Oral Communication for the Prof.	3		Upper-Level Bible Elective ⁵	2
	TOTAL	18		TOTAL	17

¹ Students with a math ACT score below 26 may be required to take extra math courses and may need more than four years to finish this degree. A strong high school math and science program is recommended.

² One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Engineering electives are available for concentrations in electrical, mechanical and computer engineering. In consultation with their advisor, students are allowed to customize a program of electives that may or may not conform to a traditional branch of engineering. Fifteen credits must be taken from the following courses: CpS 111 Computer Science II, CpS 210 Data Structures, CpS 230 Computer Systems, CpS 335 Computer Network Fundamentals, Ele 201 Solid State Applications I, Ele 207 Electric Machinery, Ele 306 Linear Integrated Circuits, Ele 404 Microprocessor Interfacing, Eng 201 Engineering Dynamics, Eng 309 Electromagnetics II and Phy 402 Thermodynamics/Statistical Mechanics.

⁴ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

⁵ Two credits must be taken with a Bi prefix on the 300–500 level.

Bachelor of Science Degree, Physics Major

Students in this major will be prepared for graduate school by taking 40 credits of physics, 21 credits of math and 17 credits of other science. Students conduct publishable research early in their training. 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 a consistent, biblically based creation model. This program aligns with the mission of the College of 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 principles of physics to physical problems.
- Conduct experiments, analyze and interpret results (including error analysis).
- Derive physical models from experiment.
- Apply mathematical knowledge to the solutions of problems.
- Conduct publishable research.
- Analyze scientific results and formulate alternate explanations from a biblical worldview with a view toward the development a young earth creation model.
- Present an oral presentation on a scientific topic.

First Year

Uni 101	Freshman Seminar	1	Chm 104	General Chemistry II	4
Chm 103	General Chemistry I	4	Ma 150	Intro to Mathematical Reasoning ¹	3
Phy 110	Physics Survey	1	Ma 200	Calculus I	3
Ma 105	Transcendental Functions	3	Bi 109	New Testament Messages	1
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Com 101	Fundamentals of Speech	3
Bi 105	Old Testament Messages	1		English Composition	3
FA 125	Introduction to the Arts	1		TOTAL	17
	English Composition	3			
	TOTAL	17			

Second Year

Phy 201	General Physics I	4	Phy 202	General Physics II	5
Ma 201	Calculus II	3	Ma 300	Elementary Linear Algebra	3
Hi 102	History of Civilization since 1650	3	Ma 301	Calculus III	3
	200-level Bible Elective ²	1	Bi 230	Hermeneutics	2
	As 150 or Ele 205 ³	3		As 251 or Ele 206 ⁴	3
	English Literature or Writing Elec	3		TOTAL	16
	TOTAL	17			

Third Year

Sc 200	Essential Science.....	3	Phy 357	Mechanics II	3
Phy 356	Mechanics I	3	Phy 403	Optics	3
Phy 402	Thermodynamics/Statistical Mechanics	3	Ma 406	Differential Equations.....	3
Phy 408	Modern Physics	3	Bi 401	Bible Doctrines.....	3
Ma 302	Calculus IV.....	3	Bi 402	Bible Doctrines.....	3
	As 303 or Phy 303 ⁵	2		Philosophy or Psychology.....	3
	TOTAL	17		TOTAL	18

Fourth Year

Phy 308	Electricity & Magnetism I	3	Ph 200	Themes in Western Thought.....	3
Phy 409	Introduction to Quantum Mechanics I	3	Phy 309	Electricity & Magnetism II	3
Bi 499	Apologetics & Worldview.....	3	Phy 410	Introduction to Quantum Mechanics II	3
Com 410	Oral Communication for the Prof.....	3	SSE 200	Foundations of Economics.....	3
	Fine Arts Appreciation Elective ⁶	2		As 490 or Phy 490 ⁷	1
	TOTAL	14		Upper-Level Bible Elective ⁸	2
				TOTAL	15

¹ Requirement may be waived by Mathematics Placement Test.

² One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Students with an astronomy emphasis must select As 150 Solar System Astronomy, and students with a physics emphasis must select Ele 205 Basic Circuit Analysis I.

⁴ Students with an astronomy emphasis must select As 151 Stellar & Galactic Astronomy, and students with a physics emphasis must select Ele 206 Basic Circuit Analysis II.

⁵ Students with an astronomy emphasis must select As 303 Observational Astronomy, and students with a physics emphasis must select Phy 303 Experimental Physics.

⁶ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

⁷ Students with an astronomy emphasis must select As 490 Research in Astronomy, and students with a physics emphasis must select Phy 490 Research in Physics

⁸ Two credits must be taken with a Bi prefix on the 300–500 level.

• This major provides a foundation for students desiring advanced work in physics or astronomy.

• Recommended minors: Chemistry and Mathematics.

DIVISION OF MATHEMATICAL SCIENCES

MELISSA CULVER GARDENGHI, PhD, *Chairman*

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 Mathematical Sciences division 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.
- 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 his work and life.

Department of Mathematics

DAVID DEAN 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.

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 105, Ma 200, Ma 201, Ma 301 and six credits of electives with a Ma prefix at the 300–500 level. Recommended electives: Ma 300, Ma 302, Ma 506 and Ma 507.

Bachelor of Science Degree, Actuarial Science Major

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 Mathematical Sciences Division 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 36 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 ...

- Solve problems using standard mathematical techniques.
- 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.
- Construct a biblically consistent philosophy of topics encountered in actuarial science.

First Year

Uni 101	Freshman Seminar	1	Ma 150	Intro to Mathematical Reasoning ¹	3
Ma 105	Transcendental Functions ²	3	Ma 200	Calculus I	3
Ma 210	Elementary Statistics	3	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Com 101	Fundamentals of Speech	3
FA 125	Introduction to the Arts	1		English Composition	3
	English Composition	3		TOTAL	16
	TOTAL	15			

Second Year

Ma 201	Calculus II	3	Ma 301	Calculus III	3
Ma 300	Elementary Linear Algebra	3	Ma 388	Actuarial Exam FM Preparation	1
Ma 308	Theory of Interest	3	Bi 230	Hermeneutics	2
Ac 101	Principles of Accounting I	3	Ac 102	Principles of Accounting II	3
	200-level Bible Elective ³	1		Computer Programming Elective ⁴	3
	English Literature or Writing Elec.	3		Fine Arts Appreciation Elective ⁵	2
	TOTAL	16		Minor or Electives	1
				TOTAL	15

Third Year

Ph 200	Themes in Western Thought	3	Ma 381	Actuarial Science II	3
Sc 200	Essential Science.	3	SSE 200	Foundations of Economics.	3
Ma 302	Calculus IV	3	Bi 402	Bible Doctrines.	3
Ma 380	Actuarial Science I	3	Com 410	Oral Communication for the Prof.	3
Bi 401	Bible Doctrines.	3	BA 203	Principles of Management	3
	Minor or Electives	1	BA 404	Business Statistics	3
	TOTAL	16		TOTAL	18

Fourth Year

Ma 404	Probability & Statistics I	3	Ma 405	Probability & Statistics II	3
SSE 210	Economics for the Professional	3	Ma 488	Actuarial Exam P Preparation	1
Bi 499	Apologetics & Worldview	3		Philosophy or Psychology	3
	Mathematics Elective	3		Upper-Level Bible Elective ⁶	2
	Minor or Electives	4		Minor or Electives	7
	TOTAL	16		TOTAL	16

¹ May be waived by passing the Mathematics Proof Techniques Test.

² First mathematics course placement is by Math ACT score or by Mathematics Placement Test.

³ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Three credits must be taken from the following courses: CpS 109 Introduction to Computer Programming, CpS 110 Computer Science I and CpS 111 Computer Science II.

⁵ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

⁶ Two credits must be taken with a Bi prefix on the 300–500 level.

· Recommended minors: Business and Computer Science.

Bachelor of Science Degree, Mathematics Major

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 36 credits of mathematics as well as coursework in computer science and physics.

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.

First Year

Uni 101	Freshman Seminar.	1	Ma 150	Intro to Mathematical Reasoning ¹	3
Ma 105	Transcendental Functions ²	3	Ma 200	Calculus I	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Hi 102	History of Civilization since 1650	3
Bi 105	Old Testament Messages	1	Bi 109	New Testament Messages	1
FA 125	Introduction to the Arts	1	Com 101	Fundamentals of Speech	3
	Computer Programming Elective ³	3		English Composition	3
	English Composition.	3		TOTAL	16
	Minor or Electives	1			
	TOTAL	16			

Second Year

Sc 200	Essential Science.	3	Phy 202	General Physics II.	5
Phy 201	General Physics I	4	Ma 300	Elementary Linear Algebra	3
Ma 201	Calculus II	3	Ma 301	Calculus III	3
	200-level Bible Elective ⁴	1	Bi 230	Hermeneutics	2
	English Literature or Writing Elec.	3		Fine Arts Appreciation Elective ⁵	2
	Minor or Electives	2		Minor or Electives	1
	TOTAL	16		TOTAL	16

Third Year

Ph 200	Themes in Western Thought	3	Bi 402	Bible Doctrines	3
Ma 302	Calculus IV	3	Com 410	Oral Communication for the Prof.	3
SSE 200	Foundations of Economics	3		Mathematics Elective ⁶	3
Bi 401	Bible Doctrines	3		Mathematics Elective ⁶	3
	Minor or Electives	4		Philosophy or Psychology	3
	TOTAL	16		Minor or Electives	1
				TOTAL	16

Fourth Year

Ma 479	Mathematics Seminar	1		Mathematics Elective ⁶	3
Bi 499	Apologetics & Worldview	3		Mathematics Elective ⁶	3
	Mathematics Elective ⁶	3		Upper-Level Bible Elective ⁷	2
	Mathematics Elective ⁶	3		Minor or Electives	8
	Minor or Electives	6		TOTAL	16
	TOTAL	16			

¹ Ma 150 can be waived by taking the Math Reasoning Placement Test.

² First mathematics course placement is by Math ACT score or by Mathematics Placement Test.

³ Three credits must be taken from the following courses: CpS 109 Introduction to Computer Programming, CpS 110 Computer Science I and CpS 111 Computer Science II.

⁴ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁵ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

⁶ Eighteen credits must be taken with a Ma prefix on the 300–500 level.

⁷ Two credits must be taken with a Bi prefix on the 300–500 level.

· Recommended minors: Business, Chemistry, Computer Science and Physics.

Department of Computer Science

JAMES ANTHONY KNISELY, PhD, *Department Head*

The Department offers majors and minors in Computer Science 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 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, CpS 111, CpS 210, CpS 230 and six credits of electives with a CpS prefix.

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, CpS 201, CpS 202, CpS 225, CpS 301 and three credits of CpS electives.

Bachelor of Science Degree, Computer Science Major

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 36 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.

First Year

Uni 101	Freshman Seminar	1	Ele 110	Digital Electronics	3
Ma 105	Transcendental Functions	3	Ma 200	Calculus I	3
CpS 105	Computer Fluency	3	CpS 111	Computer Science II	3
CpS 110	Computer Science I ¹	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Com 101	Fundamentals of Speech	3
FA 125	Introduction to the Arts	1		English Composition	3
	English Composition	3		TOTAL	16
	TOTAL	15			

Second Year

Sc 200	Essential Science	3	CpS 320	Unix Programming	3
Ma 210	Elementary Statistics	3	SSE 200	Foundations of Economics	3
CpS 210	Data Structures	3	Bi 230	Hermeneutics	2
CpS 230	Computer Systems	3	PW 222	Fundamentals of Technical Writing	3
	200-level Bible Elective ²	1		Minor or Electives	5
	English Literature or Writing Elec	3		TOTAL	16
	TOTAL	16			

Third Year

Ma 300	Elementary Linear Algebra	3	CpS 360	Introduction to Operating Systems	3
CpS 301	Intro: Database Management Systems	3	CpS 491	Computer Security	3
CpS 310	Microprocessor Architecture	3	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	Com 410	Oral Communication for the Prof.	3
	Fine Arts Appreciation Elective ³	2		Minor or Electives	1
	TOTAL	17		TOTAL	16

Fourth Year

Ph 200	Themes in Western Thought	3	Ma 303	Discrete Math	3
CpS 350	Programming Language Design	3	CpS 450	Language Translation Systems	3
CpS 479	Computer Science Seminar	1		Philosophy or Psychology	3
Bi 499	Apologetics & Worldview	3		Upper-Level Bible Elective ⁴	2
	Computer Science Elective	3		Minor or Electives	5
	Minor or Electives	3		TOTAL	16
	TOTAL	16			

¹ First computer science course placement is by Math ACT score or by Mathematics Placement Test.

² One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

⁴ Two credits must be taken with a Bi prefix on the 300–500 level.

• Recommended minor: Mathematics.

Bachelor of Science Degree, Information Technology Major

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 36 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.

First Year

Uni 101	Freshman Seminar	1	Ma 210	Elementary Statistics	3
Ma 103	College Algebra ¹	3	CpS 109	Introduction to Computer Programming	3
CpS 105	Computer Fluency	3	SSE 200	Foundations of Economics	3
Bi 105	Old Testament Messages	1	Bi 109	New Testament Messages	1
FA 125	Introduction to the Arts	1	Com 101	Fundamentals of Speech	3
	English Composition	3		English Composition	3
	Minor or Electives	4		TOTAL	16
	TOTAL	16			

Second Year

Sc 200	Essential Science	3	CpS 202	Information Technology II	3
CpS 110	Computer Science I	3	CpS 335	Computer Network Fundamentals	3
CpS 201	Information Technology I	3	Bi 230	Hermeneutics	2
	200-level Bible Elective ²	1	BA 203	Principles of Management	3
	English Literature or Writing Elec.	3		Minor or Electives	5
	Fine Arts Appreciation Elective ³	2		TOTAL	16
	Minor or Electives	1			
	TOTAL	16			

Third Year

Ph 200	Themes in Western Thought	3	CpS 225	Business Systems	3
CpS 301	Intro: Database Management Systems	3	CpS 491	Computer Security	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Hi 102	History of Civilization since 1650	3
Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Com 410	Oral Communication for the Prof.	3	PW 222	Fundamentals of Technical Writing	3
	Minor or Electives	1		Ma 105 or Ma 180	3
	TOTAL	16		TOTAL	18

Fourth Year

CpS 420	Software Development	3	CpS 465	Information Technology Internship I	3
CpS 433	Network Administration	3	Bi 499	Apologetics & Worldview	3
CpS 479	Computer Science Seminar	1		Philosophy or Psychology	3
Com 505	Communication Training & Development	3		Minor or Electives	7
	Upper-Level Bible Elective ⁴	2		TOTAL	16
	Minor or Electives	4			
	TOTAL	16			

¹ First mathematics course placement is by Math ACT score or by Mathematics Placement Test.

² One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

⁴ Two credits must be taken with a Bi prefix on the 300–500 level.

• Recommended minor: Business.

DIVISION OF NURSING AND HEALTH SCIENCE

CYNTHIA ANN MCGUIRE, MS, *Chairman*

The Division of Nursing and Health Science offers a major in Nursing. 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 and Health Science prepares students academically, clinically and spiritually to function as healthcare 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 healthcare field.
- Successfully establish and maintain therapeutic relationships in the healthcare setting.
- Exhibit professional behavior in the healthcare setting.

BSN Completion Program

The BSN completion program is for nurses who have an active, unencumbered American RN license. The RN student must receive credit for all the required courses of the Bob Jones University BSN program. Credit for the courses is obtained in one of three ways: transferring previous coursework, challenging specified nursing courses or taking required courses. The program will take a minimum of two years. The overall time will vary based on the number of credits transferred and the student's success on the nursing challenge examinations. The RN will be allowed to enter the junior or senior level of nursing courses based on the credits transferred and successfully challenged.

Clinical Facilities

The students will utilize a wide variety of clinical facilities in connection with the second, third and fourth year of nursing clinical courses. Among the facilities included in the learning experience are the following: Greenville Hospital System, Spartanburg Regional Healthcare System, Baptist Easley Hospital, Bon Secours St. Francis Healthcare System, Carolina Center for Behavioral Health, as well as the Greenville Health Department and numerous community health agencies.

Bachelor of Science in Nursing Degree, Nursing Major

The Nursing major provides preparation for serving God as a professional nurse generalist. All liberal arts and science courses are taught from a biblical Christian perspective; all nursing courses are based on the nursing program's own Biblical Conceptual Model which serves as the foundation for the curriculum. The program is 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). A baccalaureate program is to be preferred over an associate degree program because of additional knowledge, experience and service potential. The BSN prepares the nurse for graduate nursing specialization and effective Christian service. This program requires 55 credits in the major and has three academic years of nursing clinical courses as compared to two in most other RN programs.

One year of chemistry, one year of biology and two years of mathematics are recommended of high school work. Students with weak backgrounds in mathematics and/or science should consider our five-year curriculum plan. Please check with the division chairman.

Program Learning Outcomes

The student will ...

- Implement patient-centered care that integrates knowledge of human growth and development, pathophysiology, pharmacology, medical management, nursing management and evidence-based practice across the lifespan and in all healthcare settings.
- Apply clinical reasoning and judgment to make decisions and solve problems in the health-care field, utilizing appropriate biblical and ethical principles.
- Utilize interpersonal communication skills in order to establish and maintain therapeutic and collaborative relationships in the healthcare setting.
- Assume accountability for personal and professional behavior.
- Implement patient-centered nursing care that reflects a biblical worldview.

Formal Acceptance to Nursing Clinical Courses

Formal acceptance as a nursing major will be determined upon the student's successful completion of the requirements prescribed in the first year of study.

1. Each student must have a score of 18 or above on the math, science and composite scores of the ACT.
2. Kaplan's Admission Test from the Kaplan Integrated Testing program will be taken in the spring of the first year to determine in part the student's eligibility.
3. Each student must have an overall 2.50 grade point average to be admitted to the second, third and fourth year requirements in nursing.
4. Each student will have a personal interview with the chairman of the Division of Nursing, at which time the student's health and ability to learn nursing skills will be evaluated. (The sophomore class will be limited to the number of openings available for the Nursing Clinicals.)
5. A student must earn a grade of C or better in all science courses as well as FN 101 Basic Nutrition and Nu 105 Interpersonal Skills for Nurses.

Students need to follow the exact sequence of listed curriculum. Any deviations from the curriculum as listed below must first be discussed with and approved by the division chairman.

First Year

Uni 101	Freshman Seminar	1	Bio 303	Human Anatomy & Physiology I	4
Bio 102	Principles of Biology	4	Chm 106	Bio-Organic Chemistry I	4
Chm 105	Foundations of Chemistry	4	FN 101	Basic Nutrition	1
Bi 105	Old Testament Messages	1	Nu 105	Interpersonal Skills for Nurses	2
Com 101	Fundamentals of Speech ¹	3	Bi 109	New Testament Messages	1
	English Composition & Literature	3	FA 125	Introduction to the Arts	1
	TOTAL	16		English Composition & Literature	3
				TOTAL	16

Second Year

Bio 304	Human Anatomy & Physiology II	4	Ph 200	Themes in Western Thought	3
Nu 200	Nursing Process: Fundamentals	5	Bio 308	Microbiology	4
Nu 203	Nursing Process: Beg Physical Assess	3	Bio 312	Pharmacology	2
Ps 203	Human Growth & Development	3	Nu 204	NP: Beg Med-Surg/Geriatric Nursing	6
	200-level Bible Elective ²	1	Bi 230	Hermeneutics	2
	TOTAL	16		TOTAL	17

Third Year

Bio 315	Advanced Pharmacology	2	Nu 303	Nursing Research & Statistics	3
Nu 300	NP: Medical-Surgical Nursing	5	Nu 304	NP: Maternal-Newborn Nursing	4
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Nu 305	Nursing Process: Pediatric Nursing	4
SSS 202	Introduction to Sociology	3	Hi 102	History of Civilization since 1650	3
Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
	TOTAL	16		TOTAL	17

Fourth Year

Nu 091	NCLEX Review	0	Nu 092	NCLEX Review	0
Nu 400	Nursing Process: Psychiatric Nursing	4	Nu 402	Professional Nursing Issues	1
Nu 401	NP: Adv Medical-Surgical Nursing	6	Nu 407	NP: Community Health Nursing	4
Nu 406	Nurse in Christian Service	2	Nu 412	Nursing Practicum	8
	Upper-Level Bible Elective	2	Bi 499	Apologetics & Worldview	3
	English Literature or Writing Elec.	3		TOTAL	16
	TOTAL	17			

¹ Students with a math ACT score below 18 will be required to take Ma 101 Basic College Mathematics I Semester. Com 101 will then be taken II Semester.

² One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

- Students with weak backgrounds in mathematics and/or science should consider our five-year curriculum. Please see your advisor or the division chairman.
- A grade of C or better is required for both the theory and clinical portions of each nursing course.
- 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.
- Senior students are required to provide their own transportation to clinical experiences both semesters of the senior year.
- An acceptable Criminal Background Check (state, and if necessary, an FBI fingerprint check) and an acceptable Urine Drug Screen are required before going to clinical in Nu 200.

DIVISION OF SOCIAL SCIENCE

JOHN AUSTIN MATZKO, PhD, *Chairman*

The Division of Social Science of the College of Arts and Science includes the Departments of History and Social Studies.

Purpose

The Division of 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 discipline.
- Integrate understanding and practice of his discipline with a biblical worldview.

Department of History

LINDA KAY HAYNER, PhD, *Department Head*

The Department offers a major and minor in History. Courses offered in this department enable students to fulfill the general degree requirements in History. Courses are also available as general electives.

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, Hi 202 and twelve credits of electives with an Hi prefix.

Bachelor of Arts Degree, History Major

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, research and writing, culminating in the supervised writing of a senior research paper. This program requires 36 credits, including courses in American, western and non-western history.

Program Learning Outcomes

The student will ...

- Analyze changes and continuities in human history oral and written.
- Evaluate research materials and historical interpretations from a biblical perspective.
- Communicate effectively, both orally and in writing.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	FA 125	Introduction to the Arts	1
	English Composition	3	Com 101	Fundamentals of Speech	3
	Foreign Language	3		English Composition	3
	Minor or Electives	5		Foreign Language	3
	TOTAL	16		Minor or Electives	2
				TOTAL	16

Second Year

Sc 200	Essential Science	3	Hi 202	United States History since 1865	3
Hi 201	United States History to 1865	3	Bi 230	Hermeneutics	2
	200-level Bible Elective ¹	1		Fine Arts Appreciation Elective ²	2
	English Literature or Writing Elec	3		Foreign Language	3
	Foreign Language	3		History Elective³	3
	History Elective³	3		Science, Math, or Comp Sci	3
	TOTAL	16		TOTAL	16

Third Year

Ph 200	Themes in Western Thought	3	Hi 406	Historiography	3
Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
	History Elective³	3	Com 410	Oral Communication for the Prof.	3
	History Elective³	3		History Elective³	3
	Minor or Electives	4		Philosophy or Psychology	3
	TOTAL	16		Minor or Electives	1
				TOTAL	16

Fourth Year

Hi 440	Historical Research & Writing	3	Bi 499	Apologetics & Worldview	3
SSE 200	Foundations of Economics	3		History Elective³	3
	History Elective³	3		History Elective³	3
	Upper-Level Bible Elective ⁴	2		Minor or Electives	7
	Minor or Electives	5		TOTAL	16
	TOTAL	16			

¹ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

³ At least one course must be chosen from each of three categories listed below:

American: Hi 330 Colonial Era in America, Hi 333 Civil War & Reconstruction, Hi 350 The West Since 1914, Hi 451 The South, Hi 460 American Social History Since 1865, Hi 449 American Legal History, Hi 418 History of Religion in America

Western European: Hi 300 Ancient Near East & Greece, Hi 301 Rome, Hi 310 Middle Ages, Hi 370 Early Modern Europe & the French Revolution, Hi 402 Renaissance, Hi 405 Reformation, Hi 407 History of England c. 54 BC to AD 1750, Hi 452 Europe in the 19th Century

Special Area: Hi 360 The Non-Western World Since 1914, Hi 409 The Middle East, Hi 499 European Studies

⁴ Two credits must be taken with a Bi prefix on the 300–500 level.

• Recommended minors: Creative Writing, English, French, Political Science and Spanish.

Department of Social Studies

LINDA KAY HAYNER, PhD, *Department Head*

The Department offers majors in Criminal Justice and International Studies and minors in Criminal Justice, Political Science and Social Studies. Courses offered in this department also fulfill general degree requirements in social studies and serve as general electives.

Internships are available to qualified majors and are assigned by the department head.

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 the 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, CJ 107, CJ 201, CJ 202, CJ 310 and CJ 312.

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 relationship of church and state, the nature and operation of political parties, and methods of participation in the political process.

A minor in Political Science consists of SSP 207, SSP 208, SSP 310, SSP 402 and six credits of electives with an SSP prefix.

Recommended electives: SSP 303, SSP 304, SSP 311, SSP 449, SSP 498 and SSP 499.

Social Studies Minor

The Social Studies minor surveys human relationships in economic, political, geographic and cultural contexts.

A minor in Social Studies consists of 18 credits of electives with an SSE, SSG, SSP and SSS prefix. At least one course must be selected from each of three of the following four categories: economics, geography, political science and sociology. Recommended electives: SSE 205, SSG 200, SSP 207 and SSS 202.

Bachelor of Arts Degree, International Studies Major

International Studies, an interdisciplinary major, prepares students for careers in international affairs. Its core of history and social studies is complemented by courses in international business and foreign language. The program requires 36 credits in the major; a summer practical experience 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.

First Year

Uni 101	Freshman Seminar.....	1	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages.....	1	EA 125	Introduction to the Arts	1
Com 101	Fundamentals of Speech.....	3		English Composition	3
	English Composition.....	3		Foreign Language ¹	3
	Foreign Language ¹	3		Minor or Electives	3
	TOTAL	14		TOTAL	14

Second Year

Sc 200	Essential Science	3	SSE 210	Economics for the Professional	3
SSE 200	Foundations of Economics	3	SSP 207	National Government	3
SSG 200	Fundamentals of Geography	3	Bi 230	Hermeneutics	2
	200-level Bible Elective ²	1		Foreign Language ¹	3
	English Literature or Writing Elec	3		Science, Math, or Comp Sci	3
	Foreign Language ¹	3		Minor or Electives	3
	TOTAL	16		TOTAL	17

Third Year

Hi 350	West Since 1914	3	SSG 201	Economic & Political Geography	3
Bi 401	Bible Doctrines	3	SSP 303	International Relations	3
Com 410	Oral Communication for the Prof.	3	Bi 402	Bible Doctrines	3
	Fine Arts Appreciation Elective ³	2		Communication Elective ⁴	3
	Foreign Language ¹	3		Foreign Language ¹	3
	Minor or Electives	3		Minor or Electives	2
	TOTAL	17		TOTAL	17

Fourth Year

Ph 200	Themes in Western Thought	3	Hi 360	The Non-West World since 1914	3
SSP 489	International Studies Seminar	1	SSP 310	Comparative Politics	3
SSS 504	Cultural Anthropology	3	Bi 499	Apologetics & Worldview	3
	History Region Elective ⁵	3		Philosophy or Psychology	3
	Upper-Level Bible Elective ⁶	2		Political Science Elective	3
	Minor or Electives	4		Minor or Electives	2
	TOTAL	16		TOTAL	17

¹ Eighteen credits must be taken in a modern language.

² One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

⁴ Three credits must be taken from the following courses: Com 407 Argumentation & Debate, Com 520 Intercultural Communication, Com 521 Non-Verbal Communication.

⁵ Three credits must be taken from the following courses: Hi 370 Early Modern Europe & the French Revolution, Hi 409 Middle East, Hi 452 Europe in the 19th Century.

⁶ Two credits must be taken with a Bi prefix on the 300–500 level.

• It is strongly recommended that majors participate in a university mission team, study tour or practicum during at least one summer following the second year.

Bachelor of Science Degree, Criminal Justice Major

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 36 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.

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.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	CJ 107	Community Policing	3
CJ 101	Introduction to Criminal Justice	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Com 101	Fundamentals of Speech	3
FA 125	Introduction to the Arts	1		English Composition	3
	English Composition	3		Minor or Electives	3
	Minor or Electives	3		TOTAL	16
	TOTAL	15			

Second Year

Sc 200	Essential Science.....	3	CJ 202	Constitutional Law	3
CJ 201	Criminal Law	3	SSE 200	Foundations of Economics.....	3
SSP 208	State & Local Government.....	3	SSS 203	Juvenile Delinquency.....	3
SSS 202	Introduction to Sociology.....	3	Bi 230	Hermeneutics	2
	200-level Bible Elective ¹	1		Criminal Justice Elective	3
	English Literature or Writing Elec.....	3		Science, Math, or Comp Sci	3
	TOTAL	16		TOTAL	17

Third Year

Ph 200	Themes in Western Thought	3	CJ 312	Criminology	3
CJ 310	Criminal Justice Ethics	3	Bi 402	Bible Doctrines	3
SSS 204	Social Problems	3	PW 324	Business Writing.....	3
Bi 401	Bible Doctrines.....	3		Fine Arts Appreciation Elective ²	2
	Criminal Justice Elective	3		Minor or Electives	5
	Minor or Electives	1		TOTAL	16
	TOTAL	16			

Fourth Year

Ps 450	Abnormal Psychology	3	CJ 415	Criminal Justice Internship ³	3
	Criminal Justice Elective	3	Bi 499	Apologetics & Worldview	3
	Criminal Justice Elective	3	Com 410	Oral Communication for the Prof.....	3
	Upper-Level Bible Elective ⁴	2		Criminal Justice Elective	3
	Minor or Electives	5		Minor or Electives	4
	TOTAL	16		TOTAL	16

¹ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

³ Students may substitute this requirement with a CJ elective.

⁴ Two credits must be taken with a Bi prefix on the 300–500 level.

- HPE 311 First Responder may substitute as a CJ elective.
- Recommended minors: Business, Chemistry, Social Studies and Spanish.



School of Religion
Royce B. Short, PhD
Dean

GENERAL INFORMATION

Purpose

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 and Departments

The School of Religion is organized into two divisions:

I. Division of Bible

Department of Ancient Languages

II. Division of Practical Studies

Department of Church Ministries

Department of Missions

DEGREES OFFERED

Undergraduate Degrees

The *Associate of Science* degree with a major in Christian Ministries.

The *Bachelor of Arts* degree with majors in Bible and Cross-Cultural Service.

The *Bachelor of Arts in Practical Christian Training* degree with a major in Practical Christian Training (Associate Option).

The *Bachelor of Science* degree with a major in Christian Ministries.

Gainful Employment

For graduation rates, the median debt of students who completed the program and other important information, visit go.bju.edu/rates.

Program Emphasis

Well over half (69–81 of 128 credits) of the ministerial 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.

Ministerial Classes

Each week ministerial students and those interested in the ministry meet together to receive instruction and inspiration from the university president and other experienced men of God. Twice each week the ministerial students meet separately by classification and receive specialized instruction in areas such as soul winning, preaching, the music ministry, the youth ministry, missions, church finances, cults and the ministry of prayer. All male students in the School of Religion are classified as ministerial students unless a non-ministerial classification request form has been filled out and approved by the Director of Ministerial Training and Outreach. To be valid, the completed form must be on file in the Records Office.

Church Internship Program

Rising junior ministerial students are placed under the leadership of experienced, fundamental pastors where they receive practical experience and instruction in all phases of the local church ministry.

Outreach Ministries

Throughout the week and on weekends the outreach program provides for the development of student leadership and experience in various types of Christian ministries, such as church visitation, jail services, retirement home ministries, youth work and child evangelism.

Directed Missionary Training

Any university student may earn up to three credits for participating in one of the numerous summer mission teams organized through the School of Religion. Under the guidance of experienced faculty members and field missionaries, students receive instruction and practical experience in many aspects of inter-cultural ministry.

Mission Internship Program

For a summer, Christian Missions majors are placed under the leadership of experienced missionaries where they receive cross-cultural instruction and experience in all phases of mission work.

Church Planting Outreach

Ministerial graduates are strongly encouraged to consider planting a fundamental church in a needy area. The Office of Outreach Ministries 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. Students should take the course “Methods of Church Planting.”

Placement Services

The School of Religion outreach office assists students and graduates in finding positions for Christian service.

DIVISION OF BIBLE

DANIEL PERRY OLINGER, PhD, *Chairman*

The Division of Bible of the School of Religion includes the Department of Ancient Languages. The Division offers a Bachelor of Arts degree with a major in Bible. 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.

Purpose

The Division of Bible 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 personal devotion.
- Explain and defend the fundamental doctrines of the Christian faith.
- Make choices that are informed by and consistent with biblical teachings.

Greek Minor

The Greek minor provides an understanding of biblical Greek beyond the elementary and intermediate levels. It enhances language skill for comprehension in the classroom and for personal use.

A minor in Greek consists of ALG 101, ALG 102, ALG 201, ALG 202 and six credits of electives with an ALG prefix.

Bachelor of Arts Degree, Bible Major

The Bible 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 includes: Bible, ministerial 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.

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.

(Men)

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Pr 102	Discipleship/Preaching	1
Pr 101	Preparation for Service/Evangelism	1		English Composition	3
FA 125	Introduction to the Arts	1		Science, Math, or Comp Sci	3
Com 101	Fundamentals of Speech	3		Speech Elective ¹	3
	English Composition	3		Minor or Electives	2
	Minor or Electives	3		TOTAL	16

Second Year

Ph 200	Themes in Western Thought	3	Sc 200	Essential Science	3
NT 515	Biblical Themes	3	NT 516	Biblical Themes	3
OT 310	The Pentateuch	2	OT 320	The Historical Books	2
Pr 201	Music/Youth Ministries	1	Pr 202	Missions/Ministry of Prayer	1
	Fine Arts Appreciation Elective ²	2		English Literature or Writing Elec	3
	Foreign Language	3		Foreign Language	3
	Minor or Electives	2		Minor or Electives	1
	TOTAL	16		TOTAL	16

Second Summer

Pr 399	Church Internship Practicum ³	0
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Third Year

SSE 200	Foundations of Economics	3	NT 455	Old & New Testament Prophecy	2
NT 460	The Gospels	2	NT 475	Acts & the Pauline Letters	3
OT 410	The Poetic Books	2	Hm 302	Homiletics II	3
Hm 301	Homiletics I	3	Pr 302	Current Issues/Stewardship	1
Pr 301	Ministry & Biblical Theology of Min	1	Ps 341	Fundamentals of Counseling	3
CMn 350	History of Christianity	2		Foreign Language	3
	Foreign Language	3		Minor or Electives	1
	TOTAL	16		TOTAL	16

Fourth Year

Pr 401	Ministry & Marriage/Cults	1	Bi 499	Apologetics & Worldview	3
CMn 408	Methods of Church Planting	2	NT 471	The Biblical Minister	2
CMn 450	Church Ministry: Youth	2	NT 480	The General Epistles	2
CMn 452	Church Ministry: Discipleship	2	OT 420	The Prophets	3
CMn 454	Church Ministry: Administration	2	Pr 402	Public Ministry/Ministry Relations	1
CMn 456	Church Ministry: Missions	2		Minor or Electives	5
CMn 458	Church Ministry: Evangelism	2		TOTAL	16
	Minor or Electives	3			
	TOTAL	16			

¹ Three credits must be selected from the following: Com 201 Public Speaking, Com 205 Classroom Communication, Com 410 Oral Communications for the Professional, ThA 101 Solo Performances and ThA 306 Acting.

² Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

³ This requirement may be taken during the summer or during a semester of the third year.

• During the fourth year, students will register for courses on the block schedule which meets Monday-Friday, 1–2:20 p.m. throughout the entire semester. Church Ministry block is offered I Semester.

(Women)

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1		English Composition	3
CMn 208	Personal Evangelism	1		Science, Math, or Comp Sci	3
FA 125	Introduction to the Arts	1		Speech Elective ¹	3
Com 101	Fundamentals of Speech	3		Minor or Electives	3
	English Composition	3		TOTAL	16
	Minor or Electives	3			
	TOTAL	16			

Second Year

Ph 200	Themes in Western Thought	3	Sc 200	Essential Science	3
NT 515	Biblical Themes	3	NT 516	Biblical Themes	3
OT 310	The Pentateuch	2	OT 320	The Historical Books	2
	English Literature or Writing Elec.	3		Foreign Language	3
	Fine Arts Appreciation Elective ²	2		Minor or Electives	5
	Foreign Language	3		TOTAL	16
	TOTAL	16			

Third Year

SSE 200	Foundations of Economics	3	NT 455	Old & New Testament Prophecy	2
NT 460	The Gospels	2	OT 420	The Prophets	3
OT 410	The Poetic Books	2	Ps 341	Fundamentals of Counseling	3
Com 201	Public Speaking	3		Foreign Language	3
	Foreign Language	3		ThA or Com Studies Elective	3
	Minor or Electives	3		Minor or Electives	2
	TOTAL	16		TOTAL	16

Fourth Year

NT 475	Acts & the Pauline Letters	3	Bi 499	Apologetics & Worldview	3
CMn 350	History of Christianity	2	NT 480	The General Epistles	2
CMn 430	Christian Masterworks	2		Minor or Electives	11
	CMn or CCS Elective	2		TOTAL	16
	CMn or CCS Elective	2			
	CMn or CCS Elective	2			
	CMn or CCS Elective	2			
	Minor or Electives	1			
	TOTAL	16			

¹ Three credits must be selected from the following: Com 201 Public Speaking, Com 205 Classroom Communication, Com 410 Oral Communications for the Professional, ThA 101 Solo Performances and ThA 306 Acting.

² Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

• During the third or fourth year, students will register for courses on the block schedule which meets Monday-Friday, 1–2:20 p.m. throughout the entire semester. Church Ministry block is offered I Semester; Cross-Cultural Service block is offered II Semester, even-numbered calendar years.

Department of Ancient Languages

SAMUEL ELLSWORTH SCHNAITER, PhD, *Department Head*

The Department offers a minor in Greek. Courses are offered in this department for students who must complete the general degree requirement in foreign language.

The Greek courses numbered on the 100- and 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.

DIVISION OF PRACTICAL STUDIES

DOUGLAS VAUGHN SPRUNGER, DPasTh, *Chairman*

The Division of Practical Studies of the School of Religion includes the Departments of Church Ministries and Missions.

Purpose

The Division of Practical Studies 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.

Bachelor of Arts in Practical Christian Training–Associate Degree Option

The Bachelor of Art in Practical Christian Training degree is a specially designed terminal program that builds upon BJU's three-year associate degree with the bachelor degree Bible and liberal arts core courses. The degree consists of at least 130 credits and a 2.0 cumulative grade point average on all BJU coursework.

This degree is available to students who meet the qualifications for the Degree Completion Program.

Program Learning Outcomes

The student will ...

- Communicate biblical content.
- Explain major concepts of human experience.
- Apply biblical principles to life.

Department of Church Ministries

The Department offers majors in Christian Ministries. 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.

Associate of Science Degree, Christian Ministries Major

The associate of science degree in Christian Ministries provides preparation for service in various ministries of the local church. Students take coursework in Bible and in related practical subjects. The program requires 62 credits and supports the goals of the School of Religion.

Program Learning Outcomes

The student will ...

- Apply the major themes and content of the Bible.
- Apply skills required in various ministry settings.

(Men)

First Year

Uni 101	Freshman Seminar	1	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Pr 102	Discipleship/Preaching	1
Pr 101	Preparation for Service/Evangelism	1	Com 101	Fundamentals of Speech	3
FA 125	Introduction to the Arts	1		200-level Bible Elective ¹	1
	English	3		English	3
	Electives	9		Math or Science Elective	3
	TOTAL	16		Electives	4
				TOTAL	16

Second Year

Bi 230	Hermeneutics	2	SSE 200	Foundations of Economics	3
Bi 301	Christian Doctrines	3	Bi 302	Christian Doctrines	3
Pr 201	Music/Youth Ministries	1	Bi 310	Biblical Church Ministry	2
CMn 203	Youth Work	2	Pr 202	Missions/Ministry of Prayer	1
CMn 220	Methods of Mentoring	2	SM 307	Congregational Song Leading	1
CCS 210	Survey of Missions	2		300-level Bible Elective	2
	200-level Bible Elective ¹	1		Electives	4
	Speech Elective ²	3		TOTAL	16
	TOTAL	16			

¹ Two credits must be selected from the following: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Three credits must be selected from the following: Com 201 Public Speaking, Com 205 Classroom Communication, and ThA 200 Voice & Articulation.

(Women)

First Year

Uni 101	Freshman Seminar	1	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	CMn 208	Personal Evangelism	1
FA 125	Introduction to the Arts	1	Com 101	Fundamentals of Speech	3
	English	3		200-level Bible Elective ¹	1
	Electives	10		English	3
	TOTAL	16		Math or Science Elective	3
				Electives	4
				TOTAL	16

Second Year

Bi 230	Hermeneutics	2	SSE 200	Foundations of Economics	3
Bi 301	Christian Doctrines	3	Bi 302	Christian Doctrines	3
CMn 203	Youth Work	2	Bi 310	Biblical Church Ministry	2
CMn 220	Methods of Mentoring	2		300-level Bible Elective	2
CCS 210	Survey of Missions	2		Electives	6
	200-level Bible Elective ¹	1		TOTAL	16
	Speech Elective ²	3			
	Electives	1			
	TOTAL	16			

¹ Two credits must be selected from the following: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Three credits must be selected from the following: Com 201 Public Speaking, Com 205 Classroom Communication, and ThA 200 Voice & Articulation.

Bachelor of Science Degree, Christian Ministries Major

The Christian Ministries major provides preparation for active service in a wide array of Christian ministries and for a number of job or career opportunities. The major coursework focuses on Bible, church ministries and liberal arts courses, and provides a number of elective credits. The Christian Ministries major supports the goals of the School of Religion. The program is not open to freshmen. Admission to this major is by permission of the dean of the School of Religion.

Program Learning Outcomes

The student will ...

- Communicate and apply the major themes and content of the Bible.
- Prepare a teaching/preaching outline.
- Develop skills to disciple or evangelize others.

(Men)

First Year

Uni 101	Freshman Seminar.....	1	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Pr 102	Discipleship/Preaching.....	1
Pr 101	Preparation for Service/Evangelism.....	1		200-level Bible Elective ¹	1
FA 125	Introduction to the Arts.....	1		English Composition.....	3
Com 101	Fundamentals of Speech.....	3		Math or Science Elective.....	3
	English Composition.....	3		Speech Elective ²	3
	Minor or Electives.....	6		Minor or Electives.....	4
	TOTAL	16		TOTAL	16

Second Year

SSE 200	Foundations of Economics.....	3	Bi 310	Biblical Church Ministry	2
Bi 230	Hermeneutics	2	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	Pr 202	Missions/Ministry of Prayer.....	1
Pr 201	Music/Youth Ministries.....	1	SM 307	Congregational Song Leading.....	1
CMn 203	Youth Work	2		Upper-Level Bible Elective ³	2
CMn 220	Methods of Mentoring	2		Minor or Electives.....	7
CCS 210	Survey of Missions	2		TOTAL	16
	200-level Bible Elective ¹	1			
	TOTAL	16			

Third Year

Ph 200	Themes in Western Thought.....	3	Hi 102	History of Civilization since 1650.....	3
Hi 101	History of Civ c. 3500 BC to AD 1650.....	3	Bi 360	Studies in the Prophets	2
Bi 430	Foundations For Biblical Lifestyle	2	Hm 302	Homiletics II.....	3
Hm 301	Homiletics I.....	3	Pr 302	Current Issues/Stewardship.....	1
Pr 301	Ministry & Biblical Theology of Min.....	1		English Literature or Writing Elec.....	3
	Minor or Electives.....	4		Fine Arts Appreciation Elective ⁴	2
	TOTAL	16		Minor or Electives.....	2
				TOTAL	16

Fourth Year

Sc 200	Essential Science.....	3	Ph 402	Ethics.....	3
Bi 499	Apologetics & Worldview	3	Bi 370	Studies in the Pauline Letters	2
Pr 401	Ministry & Marriage/Cults.....	1	Bi 380	Studies in the General Epistles	2
CMn 350	History of Christianity.....	2	Pr 402	Public Ministry/Ministry Relations.....	1
	CMn or CCS Elective	2	CMn 430	Christian Masterworks	2
	CMn or CCS Elective	2	Ps 341	Fundamentals of Counseling.....	3
	Minor or Electives.....	3		Minor or Electives.....	3
	TOTAL	16		TOTAL	16

¹ Two credits must be selected from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Three credits must be selected from the following courses: Com 201 Public Speaking, Com 205 Classroom Communication, and ThA 200 Voice & Articulation.

³ Two credits must be taken with a Bi prefix on the 300-400 level.

⁴ Two credits must be selected from the following courses: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

• During the third or fourth year, students will register for courses on the block schedule which meets Monday-Friday, 1–2:20 p.m. during the semester. Church Ministry block is offered I Semester; Cross-Cultural Service block is offered II Semester, even-numbered calendar years.

(Women)

First Year

Uni 101	Freshman Seminar	1	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	CMn 208	Personal Evangelism	1
FA 125	Introduction to the Arts	1		200-level Bible Elective ¹	1
Com 101	Fundamentals of Speech	3		English Composition	3
	English Composition	3		Math or Science Elective	3
	Minor or Electives	7		Speech Elective ²	3
	TOTAL	16		Minor or Electives	4
				TOTAL	16

Second Year

SSE 200	Foundations of Economics	3	Bi 310	Biblical Church Ministry	2
Bi 230	Hermeneutics	2	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3		Upper-Level Bible Elective ³	2
CMn 203	Youth Work	2		Minor or Electives	9
CMn 220	Methods of Mentoring	2		TOTAL	16
CCS 210	Survey of Missions	2			
	200-level Bible Elective ¹	1			
	Minor or Electives	1			
	TOTAL	16			

Third Year

Ph 200	Themes in Western Thought	3	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 360	Studies in the Prophets	2
Bi 430	Foundations For Biblical Lifestyle	2		English Literature or Writing Elec	3
	Minor or Electives	8		Fine Arts Appreciation Elective ⁴	2
	TOTAL	16		Minor or Electives	6
				TOTAL	16

Fourth Year

Sc 200	Essential Science	3	Ph 402	Ethics	3
Bi 499	Apologetics & Worldview	3	Bi 370	Studies in the Pauline Letters	2
CMn 350	History of Christianity	2	Bi 380	Studies in the General Epistles	2
	CMn or CCS Elective	2	CMn 430	Christian Masterworks	2
	CMn or CCS Elective	2	Ps 341	Fundamentals of Counseling	3
	Minor or Electives	4		Minor or Electives	4
	TOTAL	16		TOTAL	16

¹ Two credits must be selected from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Three credits must be selected from the following courses: Com 201 Public Speaking, Com 205 Classroom Communication and ThA 200 Voice & Articulation.

³ Two credits must be taken with a Bi prefix on the 300–400 level.

⁴ Two credits must be selected from the following courses: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

• During the third or fourth year, students will register for courses on the block schedule which meets Monday-Friday, 1–2:20 p.m. during the semester. Church Ministry block is offered I Semester; Cross-Cultural Service block is offered II Semester, even-numbered calendar years.

Department of Missions

MARK CRAIG VOWELS, MA, *Department Head*

The Department offers a major in Cross-Cultural Service. Courses are also available as general electives.

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, CCS 350, CCS 402, CCS 406, CCS 408, CCS 410, Li 301 and Li 303.

Bachelor of Arts Degree, Cross-Cultural Service Major

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 it 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 (72–99 credits) directly develop knowledge and skills necessary for field service. The major 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.

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.

(Men)

First Year

Uni 101	Freshman Seminar	1	Ph 200	Themes in Western Thought	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Hi 102	History of Civilization since 1650	3
Bi 105	Old Testament Messages	1	Bi 109	New Testament Messages	1
Pr 101	Preparation for Service/Evangelism	1	Pr 102	Discipleship/Preaching	1
FA 125	Introduction to the Arts	1		English Composition	3
Com 101	Fundamentals of Speech	3		Speech Elective ¹	3
	English Composition	3		TOTAL	14
	Science, Math, or Comp Sci	3			
	TOTAL	16			

Second Year

SSE 200	Foundations of Economics	3	Sc 200	Essential Science	3
NT 515	Biblical Themes	3	NT 516	Biblical Themes	3
Pr 201	Music/Youth Ministries	1	Pr 202	Missions/Ministry of Prayer	1
CMn 220	Methods of Mentoring	2		English Literature or Writing Elec	3
CCS 210	Survey of Missions	2		Fine Arts Appreciation Elective ²	2
	Foreign Language	3		Foreign Language	3
	Old Testament Elective	2		TOTAL	15
	TOTAL	16			

Third Year

Ph 402	Ethics	3	NT 455	Old & New Testament Prophecy	2
NT 460	The Gospels	2	NT 475	Acts & the Pauline Letters	3
Hm 301	Homiletics I	3	Hm 302	Homiletics II	3
Pr 301	Ministry & Biblical Theology of Min	1	Pr 302	Current Issues/Stewardship	1
CCS 350	Preparing Cross-Cultural Ministry	2		Foreign Language	3
	Foreign Language	3		Minor or Electives	4
	Minor or Electives	2		TOTAL	16
	TOTAL	16			

Third Summer

CCS 399	Missions Internship	3
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Fourth Year

Li 301	Descriptive Linguistics	3	Li 303	Field Methods in Linguistics	3
SSS 504	Cultural Anthropology	3	NT 471	The Biblical Minister	2
Bi 499	Apologetics & Worldview	3	Pr 402	Public Ministry/Ministry Relations	1
NT 480	The General Epistles	2	CCS 402	Practice of Cross-Cultural Ministry	3
Pr 401	Ministry & Marriage/Cults	1	CCS 406	Cross-Cultural Discipleship	2
CMn 350	History of Christianity	2	CCS 408	Current Issues in Missions	1
	Minor or Electives	2	CCS 410	World Religions	2
	TOTAL	16		Religion Elective³	2
				TOTAL	16

¹ Three credits must be selected from the following: Com 201 Public Speaking, Com 205 Classroom Communication and ThA 200 Voice & Articulation.

² Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

³ Two credits must be taken with a Bi, CMn, NT or OT prefix.

• During the third or fourth year, students will register for courses on the block schedule which meets Monday–Friday, 1–2:20 p.m. throughout the entire semester. Cross–Cultural Service block is offered II Semester, even-numbered calendar years.

(Women)

First Year

Uni 101	Freshman Seminar	1	Ph 200	Themes in Western Thought	3
HI 101	History of Civ c. 3500 BC to AD 1650	3	HI 102	History of Civilization since 1650	3
Bi 105	Old Testament Messages	1	Bi 109	New Testament Messages	1
CMn 208	Personal Evangelism	1		English Composition	3
FA 125	Introduction to the Arts	1		Science, Math, or Comp Sci	3
Com 101	Fundamentals of Speech	3		Speech Elective ¹	3
	English Composition	3		TOTAL	16
	TOTAL	13			

Second Year

SSE 200	Foundations of Economics	3	Sc 200	Essential Science	3
Bi 230	Hermeneutics	2	Bi 220	The Life & Ministry of Christ	1
NT 515	Biblical Themes	3	Bi 310	Biblical Church Ministry	2
CMn 220	Methods of Mentoring	2	NT 516	Biblical Themes	3
CCS 210	Survey of Missions	2	Ps 341	Fundamentals of Counseling	3
	Foreign Language	3		English Literature or Writing Elec	3
	TOTAL	15		Foreign Language	3
				TOTAL	18

Third Year

Bi 330	The Biblical Role of Women	2	Bi 370	Studies in the Pauline Letters	2
CCS 350	Preparing Cross-Cultural Ministry	2	CMn 320	Women in Christian Service	2
Ps 461	Counseling Women	3		Foreign Language	3
	Fine Arts Appreciation Elective ²	2		Minor or Electives	9
	Foreign Language	3		TOTAL	16
	Minor or Electives	3			
	TOTAL	15			

Third Summer

CCS 399	Missions Internship	3
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Fourth Year

Li 301	Descriptive Linguistics	3	Li 303	Field Methods in Linguistics	3
SSS 504	Cultural Anthropology	3	CCS 402	Practice of Cross-Cultural Ministry	3
Bi 499	Apologetics & Worldview	3	CCS 404	Women in Missions	2
CMn 350	History of Christianity	2	CCS 406	Cross-Cultural Discipleship	2
	Religion Elective ³	2	CCS 408	Current Issues in Missions	1
	Minor or Electives	3	CCS 410	World Religions	2
	TOTAL	16		Minor or Electives	3
				TOTAL	16

¹ Three credits must be selected from the following: Com 201 Public Speaking, Com 205 Classroom Communication and ThA 200 Voice & Articulation.

² Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

³ Two credits must be taken with a Bi, CMn, NT or OT prefix.

• During the third or fourth year, students will register for courses on the block schedule which meets Monday–Friday, 1–2:20 p.m. throughout the entire semester. Cross–Cultural Service block is offered II Semester, even-numbered calendar years.



School of Fine Arts & Communication

Darren P. Lawson, PhD

Dean

GENERAL INFORMATION

Purpose

The School of Fine Arts and Communication exists to provide 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

Students will ...

- Refine their skills and aesthetic sensibilities through scripturally-based, quality training in art and design.
- Refine their skills and aesthetic sensibilities through scripturally-based, quality training in music.
- Refine their skills and aesthetic sensibilities through scripturally-based, quality training in communication.

Divisions and Departments

The School of Fine Arts and Communication is organized into four divisions:

I. Division of Art and Design

Department of Art

Department of Design

II. 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

III. Division of Communication

Department of Communication Studies

Department of Journalism and Mass Communication

Department of Cinema

Department of Theatre Arts

IV. Division of Graduate Studies

Department of Music

Department of Communication Studies

DEGREES OFFERED

Undergraduate Degrees

The *Bachelor of Arts* degree with majors in Communication, Journalism and Mass Communication and Theatre Arts.

The *Bachelor of Fine Arts* degree with majors in Graphic Design, Interior Design and Studio Art.

The *Bachelor of Music* degree with majors in Church Music, Keyboard Performance, Orchestral Instrument Performance, Piano Pedagogy and Voice Performance.

The *Bachelor of Science* degree with majors in Apparel, Textiles and Design, Cinema Production and Communication Disorders.

Graduate Degrees

The *Master of Arts* degree with majors in Communication Studies and Theatre Arts.

The *Master of Music* degree with majors in Church Music, Performance and Piano Pedagogy.

The *Master of Music Education* degree.

Gainful Employment

For graduation rates, the median debt of students who completed the program and other important information, visit go.bju.edu/rates.

DIVISION OF ART AND DESIGN

JAY MORGAN BOPP, MFA, *Chairman*

The Division offers majors in Apparel, Textiles and Design, Graphic Design, Interior Design and Studio Art and minors in Art and Photography. 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 majors at local businesses and are assigned by the directing teacher.

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.

Department of Art

KEVIN LEONARD ISGETT, MA, *Department Head*

The Department offers majors 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 design, and apparel and textile 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, Ar 122 or 125, Ar 130 or 225, Ar 220 or 231, Ar 201, Ar 202 and six credits of electives with an Ar prefix. Recommended electives: Ar 203, Ar 204, Ar 206, Ar 220, Ar 221, Ar 231, Ar 232, Ar 240, Ar 303, Ar 521 and Ar 522 and Ar 522.

Bachelor of Fine Arts Degree, Studio Art Major

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 56 credits.

Program Learning Outcomes

The student will ...

- Create original and successful works of art in a variety of media and techniques.
- 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.
- Organize and execute an exhibition of their own work and the work of others.
- Employ the language of visual art to communicate on a professional level.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Ar 207	Three-Dimensional Foundations	2
FA 125	Introduction to the Arts	1		English Composition	3
Ar 121	Drawing/Structural Representation I	2		Natural Science Elective	3
Ar 130	Foundations I	2		Studio Art Major Elective ¹	2
Com 101	Fundamentals of Speech	3		Electives	1
	English Composition	3		TOTAL	15
	TOTAL	16			

Second Year

SSE 200	Foundations of Economics	3	Ph 200	Themes in Western Thought	3
Bi 230	Hermeneutics	2	Sc 200	Essential Science	3
Ar 125	Human Anatomy	2	Ar 202	Foundations III	2
Ar 201	Foundations II	2	Ar 406	Printmaking: Intaglio & Relief	2
Ar 204	Basic Painting	2		200-level Bible Elective ²	1
	English Literature or Writing Elec.	3		Studio Art Major Elective ¹	2
	Electives	2		Electives	2
	TOTAL	16		TOTAL	15

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Ar 310	Hist of Art: Prehistoric-Middle Ages	3	Ar 311	History of Art: Renaissance-Contemp.	3
Com 410	Oral Communication for the Prof.	3	Ar 401	Directed Studies I	2
	Philosophy or Psychology	3		Business Elective - Studio Art Major ³	3
	Studio Art Major Elective¹	1		Studio Art Major Elective¹	2
	Studio Art Major Elective¹	2		Studio Art Major Elective¹	2
	Studio Art Major Elective¹	2		Studio Art Major Elective¹	2
	TOTAL	17		TOTAL	17

Fourth Year

Ar 402	Directed Studies II	2	Bi 499	Apologetics & Worldview	3
	Studio Art Major Elective¹	2	Ar 403	Directed Studies III	2
	Studio Art Major Elective¹	1	Ar 426	Studio Internship	3
	Studio Art Major Elective¹	2		Studio Art Major Elective¹	2
	Upper-Level Bible Elective ⁴	2		Electives	6
	Electives	7		TOTAL	16
	TOTAL	16			

¹ Twenty-two credits must be taken from the following: Ar 122, 220–221, 231–232, 301–302, 315–317, 331–332, 341, 405, 407, 420–421 and 431.

² One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Three credits must be taken from the following courses: BA 220 Home-Based Business Strategies and Mkt 205 Principles of Marketing.

⁴ Two credits must be taken with a Bi prefix on the 300–500 level.

- 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.
- Formal acceptance as a Studio Art major will be determined by a faculty committee's evaluation of the student's classroom portfolio near the end of his sophomore year.

Department of Design

JONATHAN BRITTON ANDREWS, MA, *Department Head*

The Department offers majors in Graphic Design, Interior Design and Apparel, Textiles and 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, Pho 200, Pho 310 and nine credits of electives with a Pho prefix.

Bachelor of Fine Arts Degree, Graphic Design Major

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 65 credits in the major: 17 credits of foundational courses, 40 credits of graphic design, and 8 credits of studio art.

Program Learning Outcomes

The student will ...

- Evaluate and analyze major achievements and individuals of graphic design history and the contemporary design community.
- Examine and utilize the theories of communication design.

- Create original, clear and cohesive solutions to design problems of varying complexity in a variety of media.
- Utilize design technology at or above industry-standard.
- Apply proficient typographic perception and skills in a variety of applications and situations.
- Design a professional portfolio that meets or exceeds industry standards.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	FA 125	Introduction to the Arts	1
Com 101	Fundamentals of Speech	3	Ar 122	Drawing/Structural Representation II	2
Ar 121	Drawing/Structural Representation I	2	GrD 141	Design Technology II	3
Ar 130	Foundations I	2	GrD 160	Typography I	2
GrD 140	Design Technology I	2		English Composition	3
	English Composition	3		TOTAL	15
	TOTAL	17			

Second Year

SSE 200	Foundations of Economics	3	Ph 200	Themes in Western Thought	3
Bi 230	Hermeneutics	2	Sc 200	Essential Science	3
Ar 201	Foundations II	2	Ar 202	Foundations III	2
Ar 310	Hist of Art: Prehistoric-Middle Ages	3	Ar 311	History of Art: Renaissance-Contemp	3
GrD 224	Graphic Design Production	2	Pho 100	Photography Fundamentals	3
	English Literature or Writing Elec	3		200-level Bible Elective ¹	1
	TOTAL	15		Electives	1
				TOTAL	16

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
GrD 321	Graphic Design I	2	GrD 308	Hand Lettering	2
GrD 323	Typography II	2	GrD 322	Graphic Design II	2
GrD 325	Web Design I	3	GrD 326	Web Design II	2
GrD 360	History of Graphic Design	3	Pho 200	Digital Photography	3
Mkt 205	Principles of Marketing	3	Com 410	Oral Communication for the Prof.	3
	TOTAL	16		Electives	1
				TOTAL	16

Fourth Year

Ar 320	Book Arts	2	Bi 499	Apologetics & Worldview	3
Ar 331	Illustration I	2	GrD 410	Portfolio	2
Ar 405	Printmaking:Lithography & Serigraphy	2	GrD 415	Graphic Design Internship	6
	Studio Art Elective ²	2		Philosophy or Psychology	3
	Business Elec - Graphic Design Major ³	3		Studio Art Elective ²	2
	Upper-Level Bible Elective ⁴	2		Electives	1
	Science, Math, or Comp Sci	3		TOTAL	17
	TOTAL	16			

¹ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Four credits must be taken from studio art courses with an Ar prefix.

³ Three credits must be taken from the following courses: BA 220 Home-Based Business Strategies, BA 406 Entrepreneurship, Mkt 411 Marketing Strategy and Mkt 412 Salesmanship.

⁴ Two credits must be taken with a Bi prefix on the 300–500 level.

• 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.

• Formal acceptance as a Graphic Design major will be determined by a faculty committee's evaluation of the student's classroom portfolio near the end of his sophomore year.

Bachelor of Fine Arts Degree, Interior Design Major

The Interior Design program provides a combination of 60 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 45 credits of interior 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 ...

- Employ the design process to generate creative design solutions that support human behavior in the interior environment.
- Effectively communicate through a variety of techniques and technologies.
- Analyze and apply elements and principles of design.
- Specify furniture, fixtures, equipment and finish materials for interiors.
- Apply knowledge of interior construction, building materials and codes that affect interior spaces.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Ar 130	Foundations I	2
FA 125	Introduction to the Arts	1	GrD 140	Design Technology I	2
Ar 121	Drawing/Structural Representation I	2	ID 120	Graphics for Interior Design I	3
ID 108	Introduction to Interior Design	3	ID 120	Fundamentals of Speech	3
ID 110	Basic Residential Drafting	3	Com 101	English Composition	3
	English Composition	3		TOTAL	17
	TOTAL	17			

Second Year

Ph 200	Themes in Western Thought	3	Ar 202	Foundations III	2
Sc 200	Essential Science	3	GrD 141	Design Technology II	3
Bi 230	Hermeneutics	2	ID 201	Sewing for Interior Design	3
Ar 201	Foundations II	2	ID 210	Residential Interior Design	3
ID 240	Graphics for Interior Design II	3	BA 220	Home-Based Business Strategies	3
	English Literature or Writing Elec	3		200-level Bible Elective ¹	1
	TOTAL	16		Electives	1
				TOTAL	16

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
ID 320	Commercial Interior Design I	3	ID 290	History of Interior Design	3
ID 360	Building Systems & Codes	3	ID 330	Commercial Interior Design II	3
Com 410	Oral Communication for the Prof.	3	ID 370	Materials/Components Interior Design	3
	Electives	3		ID, Ar, or GrD Elective	2
	TOTAL	15		Electives	1
				TOTAL	15

Fourth Year

Bi 499	Apologetics & Worldview	3	SSE 200	Foundations of Economics	3
ID 400	Interior Design Prof Practice	3	ID 430	Sustainable Design	3
ID 410	Interior Lighting for the Designer	3		Philosophy or Psychology	3
ID 420	Interior Design Internship ²	3		Science, Math, or Comp Sci	3
	Electives	4		Upper-Level Bible Elective ³	2
	TOTAL	16		Electives	2
				TOTAL	16

¹ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Students may substitute this requirement with an ID, ATD, Ar or GrD elective.

³ Two credits must be taken with a Bi prefix on the 300–500 level.

• Suggested Interior Design elective: ID 302 Interior Design Workbench.

• 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.

Bachelor of Science Degree, Apparel, Textiles and Design Major

The Bachelor of Science degree in Apparel, Textile & Design (ATD) 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 ATD Exhibit showcases student projects combining principles of art, design and construction. The Apparel, Textile & Design major supports the University's goal of Christlike character. This major requires 36 ATD credits.

Program Learning Outcomes

The student will ...

- Professionally construct and alter garments following biblical guidelines of modesty.
- Design original patterns for garment construction.
- Select appropriate textiles for garment and household use based on fiber content and fabric construction.
- Apply with a biblical worldview retail and merchandising principles to the business of fashion.
- Compile a professional portfolio of Apparel, Textiles and Design artwork.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Ar 130	Foundations I	2
FA 125	Introduction to the Arts	1	ATD 220	Business of Fashion	3
Ar 121	Drawing/Structural Representation I	2	Com 101	Fundamentals of Speech	3
ATD 130	Apparel Construction I	3		English Composition	3
	English Composition	3		Minor or Electives	1
	Minor or Electives	2		TOTAL	16
	TOTAL	16			

Second Year

Sc 200	Essential Science	3	Bi 230	Hermeneutics	2
Ar 201	Foundations II	2	Ar 202	Foundations III	2
ATD 131	Apparel Construction II	3	Ar 232	Fiber Arts	2
ATD 240	History of Apparel	3	ATD 235	Apparel Design I	3
	200-level Bible Elective ¹	1	ATD 340	Textiles for the Consumer	3
	English Literature or Writing Elec.	3		Minor or Electives	4
	Minor or Electives	1		TOTAL	16
	TOTAL	16			

Third Year

Ph 200	Themes in Western Thought	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	Ar 440	3D Studio Instruction	2
Ar 333	Fashion Illustration	2	ATD 330	Apparel Construction III	3
ATD 260	Retail Merchandising	3	ATD 435	Apparel Design III	3
ATD 335	Apparel Design II	3		Science, Math, or Comp Sci	3
	Minor or Electives	2		Minor or Electives	2
	TOTAL	16		TOTAL	16

Fourth Year

SSE 200	Foundations of Economics	3	Com 410	Oral Communication for the Prof.	3
Bi 499	Apologetics & Worldview	3		Philosophy or Psychology	3
ATD 345	Computer Patternmaking	3		Upper-Level Bible Elective ²	2
ATD 430	ATD Internship	3		Minor or Electives	8
	Minor or Electives	4		TOTAL	16
	TOTAL	16			

¹ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Two credits must be taken with a Bi prefix on the 300–500 level.

• Formal acceptance as an Apparel, Textiles and Design major will be determined by a faculty committee's evaluation of the student's classroom portfolio near the end of his sophomore year.

DIVISION OF MUSIC

PAUL EDWARD DUNBAR, DMA, *Chairman*

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, and Instrumental Studies.

The Division offers a minor in Music. Applied music lessons in the various departments are offered at no additional cost above regular tuition to students who desire to improve their musical skills in various areas. Courses are also available as general electives.

Vocal or Instrumental Performance Requirements

A student who takes Vocal or Instrumental Performance instruction must be enrolled in or pass MT 105 Theory I, must pass a proficiency examination demonstrating a basic knowledge of music fundamentals, or must elect MT 098 Fundamentals of Music for one semester. No student may take work in more than two performance fields at the same time without the permission of the dean of the School of Fine Arts and Communication, except in the case of Church Music majors with an applied principal in piano, who will be allowed to take another performance lesson in addition to piano and hymn improvisation without special permission.

All entering music majors must take the Rudiments of Music Test. Those who do not pass the test must register for MT 099 Rudiments of Music in addition to MT 105 Theory I. This class meets for six weeks and provides an intensive review of the fundamentals of music theory.

Music majors must hold membership in a large music ensemble each semester. In addition, students may be required to hold membership in a small ensemble as determined by their departments. Piano and organ majors and principals may be required to accompany vocal or instrumental lessons/classes on a weekly basis.

Any student planning to major in a department of the Division of Music must, upon entrance, demonstrate distinct ability in that performance field.

Purpose

For the glory of God, the Division of Music at Bob Jones University exists to support the growth of a Christian student in the image of God and to equip him to use music for the service of God.

Goals

The students 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 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. A generous choice of electives allows focus on special areas of interest.

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 private-lesson level (Vo 311, Pi 311); in organ and instruments the performance audition will determine eligibility. Music minors must hold membership in a university choral or instrumental group (that reflects the minor instrument) for four semesters.

All entering music minors must take the Rudiments of Music Test. Those who do not pass the test must register for MT 099 Rudiments of Music in addition to MT 105 Theory I. This class meets for six weeks and provides an intensive review of the fundamentals of music theory.

A minor in Music consists of Mu 101, MT 105, MT 106, MT 301, four credits of private instruction in one principal performance area (311 or above, excluding hymn improvisation) and three credits of electives in music or music education (not performance). Recommended electives: Mu 303, Mu 304, Mu 305, MT 205, MT 206, MT 302, MT 501, MT 502, SM 100, SM 301, SM 302, SM 503, Vo 503 and Vo 504.

Department of Music History and Literature

KAREN SUE WILSON, PhD, *Department Head*

Neither a major nor a minor is offered in Music History and Literature. Courses are offered in this department for students who must complete the requirements for a Bachelor of Music degree or a Bachelor of Science degree in Music Education. Courses are also available as general electives.

Department of Music Theory and Technology

SETH ANDREW CUSTER, PhD, *Department Head*

Neither a major nor a minor is offered in Music Theory or Music Technology. Courses are offered in this department for students who must complete the requirements for a Bachelor of Music degree or a Bachelor of Science degree in Music Education. Courses are also available as general electives.

Department of Church Music

FRED ROWEL COLEMAN, MA, *Department Head*

The Department offers a major in Church Music. Applied music lessons in this department are offered at no additional cost above regular tuition to students who desire to improve their musical skills. Courses are also available as general electives.

Practicums are required at local churches and are assigned by the department head.

Bachelor of Music Degree, Church Music Major

The Church Music major provides preparation for using music in the overall ministry of a local church (e.g. congregational singing, adult choir and vocal ensembles, youth-children's choir, instrumental music, music in evangelism). It establishes a strong foundation in music with a core curriculum of music theory, music history and literature, and performance (including platforms and recitals of standard literature). To this foundation it adds a core curriculum of church music courses leading to a culminating practicum in a local church. This program consists of a minimum of 59 credits in the major and supports the University's mission of building Christlike character in the student.

Orchestral Instrument principals include: bassoon, cello, clarinet, double bass, euphonium, flute, guitar, harp, horn, oboe, percussion, saxophone, trombone, trumpet, tuba, viola or violin.

Program Learning Outcomes

The student will ...

- Survey the historical development of congregational song in gathered Christian worship.
- Administrate various musical aspects of Christian worship (e.g., congregational singing, vocal ensembles, instrumental music, music library).
- Perform with satisfactory technique and artistry as a voice, keyboard (piano or organ), guitar or orchestral principal.

First Year

Uni 101	Freshman Seminar	1	SSE 200	Foundations of Economics	3
Bi 105	Old Testament Messages	1	Bi 109	New Testament Messages	1
FA 125	Introduction to the Arts	1	MT 106	Theory II	4
Mu 101	Introduction to Music Literature	2	SM 100	Church Music Administration I	2
MT 105	Theory I	4		English Composition	3
Com 101	Fundamentals of Speech	3		Applied Secondary I	1
	English Composition	3		Freshman Principal	1
	Applied Secondary I	1		Electives	1
	Freshman Principal	1		TOTAL	16
	TOTAL	17			

Second Year

Sc 200	Essential Science	3	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 230	Hermeneutics	2
MTc 201	Introduction to Music Technology	1	MT 206	Theory IV	4
MT 205	Theory III	4	SM 302	Church Music Administration III	2
SM 301	Church Music Administration II	2		English Literature or Writing Elec	3
	200-level Bible Elective ²	1		Applied Secondary I	1
	Applied Secondary I	1		Sophomore Principal	1
	Sophomore Principal	1		TOTAL	16
	TOTAL	16			

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Mu 303	History of Music I	2	Mu 304	History of Music II	2
MT 301	Elements of Conducting	1	MT 501	Eighteenth Century Counterpoint	2
MT 502	Choral Composition	2	SM 307	Congregational Song Leading ³	1
SM 503	Hymnology	3		Foreign Language ⁴	3
	Foreign Language ⁴	3		Applied Secondary I	1
	Applied Secondary I	1		Junior Principal	1
	Junior Principal	1		TOTAL	15
	TOTAL	16			

Fourth Year

Ph 200	Themes in Western Thought	3	Mu 507	The Christian Musician	1
Bi 499	Apologetics & Worldview	3	MT 302	Choral Conducting	2
Mu 305	History of Music III	3	SM 492	Church Music Practicum	0
SM 491	Church Music Practicum	0		Church Ministries	2
Com 410	Oral Communication for the Prof.	3		Philosophy or Psychology	3
	Music Elective	1		Preacher & His Ministry ⁵	1
	Preacher & His Ministry ⁵	1		Science, Math, or Comp Sci	3
	Senior Principal	1		Upper-Level Bible Elective ⁶	2
	Electives	2		Senior Principal	1
	TOTAL	17		TOTAL	15

¹ Voice principals must elect piano until the secondary piano examination is passed. Students who pass the exam prior to the sixth semester may continue with piano or take Hymn Improvisation to fulfill these hours.

Orchestral Instrument principals must elect piano until the secondary piano exam is passed. Students who pass the exam prior to the fourth semester may continue with piano or take Hymn Improvisation. Two hours of voice are also required.

Piano principals must take two hours of Hymn Improvisation, two hours of organ and two hours of voice.

Organ principals must take two hours of piano, two hours of Hymn Improvisation and two hours of voice.

² One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Women must replace this with a 1 credit music elective.

⁴ Six credits must be taken in a foreign language.

⁵ Women must replace with two credits of courses with CMn prefix.

⁶ Two credits must be taken with a Bi prefix on the 300–500 level.

• A student is not considered approved for a Church Music major until the end of his/her sophomore year in which he/she must pass a platform test in his/her applied principal.

• Electives: Organ principals must take Or 501 Service Playing and Or 400 Organ Pedagogy. For those considering seminary, an additional semester of Greek is recommended.

Department of Vocal Studies

JEAN REESE GREER, MMus, *Department Head*

The Department offers a major in Voice Performance. The voice courses are flexible and will be adapted to the student's individual capacities and needs along the broad outlines of the work indicated. Applied music lessons in this department are offered at no additional cost above regular tuition to students who desire to improve their musical skills. Courses are also available as general electives.

Bachelor of Music Degree, Voice Performance Major

The Voice Performance major will prepare students for a career as 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 every semester. This program prescribes 66 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.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization since 1650	3
Bi 105	Old Testament Messages	1	Bi 109	New Testament Messages	1
FA 125	Introduction to the Arts	1	Mu 101	Introduction to Music Literature	2
MT 105	Theory I	4	MT 106	Theory II	4
Com 101	Fundamentals of Speech	3		Applied Secondary - Piano	1
	Applied Secondary - Piano	1		English Composition	3
	English Composition	3		Freshman Voice	2
	Freshman Voice	1		TOTAL	16
	TOTAL	15			

Second Year

Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 230	Hermeneutics	2
SSE 200	Foundations of Economics	3	MTC 201	Introduction to Music Technology	1
MT 205	Theory III	4	MT 206	Theory IV	4
	200-level Bible Elective ¹	1	MT 301	Elements of Conducting	1
	Applied Secondary - Piano	1		Applied Secondary - Piano	1
	German ²	3		English Literature or Writing Elec	3
	Sophomore Voice	2		French ²	3
	TOTAL	17		Sophomore Voice	2
				TOTAL	17

Third Year

Bi 401	Bible Doctrines	3	Ph 200	Themes in Western Thought	3
Mu 303	History of Music I	2	Sc 200	Essential Science	3
MT 501	Eighteenth Century Counterpoint	2	Bi 402	Bible Doctrines	3
Vo 503	Drama in Singing I	2	Mu 304	History of Music II	2
	Junior Voice	2	Vo 506	Diction for Singers	3
	Music Elective	1		Junior Voice	2
	Science, Math, or Comp Sci	3		TOTAL	16
	TOTAL	15			

Fourth Year

Bi 499	Apologetics & Worldview	3	Mu 507	The Christian Musician	1
Mu 305	History of Music III	3	MT 409	Form & Analysis	2
Mu 404	Voice Literature Survey	3	Vo 401	Voice Pedagogy II	2
Vo 400	Voice Pedagogy I	2		Philosophy or Psychology	3
Com 410	Oral Communication for the Prof.	3		Senior Voice	3
	Senior Voice	3		Upper-Level Bible Elective ³	2
	TOTAL	17		Electives	2
				TOTAL	15

¹ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul. ² One semester of each French and German must be taken. For those considering graduate work, an additional semester of foreign language is recommended.

³ Two credits must be taken with a Bi prefix on the 300–500 level.

- Voice Performance majors must participate in a university choral group or opera every semester.
- 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.
- A student is not considered approved for a Voice Performance major until he/she passes a platform test at the end of his/her sophomore year.
- Voice Performance majors must elect piano until the secondary piano examination is passed. Students who pass the secondary piano examination prior to the fourth semester must replace these credits with music electives.

Department of Keyboard Studies

DAVID CURTIS LEHMAN, MM, *Department Head*

The Department offers majors in Keyboard Performance and Piano Pedagogy. The courses are flexible and will be adapted to the student's individual capacities and needs along the broad outlines of the work indicated. Applied music lessons in this department are offered at no additional cost above regular tuition to students who desire to improve their musical skills. Courses are also available as general electives.

Bachelor of Music Degree, Keyboard Performance Major

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 63 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.

First Year

Uni 101	Freshman Seminar	1	SSE 200	Foundations of Economics	3
Bi 105	Old Testament Messages	1	Bi 109	New Testament Messages	1
FA 125	Introduction to the Arts	1	Mu 101	Introduction to Music Literature	2
MT 105	Theory I	4	MT 106	Theory II	4
Com 101	Fundamentals of Speech	3		English Composition	3
	English Composition	3		Keyboard Maj - Freshman Instrument	2
	Keyboard Maj - Freshman Instrument ¹	2		Music Elective ²	1
	TOTAL	15		TOTAL	16

Second Year

Ph 200	Themes in Western Thought	3	Sc 200	Essential Science	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Hi 102	History of Civilization since 1650	3
MT 205	Theory III	4	Bi 230	Hermeneutics	2
	200-level Bible Elective ³	1	MTc 201	Introduction to Music Technology	1
	English Literature or Writing Elec	3	MT 206	Theory IV	4
	Keyboard Maj - Sophomore Instrument	3	MT 301	Elements of Conducting	1
	TOTAL	17		Keyboard Maj - Sophomore Instrument	3
				TOTAL	17

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Mu 303	History of Music I	2	Mu 304	History of Music II	2
Com 410	Oral Communication for the Prof.	3	MT 409	Form & Analysis	2
	Foreign Language	3		Foreign Language	3
	Keyboard Maj - Junior Instrument	3		Keyboard Maj - Junior Instrument	3
	Pedagogy Elec #1 (Keyboard Major) ⁴	3		Pedagogy Elec #2 (Keyboard Major) ⁵	2
	TOTAL	17		TOTAL	15

Fourth Year

Bi 499	Apologetics & Worldview	3	Mu 507	The Christian Musician	1
Mu 305	History of Music III	3	MT 501	Eighteenth Century Counterpoint	2
	Keyboard Maj - Senior Instrument	3		Keyboard Maj - Senior Instrument	3
	Piano or Organ Literature Survey ⁶	3		Philosophy or Psychology	3
	Science, Math, or Comp Sci	3		Upper-Level Bible Elective ⁷	2
	Electives	1		Electives	4
	TOTAL	16		TOTAL	15

¹ Organ track must take 1 credit organ and one credit Secondary Piano.

² Organ track must take Secondary Piano until Technique Test is passed.

³ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Piano track must take PPD 501 Piano Pedagogy for the Private Instructor; Organ track must take Or 501 Service Playing plus one credit music elective.

⁵ Piano track must take PPD 403 Piano Pedagogy for the Group Instructor; Organ track must take Or 400 Organ Pedagogy.

⁶ Three credits must be selected from the following courses: Mu 405 Piano Literature Survey and Mu 406 Organ Literature Survey.

⁷ Two credits must be taken with a Bi prefix on the 300–500 level.

Bachelor of Music Degree, Piano Pedagogy Major

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 59 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.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Mu 101	Introduction to Music Literature	2
FA 125	Introduction to the Arts	1	MT 106	Theory II	4
MT 105	Theory I	4		English Composition	3
Com 101	Fundamentals of Speech	3		Freshman Piano	1
	English Composition	3		TOTAL	14
	Freshman Piano	1			
	TOTAL	17			

Second Year

SSE 200	Foundations of Economics	3	Bi 230	Hermeneutics	2
MTc 201	Introduction to Music Technology	1	MT 206	Theory IV	4
MT 205	Theory III	4	PPd 202	Graded Piano Literature II	4
PPd 201	Graded Piano Literature I	2		English Literature or Writing Elec	3
Ps 201	Educational Psychology	3		Science, Math, or Comp Sci	3
	200-level Bible Elective ¹	1		Sophomore Piano	1
	Sophomore Piano	1		Electives	1
	Electives	1		TOTAL	16
	TOTAL	16			

Third Year

Ph 200	Themes in Western Thought	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	Mu 304	History of Music II	2
Mu 303	History of Music I	2	MT 301	Elements of Conducting	1
MT 501	Eighteenth Century Counterpoint	2	MT 409	Form & Analysis	2
PPd 301	Piano Intern Instruction I	1	PPd 302	Piano Intern Instruction II	1
PPd 501	Piano Pedagogy: Private Instructor	3	PPd 403	Piano Pedagogy: Group Instructor	2
	Foreign Language	3		Foreign Language	3
	Junior Piano	1		Junior Piano	1
	Electives	1		Electives	1
	TOTAL	18		TOTAL	16

Fourth Year

Bi 499	Apologetics & Worldview	3	Sc 200	Essential Science	3
Mu 305	History of Music III	3	Mu 507	The Christian Musician	1
Mu 405	Piano Literature Survey	3	PPd 402	Piano Intern Instruction IV	2
PPd 401	Piano Intern Instruction III	2		Music Elective	1
Com 410	Oral Communication for the Prof.	3		Senior Piano	1
	Senior Piano	1		Upper-Level Bible Elective ²	2
	Electives	1		Electives	5
	TOTAL	16		TOTAL	15

¹ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Two credits must be taken with a Bi prefix on the 300–500 level.

• A student is not considered approved for a Piano Pedagogy major until he/she passes a platform test at the end of his/her sophomore year.

Department of Instrumental Studies

BRUCE BRADFORD COX, DMA, *Department Head*

The Department offers a major in Orchestral Instrument Performance. The courses are flexible and will be adapted to the student's individual capacities and needs along the broad outlines of the work indicated. Applied music lessons in this department are offered at no additional cost above regular tuition to students who desire to improve their musical skills. Courses are also available as general electives.

Bachelor of Music Degree, Orchestral Instrument Performance Major

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 65 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.

First Year

Uni 101	Freshman Seminar	1
Bi 105	Old Testament Messages	1
FA 125	Introduction to the Arts	1
MT 105	Theory I	4
Com 101	Fundamentals of Speech	3
	Applied Secondary - Piano	1
	English Composition	3
	Freshman Instrument	1
	TOTAL	15

SSE 200	Foundations of Economics	3
Bi 109	New Testament Messages	1
Mu 101	Introduction to Music Literature	2
MT 106	Theory II	4
	Applied Secondary - Piano	1
	English Composition	3
	Freshman Instrument	2
	TOTAL	16

Second Year

Sc 200	Essential Science	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3
MT 205	Theory III	4
	200-level Bible Elective ¹	1
	Applied Secondary - Piano	1
	English Literature or Writing Elec	3
	Sophomore Instrument	2
	TOTAL	17

Hi 102	History of Civilization since 1650	3
Bi 230	Hermeneutics	2
MTc 201	Introduction to Music Technology	1
MT 206	Theory IV	4
MT 301	Elements of Conducting	1
	Applied Secondary - Piano	1
	Science, Math, or Comp Sci	3
	Sophomore Instrument	2
	TOTAL	17

Third Year

Bi 401	Bible Doctrines	3
Mu 303	History of Music I	2
Com 410	Oral Communication for the Prof.	3
	Foreign Language	3
	Instrument Pedagogy ²	2
	Junior Instrument	3
	Music Private Instruction ³	1
	TOTAL	17

Bi 402	Bible Doctrines	3
Mu 304	History of Music II	2
	Foreign Language	3
	Instrument Pedagogy ²	2
	Junior Instrument	2
	Music Elective	1
	Music Private Instruction ³	1
	TOTAL	15

Fourth Year

Ph 200	Themes in Western Thought	3
Bi 499	Apologetics & Worldview	3
Mu 305	History of Music III	3
MT 501	Eighteenth Century Counterpoint	2
	Performance Literature Survey	3
	Senior Instrument	3
	TOTAL	17

Mu 507	The Christian Musician	1
MT 409	Form & Analysis	2
	Philosophy or Psychology	3
	Senior Instrument	3
	Upper-Level Bible Elective ⁴	2
	Electives	3
	TOTAL	14

¹ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² String performance majors must take SPd 403-404. Woodwind performance majors must take WW 401-402. Brass Instrument and Harp majors will substitute music electives the second semester of Instrument Pedagogy.

³ Two credits must be private instrumental lessons in the orchestral instrument family of the student's instrument of performance. Harp majors must replace credits with music elective.

⁴ Two credits must be taken with a Bi prefix on the 300–500 level.

- String Instrument majors must take Orchestral Repertoire for two semesters (Vi 301 & 302).
- Orchestral Instrument Performance majors must elect piano until the secondary piano examination is passed. Students who pass the secondary piano examination prior to the fourth 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.
- A student is not considered approved for an Orchestral Instrument Performance major until he/she passes a platform test at the end of his/her sophomore year.

DIVISION OF COMMUNICATION

RYAN PATRICK MEERS, PhD, *Chairman*

The Division of Communication of the School of Fine Arts and Communication includes the Departments of Cinema, Communication Studies, Theatre Arts, 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 & Communication, the Division of Communication trains students at a professional level for careers in the communication fields including Theatre Arts, Cinema, Journalism and Mass Communication, Communication Disorders 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 Christian worldview.
- Display competence in oral, written or visual communication skills.
- Analyze and solve problems within the respective disciplines of his/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.

Speech Clinic

The Division of Communication operates a clinic for students who have special difficulty in speech that cannot be corrected by means of ordinary classroom procedure. Diagnosis of the problems is made, and remedial work is carried on with the individual students in private consultation and in small training groups. These training groups are listed in CD 103–104, which may give one credit per semester or may be taken without credit.

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 300, Ed 301, Ps 201, Ps 302, Com 205, Com 322 and Com 407. This teaching emphasis does not lead to teaching certification or licensure, but does prepare the student to teach speech-related subjects in the Christian school or other pedagogical venues.

Department of Communication Studies

CHARLOTTE GIBBS BURKE, PhD, *Department Head*

The Department offers majors in Communication and Communication Disorders and minors in Communication and Communication Disorders. Courses are available as general electives.

Internships are available to qualified majors.

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 101, Com 202 and 12 credits of Com electives. Recommended electives: Com 201, Com 302 and Com 303. Communication minors are not eligible for Com 401.

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, CD, 207, CD 208, CD 302, CD 303 and CD 401.

Bachelor of Arts Degree, Communication Major

The Communication major trains students at a professional level by focusing on general communication processes and dynamics. It requires courses in communication principles, theories and research methodologies. A senior internship or project is required for all majors. The Communication major prepares the student to pursue graduate work in communication or related fields, or for a career in a profit or non-profit organization. This program requires 36 credits in the major.

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.

First Year

Uni 101	Freshman Seminar.....	1	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Com 202	Principles of Communication	3
FA 125	Introduction to the Arts	1		English Composition	3
Com 101	Fundamentals of Speech.....	3		Science, Math, or Comp Sci	3
	English Composition.....	3		Minor or Electives	3
	Minor or Electives	4		TOTAL	16

Second Year

SSE 200	Foundations of Economics.....	3	Ph 200	Themes in Western Thought	3
Bi 230	Hermeneutics	2	Sc 200	Essential Science	3
Com 302	Interpersonal Communication	3	Com 201	Public Speaking	3
Com 303	Organizational Communication	3		200-level Bible Elective ¹	1
	English Literature or Writing Elec	3		Foreign Language	3
	Foreign Language.....	3		Minor or Electives	2
	TOTAL	17		TOTAL	15

Third Year

Bi 401	Bible Doctrines.....	3	Bi 402	Bible Doctrines.....	3
Com 405	Persuasion	3	Com 304	Theories & Research in Communication	3
	Business/Critical/Expository Writing ²	3		Communication Major Elective ³	3
	Communication Major Elective ³	3		Fine Arts Appreciation Elective ⁴	2
	Foreign Language.....	3		Foreign Language	3
	Minor or Electives	1		Minor or Electives	2
	TOTAL	16		TOTAL	16

Fourth Year

Com 505	Communication Training & Development	3	Bi 499	Apologetics & Worldview	3
	Communication Major Elective ³	3	Com 401	Communication Capstone	3
	Philosophy or Psychology	3		Communication Major Elective ³	3
	Upper-Level Bible Elective ³	2		Communication Major Elective ³	3
	Minor or Electives	5		Minor or Electives	4
	TOTAL	16		TOTAL	16

- ¹ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.
 - ² Three credits must be taken from the following: PW 211 Expository Writing, PW 322 Critical Writing and PW 324 Business Writing.
 - ³ Fifteen credits must be taken from the following: Com 407 Argumentation & Debate, Com 423 Special Topics in Communication, Com 507 Conflict Management, Com 520 Intercultural Communication, Com 521 Nonverbal Communication, Com 524 Special Topics in Communication, Com 525 Special Topics in Communication and Com 526 Special Topics in Communication.
 - ⁴ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.
 - ⁵ Two credits must be taken with a Bi prefix on the 300–500 level.
- A student is not considered approved for a Communication major until a faculty committee has reviewed his progress in that major at the end of the sophomore year.
 - Recommended minors: Business, Journalism and Mass Communication, Political Science and Professional Writing.

Bachelor of Science Degree, Communication Disorders Major

The Communication Disorders Major provides an education that meets pre-professional entrance criteria for graduate work in communication disorders and audiology. The program is a composite major requiring 55 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.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization since 1650	3
Sc 103	Biological Science	4	Bi 109	New Testament Messages	1
Hi 101	History of Civ c. 3500 BC to AD 1650	3	CD 206	Intro to Communicative Disorders	3
Bi 105	Old Testament Messages	1	Com 202	Principles of Communication	3
FA 125	Introduction to the Arts	1		English Composition	3
Com 101	Fundamentals of Speech	3		Mathematics	3
	English Composition	3		TOTAL	16
	TOTAL	16			

Second Year

Ph 200	Themes in Western Thought	3	SSE 200	Foundations of Economics	3
Ma 210	Elementary Statics	3	CD 208	Clinical Application of Phonetics	3
Bi 230	Hermeneutics	2	CD 308	Diagnostic methods in Speech	3
CD 207	Anatomy of Speech/Hearing Mechanism	3		Physics, Chemistry or Physical Science	4
CD 302	Normal Language Development	3		200-level Bible Elective ¹	1
	English Literature or Writing Elec	3		TOTAL	14
	TOTAL	17			

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
CD 303	Articulation & Phonology	3	CD 400	Sem in Speech-Lang Pathology	1
CD 304	Introduction to Audiology	3	CD 402	Acquired Language Disorders	3
CD 306	Beginning Sign Language	3	CD 403	Disorders of Voice	3
CD 401	Language Disorders in Children	3	Com 410	Oral Communication for the Prof.	3
CD 404	Disorders of Fluency	3	Ps 305	Introduction to Exceptional Learners	3
	TOTAL	18		TOTAL	16

Fourth Year

CD 407	Therapeutic Meth & Clinical Tech	3	Bi 499	Apologetics & Worldview	3
CD 499	Clinical Practicum	9	CD 405	Selected Topics in Speech Pathology	3
	Upper-Level Bible Elective ²	2		Business/Critical/Expository Writing ³	3
	TOTAL	14		Fine Arts Appreciation Elective ⁴	2
				Minor or Electives	6
				TOTAL	17

¹ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Two credits must be taken with a Bi prefix on the 300–500 level.

³ Three credits must be taken from the following: PW 211 Expository Writing, PW 322 Critical Writing and PW 324 Business Writing.

⁴ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

• A student is not considered approved for a Communication Disorders major until a faculty committee has reviewed his progress in that major at the end of the sophomore year.

During the semester of Clinical Practicum, students will register for five credits of coursework on a special two-week block schedule that will be followed by 13 weeks of Clinical Practicum.

• Recommended minors: Biology, Counseling, English, Mathematics, Psychology, Spanish and Teaching English as a Second Language.

Department of Journalism and Mass Communication

BLAKE ALLYN SPENCE, EdD, *Department Head*

The Department offers a major in Journalism and Mass Communication and 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 approved majors at media outlets and at organizations performing public relations functions.

Journalism and 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 JMC 101, JMC 105, PW 211 and nine credits of electives with a JMC prefix.

Professional Writing Minor

The Professional Writing minor provides instruction primarily in non-journalistic writing for students who wish to broaden their general competence in written communication.

A minor in Professional Writing consists of PW 211, PW 222 or PW 324, PW 322, JMC 302 and six credits of electives with a JMC or PW prefix.

Bachelor of Arts Degree, Journalism and Mass Communication Major

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 40 credits in the major.

Program Learning Outcomes

The student will ...

- Articulate a philosophy of mass media that reflects a Christian 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.
- Apply biblical, ethical and legal principles to a variety of media situations.
- Evaluate potential career opportunities in the field of mass communication.

First Year

Uni 101	Freshman Seminar	1	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	JMC 105	Principles of Journalism	3
FA 125	Introduction to the Arts	1	JMC 201	Oral Communication for the Media	3
Com 101	Fundamentals of Speech	3		English Composition	3
JMC 101	Fundamentals of Broadcasting	3		Fine Arts Appreciation Elective ⁴	2
	English Composition	3		Foreign Language	3
	Foreign Language	3		Minor or Electives	1
	TOTAL	15		TOTAL	16

Second Year

Sc 200	Essential Science	3	Hi 102	History of Civilization since 1650	3
Bi 101	History of Civ c. 3500 BC to AD 1650	3	JMC 215	Intro to Public Relations	3
Bi 230	Hermeneutics	2		200-level Bible Elective ²	1
JMC 200	Media and Society	3		Advanced Writing Elective ³	3
PW 211	Expository Writing	3		Foreign Language	3
	Foreign Language	3		TOTAL	13
	TOTAL	17			

Third Year

SSE 200	Foundations of Economics	3	Ph 200	Themes in Western Thought	3
Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
	Journalism & Mass Comm Elec ⁴	3	JMC 426	Media Law & Ethics	3
	Journalism & Mass Comm Elec ⁴	3		Journalism & Mass Comm Elec ⁴	3
	Reporting Elective ⁵	3		Minor or Electives	1
	Minor or Electives	1		Science, Math or Comp Sci	3
	TOTAL	16		TOTAL	16

Fourth Year

Com 410	Oral Communication for the Prof.	3	Bi 499	Apologetics & Worldview	3
JMC 441	Journalism & Mass Comm Capstone	1	JMC 451	Internship	3
	Philosophy or Psychology	3		Minor or Electives	10
	Upper-Level Bible Elective ⁶	2		TOTAL	16
	Minor or Electives	7			
	TOTAL	16			

¹ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

² One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Three credits must be selected from the following: JMC 202 Writing for Electronic Media and JMC 230 News Writing.

⁴ Nine credits of Journalism and Mass Communication electives are required.

⁵ Three credits must be selected from the following: JMC 315 Reporting for Print and JMC 316 Reporting for Broadcast.

⁶ Two credits must be taken with a Bi prefix on the 300–500 level.

• Formal acceptance as a Journalism and Mass Communication major will be determined by a faculty committee's evaluation of the student's progress at the end of his sophomore year.

• Recommended minors: Business, Communication and English.

Department of Cinema

SHARYN JEFFERS ROBERTSON, MA, *Department Head*

The Department offers a major in Cinema Production. Courses are also available as general electives. Internships are available to qualified majors and are assigned by the department head.

Bachelor of Science Degree, Cinema Production Major

As part of the Division of Communication, the Department of Cinema draws upon the rich history of Unusual Films 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 Christian 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.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Com 101	Fundamentals of Speech	3
FA 125	Introduction to the Arts	1	Ci 100	Cinema Lab	0
Ci 100	Cinema Lab	0	Ci 202	Basic Cinematography	3
Ci 111	Introduction to Cinematic Arts	3		English Composition	3
	English Composition	3		Minor or Electives	3
	Minor or Electives	3		TOTAL	16
	TOTAL	15			

Second Year

SSE 200	Foundations of Economics	3	Ph 200	Themes in Western Thought	3
Bi 230	Hermeneutics	2	Sc 200	Essential Science	3
Com 202	Principles of Communication	3	Ci 100	Cinema Lab	0
Ci 100	Cinema Lab	0	Ci 204	Intermediate Sound Techniques	3
Ci 203	Basic Sound Techniques	3	Ci 304	Editing for Film & Video II	3
Ci 303	Editing for Film & Video I	3		200-level Bible Elective ¹	1
	English Literature or Writing Elec	3		Minor or Electives	3
	TOTAL	17		TOTAL	16

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Ci 100	Cinema Lab	0	Ci 100	Cinema Lab	0
Ci 301	Cinematography	3	Ci 316	Digital Imaging Techniques	2
Ci 312	Documentary Production Seminar	2	Ci 417	Cinema Directing	3
Ci 405	Screenwriting	2		Business/Critical/Expository Writing ²	3
	Philosophy or Psychology	3		Minor or Electives	5
	Science, Math, or Comp Sci	3		TOTAL	16
	TOTAL	16			

Fourth Year

Ci 100	Cinema Lab	0	Bi 499	Apologetics & Worldview	3
Ci 378	Aesthetics & History Cinematic Arts	1	Com 410	Oral Communication for the Prof.	3
Ci 479	Production Seminar ³	2	Ci 100	Cinema Lab	0
	Upper-Level Bible Elective ⁴	2	Ci 480	Advanced Production Seminar ³	3
	Minor or Electives	11		Minor or Electives	7
	TOTAL	16		TOTAL	16

¹ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Three credits must be taken from the following courses: PW 211 Expository Writing, PW 322 Critical Writing and PW 324 Business Writing. ³ The senior project is required in connection with Ci 479 and Ci 480.

³ Two credits must be taken with a Bi prefix on the 300–500 level.

- Cinema Production students (Ci 202 students and above) will be required to purchase a portable external hard drive to store class work. Please check with the department for recommended models
- All Cinema Production majors are required to register for Ci 100 Cinema Lab each semester.
- A student is not considered approved for a Cinema Production major until the end of his sophomore year when a faculty committee will evaluate the student's work and performance as a Cinema Production major.
- Recommended minors: Art, Business, Creative Writing, Journalism and Mass Communication, and Photography.

Department of Theatre Arts

RONALD HUGH PYLE, MA, *Department Head*

The Department offers a major and minor in Theatre Arts. Courses are also available as general electives.

Theatre Arts Minor

The Theatre Arts minor provides instruction in acting, directing, playwriting and designing for the stage.

A minor in Theatre Arts consists of ThA 101, ThA 105, ThA 413 and nine credits of electives with a ThA prefix. Recommended electives: ThA 100, ThA 201, ThA 205, ThA 300 and ThA 317.

Bachelor of Arts Degree, Theatre Arts Major

The Theatre Arts 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, to opportunities in the community and churches. 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 Christian worldview as it applies to theatre arts.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Com 202	Principles of Communication	3
FA 125	Introduction to the Arts	1	ThA 101	Stagecraft	3
Com 101	Fundamentals of Speech	3		English Composition	3
ThA 105	Theatre History & Lit I	3		Theatre Arts Elective ¹	3
	English Composition	3		TOTAL	16
	Minor or Electives	1			
	TOTAL	16			

Second Year

SSE 200	Foundations of Economics	3	Ph 200	Themes in Western Thought	3
Bi 230	Hermeneutics	2	Sc 200	Essential Science	3
ThA 200	Voice & Articulation	3		200-level Bible Elective ²	1
	English Literature or Writing Elec	3		Foreign Language	3
	Foreign Language	3		Theatre Arts Elective ¹	3
	Minor or Electives	2		Minor or Electives	3
	TOTAL	16		TOTAL	16

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
ThA 306	Acting	3	ThA 300	Stage Directing	3
ThA 401	Portfolio Preparation	1	ThA 407	Christian Drama Internship	1
	Foreign Language	3	ThA 413	Drama in Ministry	2
	Science, Math, or Comp Sci	3		Foreign Language	3
	Theatre Arts Elective ¹	2		Minor or Electives	4
	Minor or Electives	1		TOTAL	16

Fourth Year

Com 410	Oral Communication for the Prof.	3	Bi 499	Apologetics & Worldview	3
ThA 402	Senior Portfolio	1		Theatre Arts Elective ¹	3
	Philosophy or Psychology	3		Theatre Arts Elective ¹	2
	Theatre Arts Elective ¹	3		Minor or Electives	8
	Upper-Level Bible Elective ³	2		TOTAL	16
	Minor or Electives	4			
	TOTAL	16			

¹ Sixteen credits of Theatre Arts electives must be completed.

² One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Two credits must be taken with a Bi prefix on the 300–500 level.

- Formal acceptance as a Theatre Arts major will be determined by a faculty committee's evaluation of a student's classroom portfolio at the end of his/her sophomore year.
- Recommended minors: Art, English, Journalism and Mass Communication, Music and Professional Writing.



School of Education
Brian A. Carruthers, EdD
Dean

GENERAL INFORMATION

Purpose

In conjunction with the University's commitment to building Christlike character, the School of Education exists to prepare caregivers and educators for teaching in both public and private schools and administrative leadership in Christian schools; Christian servants for ministry in health and fitness; and counselors for various Christian ministries. The School also provides graduate programs in education and counseling.

Goals

The student will ...

- Apply learning to solutions of problems in his discipline.
- Employ relevant skills, resources and technology.
- Develop a distinctly biblical view of his discipline.

Divisions and Departments

The School of Education is organized into four divisions:

I. Division of Teacher Education

Department of Early Childhood Education
Department of Elementary Education
Department of Middle School Education
Department of English Education
Department of Modern Language Education
Department of Mathematics Education
Department of Music Education
Department of Science Education
Department of Social Studies Education
Department of Special Education

II. Division of Physical Education and Exercise Science

III. Division of Psychology

IV. Division of Graduate Studies

DEGREES OFFERED

Undergraduate Degrees

The *Associate of Science* degree with a major in Early Child Care and Development.

The *Bachelor of Arts* degree with a major in Biblical Counseling.

The *Bachelor of Science* degree with majors in Composite Social Studies Education; Early Childhood Education; Elementary Education; English Education; Health, Fitness and Recreation; Mathematics Education; Middle School Education; Music Education; Science Education; Spanish Education; and Special Education.

Graduate Degrees

The *Master of Education* degree with a major in Teaching and Learning.

The *Master of Science* degree with majors in Biblical Counseling and in Educational Leadership.

Gainful Employment

For graduation rates, the median debt of students who completed the program and other important information, visit go.bju.edu/rates.

TEACHER EDUCATION PROGRAMS

A summary of the requirements for all the teacher education programs offered by the School of Education are included in this

. For a more detailed explanation of requirements, refer to the *Teacher Education and Competency Handbook* (TEACH). A copy of TEACH is provided to every student on the BJU intranet.

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 Academic Council consisting of the deans of the various academic units of the university including the registrar and the provost.

Mathematics—All teacher education majors (except music education majors with a math ACT 18 or above) must complete at least one course in mathematics. The mathematics requirement is based on the student's math ACT score. The math course(s) will be taken on the following basis (unless otherwise stipulated):

Math ACT Score	Mathematics Requirement
17 and below	Ma 101 and Ma 102
18, 19 and 20	Ma 102
21 and above	Ma 210

Science—All teacher education students have a science requirement. Sc 103 Biological Science and Sc 105 Physical Science are required of all students majoring in early childhood education, elementary education and special education.

Professional Courses—All teacher education majors must earn a grade of C or better in courses for the following subjects: psychology and professional education which includes elementary education, special education, secondary education and music education. Professional courses are noted in each program by italics.

Praxis Examination Series

Praxis I Examination—The Praxis I Examination measures academic content that should be mastered by a student at the high school level. All students majoring in education must take and pass all three sections of the Praxis I Examination: writing, reading and mathematics. A student who fails one or more sections of the examination is required to retake only the portion that was not passed. Students who score a composite of 24 or higher on the ACT are exempt from taking the Praxis I exam. Expenses associated with the Praxis I examinations are the responsibility of the student.

Praxis II Examinations—Scores on the Praxis II Examination are used by the State Department of Education to determine a student's eligibility for certification in South Carolina. All students must take the Specialty Area Tests and the Principles of Learning and Teaching (PLT) of the Praxis II as a graduation requirement. A passing score on both tests is required in order to be recommended for certification. Expenses associated with the Praxis II examinations are the responsibility of the student.

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 aspiring teacher 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

The first step for admission to student teaching comes when the candidate is admitted to the School of Education degree program. (See the requirements for admission that are printed in TEACH.)

During the semester of Clinical Practice, students will register for 6 credits of coursework on a special two-week block schedule that will be followed by 12 weeks of clinical practice. Students should not plan to take any coursework during the semester of the clinical practice experience except the required courses included in the block.

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 student teaching experience, i.e., recitals, exhibitions, society offices; music or speech ensembles; and performance in plays, vespers, operas or student productions. Furthermore, no personal absences are permitted during the clinical practice experience, except when the school where the clinical practice is done is not in session and it does not conflict with an attendance requirement at the university.

Professional Education Certification/Non-Certification 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. Students who fail to do so will be asked to change their major to a non-teacher education program.

It is the student's responsibility to make application for South Carolina certification since no credentials are issued automatically. Students should be aware that the approved teacher education programs at Bob Jones University meet the certification requirements only for the state of South Carolina. Receiving a teaching certificate in an approved program through South Carolina may allow one to receive reciprocal certification in other states. However, each state has its own qualifiers for certification; therefore, for specific certification requirements, teacher candidates need to contact the Department of Education in the state in which they wish to apply for certification. Please be aware that some state departments require regional (not national) accreditation of the institution in order for them to recognize a graduate's certification. Students must take the initiative to make arrangements for renewing their certification upon expiration.

Professional Education Program—Bob Jones University's undergraduate teacher preparation programs have been developed to meet South Carolina teacher certification requirements. Students completing degree requirements and meeting certain other specified criteria are eligible for certification in the following areas:

Early Childhood Education	Pre-K–3
Middle School (Language Arts/Social Studies)	5–8
Middle School (Math/Science)	5–8
Music (choral & instrumental)	Pre-K–12
Special Education	Pre-K–12
Elementary Education	2–6
English	9–12
Mathematics	9–12
Science	9–12
Social Studies	9–12
Spanish	Pre-K–12

In addition to the specific course criteria outlined in the Catalog, candidates for certification with the State Department of Education in South Carolina must meet the following guidelines for formal acceptance to any of the teacher education programs in the School of Education:

1. A candidate must have a minimum of 45 hours of academic credit completed in his program before he is eligible for admission. No grades below C are acceptable toward a major, minor or any professional education class.
2. A candidate must meet the following GPA requirements at the time of admission:
 - a. Candidate must have and maintain at least a 2.5 GPA in the major.
 - b. Candidate must have a cumulative GPA of at least a 2.5 **or** a cumulative GPA of 2.25 and a composite ACT score of 20.
3. A candidate must pass all three sections of the Praxis I exam. Students with a composite ACT score of 24 are exempt from this requirement.
4. A candidate must present a satisfactory initial digital portfolio.

Non-Certification Track

We recognize that many of our students enrolled in the Division of Teacher Education may not be preparing for positions in public education. Students who are preparing for ministry in Christian education or on the missions field may not see the need for a state credential. These students, however, will still be required to meet all requirements established by the Division of Teacher Education (i.e., formal acceptance, GPA requirements, Praxis II, etc.). Students choosing the non-certification track, however, can apply to complete their student teaching in a local Christian school instead of a public school. These students cannot apply for a credential from the state of South Carolina at the conclusion of their program.

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 prospective teachers are urged to become members of UEA. Two major activities are featured each year. Introduction to the World of Special Olympics is a special program for the disabled children in attendance at Washington Center School. These students are transported to the university campus for day-long activities during the first semester of each year. The second program is a field day conducted in the spring for the students at Bob Jones Academy.

Associate of Science Degree, Early Child Care and Development Major

In conjunction with the University's commitment to building Christlike character, the Associate of Science degree in Early Child Care 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 32 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 certification or 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 experiences and materials to support young children's growth and development.
- Provide appropriate care of young children (birth to age eight) in accordance with local and ethical guidelines.
- Demonstrate understanding of responsible assessment of young children.
- Use developmentally appropriate approaches with young children.
- Create meaningful and appropriate curriculum for young children.
- Demonstrate biblical thinking in personal and professional endeavors.

First Year

Uni 101	Freshman Seminar	1
Bi 105	Old Testament Messages	1
FA 125	Introduction to the Arts	1
ECC 141	Infant & Toddler Development & Care	3
ECC 146	Child Health & Safety	3
	English	3
	Electives	3
	TOTAL	15

Bi 109	New Testament Messages	1
Com 101	Fundamentals of Speech	3
ECC 205	Foundations Early Child Care & Educ	3
ECC 210	Exceptional Young Children	2
ECC 221	Child Growth & Development	3
	English	3
	Electives	1
	TOTAL	16

Second Year

Bi 301	Christian Doctrines	3
ECC 200	Lang/Literacy Experience Young Child	3
ECC 220	Meth/Mat Early Care Professionals	2
ECC 251	Field Experience: Infants & Toddlers	3
	Math or Science Elective	3
	Speech Elective*	3
	TOTAL	17

Bi 302	Christian Doctrines	3
ECC 235	Creative Experiences Young Children	2
ECC 244	Early Childhood Curriculum	3
ECC 252	Field Experience: Preschool	3
ECC 345	Home, School & Community Relations	2
	Electives	3
	TOTAL	16

* Three credits must be selected from the following: Com 201 Public Speaking, Com 205 Class Communications, ThA 100 Solo Performances and ThA 306 Acting.

DIVISION OF TEACHER EDUCATION

DONALD LEE JACOBS, EdD, *Chairman*

The Division of Teacher Education includes the Departments of Early Childhood Education, Elementary Education, Middle School Education, English Education, Modern Language Education, Mathematics Education, Music Education, Science Education, Social Studies Education, and Special Education.

Courses are offered in this division for students who must complete the degree requirements for a teacher education major.

All teaching majors in the Division of Teacher Education are approved for certification in South Carolina to teach in public schools. These programs are also available on the non-certification track. This option is for students who plan to teach in private schools and will not require state certification.

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.

Department of Early Childhood Education

JULIE NICOLAZZO HARTMAN, PhD, *Department Head*

The Department of Early Childhood Education offers a major in Early Childhood Education.

Bachelor of Science Degree, Early Childhood Education Major

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 54 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 P–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 candidates.

First Year

Uni 101	Freshman Seminar	1	Sc 103	Biological Science	4
Sc 105	Physical Science	4	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	FA 125	Introduction to the Arts	1
Ed 100	Introduction to Education	3	Com 101	Fundamentals of Speech	3
	English Composition	3	EC 221	Child Growth & Development	3
	TOTAL	15		English Composition	3
				TOTAL	18

Second Year

Ma 109	Essential Mathematics for Teachers	3	Ma 110	Foundations of Math for Teachers	3
Bi 230	Hermeneutics	2	Ed 301	Technology in the Classroom	2
Com 205	Classroom Communication	3	EC 307	Teaching Social Studies (Pre-K–3)	3
Ed 300	Foundations in Instructional Tech	2	EC 345	Home, School & Community Relations	2
EC 205	Foundations Early Child Care & Educ	3	Ps 201	<i>Educational Psychology</i>	3
EC 305	Teaching Science (Pre-K–3)	3		200-level Bible Elective ¹	1
	TOTAL	16		English Literature or Writing Elec	3
				TOTAL	17

Third Year

Bi 401	Bible Doctrines	3	Ph 200	Themes in Western Thought	3
EC 302	Teaching Reading (Pre-K-3)	3	Bi 402	Bible Doctrines	3
EC 309	Teaching Language Arts (Pre-K-3)	3	EC 244	Early Childhood Curriculum	3
EC 331	Practicum Pre-K-3	3	EC 311	Teaching Mathematics (Pre-K-3)	3
EE 401	Teaching Techniques (Pre-K-6)	1	EE 408	<i>Prescriptive Reading Practicum</i>	3
Ps 300	<i>Child Psychology</i>	3		Fine Arts Appreciation Elective ²	2
	TOTAL	16		TOTAL	17

Fourth Year

Bi 500	Teaching Bible Principles	2	SSE 200	Foundations of Economics	3
Ed 562	Assessment (Pre-K-6)	2	Bi 499	Apogetics & Worldview	3
EC 499	Clinical Practice (Pre-K-3)	9	EE 405	Teaching Health & Physical Education	3
EE 550	Classroom Management	2	EE 510	<i>Children's Literature</i>	3
	TOTAL	15	Ps 305	<i>Introduction to Exceptional Learners</i>	3
				TOTAL	15

¹ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

- During the semester of Clinical Practice, students will register for six credits of coursework on a special two-week block schedule that will be followed by 13 weeks of Clinical Practice.
- During the third year, students will make application to do Clinical Practice during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Clinical Practice.

Department of Elementary Education

TAMILA THORSELL JACOBS, EdD, *Department Head*

This Department offers a major in Elementary Education.

Bachelor of Science Degree, Elementary Education Major

In conjunction with the University's commitment to building Christlike character, the Department of Elementary Education 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 57 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 and professional manner.

First Year

Uni 101	Freshman Seminar	1	Sc 103	Biological Science	4
Sc 105	Physical Science	4	Ma 110	Foundations of Math for Teachers	3
Ma 109	Essential Mathematics for Teachers	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Ar 225	Appreciation of Art	2
FA 125	Introduction to the Arts	1	Ed 100	Introduction to Education	3
Com 101	Fundamentals of Speech	3		English Composition	3
	English Composition	3		TOTAL	16
	TOTAL	16			

Second Year

Hi 101	History of Civ c. 3500 BC to AD 1650	3	Hi 102	History of Civilization since 1650	3
Bi 230	Hermeneutics	2	Ed 301	Technology in the Classroom	2
Com 205	Classroom Communication	3	EE 303	Teaching Language Arts (2-6)	3
Ed 300	Foundations in Instructional Tech	2	EE 405	Teaching Health & Physical Education	3
EE 301	Teaching Social Studies (2-6)	3	Ps 300	Child Psychology	3
Ps 201	Educational Psychology	3		200-level Bible Elective ¹	1
	TOTAL	16		English Composition & Literature	3
				TOTAL	18

Third Year

Hi 201	United States History to 1865.....	3	Hi 202	United States History since 1865	3
Bi 401	Bible Doctrines.....	3	Bi 402	Bible Doctrines.....	3
EE 300	Teaching Mathematics (2–6).....	3	Mu 225	Appreciation of Music.....	2
EE 302	Teaching Reading (2–6).....	3	EE 304	Teaching Science (2–6).....	3
EE 331	Practicum: Grades 2–6.....	3	EE 408	Prescriptive Reading Practicum.....	3
EE 401	Teaching Techniques (Pre-K–6).....	1	Ps 305	Introduction to Exceptional Learners.....	3
	TOTAL.....	16		TOTAL.....	17

Fourth Year

Bi 500	Teaching Bible Principles	2	Ph 200	Themes in Western Thought	3
Ed 562	Assessment (Pre-K–6)	2	SSE 200	Foundations of Economics.....	3
EE 499	Clinical Practice (2–6).....	9	SSG 200	Fundamentals of Geography	3
EE 550	Classroom Management	2	Bi 499	Apologetics & Worldview	3
	TOTAL.....	15	EE 510	Children’s Literature.....	3
				TOTAL.....	15

¹ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

- During the third year, students will make application to do Clinical Practice during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Clinical Practice.
- During the semester of Clinical Practice, students will register for six credits of coursework on a special two-week block schedule that will be followed by 13 weeks of Clinical Practice.

Department of Middle School Education

SONIA LEIGH JOHNSON, EdD, *Department Head*

The Department offers majors in Middle School Education with concentrations in Language Arts/Social Studies and Mathematics/Science. Courses for the majors are offered in the Departments of Mathematics, Biology, Chemistry, Physics, English, History and Social Studies from the College of Arts and Science.

Bachelor of Science Degree, Middle School Education Major

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 school structures and community to maximize learning in young adolescents.
- 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 chosen teaching fields.

(Language Arts/Social Studies)

First Year

Uni 101	Freshman Seminar.....	1	En 103	Composition & Literature.....	3
En 102	Composition & Rhetoric.....	3	Sc 200	Essential Science.....	3
Hi 101	History of Civ c. 3500 BC to AD 1650.....	3	Hi 102	History of Civilization since 1650.....	3
Bi 105	Old Testament Messages.....	1	SSP 207	National Government.....	3
Com 101	Fundamentals of Speech.....	3	Bi 109	New Testament Messages.....	1
	Mathematics for Education Majors ¹	3	FA 125	Introduction to the Arts	1
	TOTAL.....	14	Ed 100	Introduction to Education.....	3
				TOTAL.....	17

Second Year

En 204	American Literature since 1607	3	Ph 200	Themes in Western Thought	3
Hi 201	United States History to 1865	3	Hi 202	United States History since 1865	3
Bi 230	Hermeneutics	2	SSG 200	Fundamentals of Geography	3
Com 205	Classroom Communication	3	MSE 342	Teaching Read/Wr Content Areas (5–8)	3
MSE 380	Teaching Writing (5–8)	3	Ps 302	<i>Adolescent Psychology</i>	3
Ps 201	<i>Educational Psychology</i>	3		200-level Bible Elective ²	1
	TOTAL	17		Fine Arts Appreciation Elective ³	2
				TOTAL	18

Third Year

En 203	British Literature since 1688	3	Bi 402	Bible Doctrines	3
SSE 200	Foundations of Economics	3	Ed 301	<i>Technology in the Classroom</i>	2
Bi 401	Bible Doctrines	3	MSE 315	<i>Teaching English (5–8)</i>	3
Ed 300	<i>Foundations in Instructional Tech</i>	2	MSE 317	<i>Teaching Social Studies (5–8)</i>	3
MSE 333	<i>Middle School Curric. & Organization</i>	3	MSE 331	<i>Practicum: Grades 5–8</i>	3
Ps 305	<i>Introduction to Exceptional Learners</i>	3	MSE 401	<i>Teaching Techniques (5–8)</i>	1
	TOTAL	17		TOTAL	15

Fourth Year

En 509	Structure of Modern English	3	Bi 500	Teaching Bible Principles	2
Bi 499	Apologetics & Worldview	3	Ed 563	<i>Assessment (5–12)</i>	2
SE 502	Teaching Adolescent Literature	3	MSE 499	Clinical Practice (5–8)	9
	English Literature Elective ⁴	3	MSE 550	<i>Classroom Management</i>	2
	Social Studies or History Elective ⁵	3		TOTAL	15
	TOTAL	15			

¹ Placement to be determined by math ACT score.

² One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Two credits must be taken from the following courses: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and Tha 225 Appreciation of Theatre & Film.

⁴ Three credits must be taken from the following courses: En 300 Literary Criticism, En 461 British Novel, En 462 American Novel, En 505 Modern Poetry, En 506 Modern Fiction, En 511 Shakespeare: Early Plays, En 512 Shakespeare: Late Plays, En 513 The Bible as Literature, En 525 Contemporary Poetry and En 526 Contemporary Fiction.

⁵ Three credits must be taken from a social studies or history elective.

· During the third year, students will make application to do Clinical Practice during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Clinical Practice.

· During the semester of Clinical Practice, students will register for six credits of coursework on a special two-week block schedule that will be followed by 13 weeks of Clinical Practice.

(Mathematics/Science)

First Year

Uni 101	Freshman Seminar	1	Bio 101	General Biology II	4
Bio 100	General Biology I	4	Ma 110	Foundations of Math for Teachers	3
Ma 109	Essential Mathematics for Teachers	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	FA 125	Introduction to the Arts	1
Com 101	Fundamentals of Speech	3	Ed 100	<i>Introduction to Education</i>	3
	English Composition	3		English Composition	3
	TOTAL	15		Fine Arts Appreciation Elective ¹	2
				TOTAL	17

Second Year

Phy 101	Introductory Physics	4	Sc 207	General Geology	3
Ma 103	College Algebra	3	Ma 105	Transcendental Functions	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Hi 102	History of Civilization since 1650	3
Bi 230	Hermeneutics	2	Ps 302	<i>Adolescent Psychology</i>	3
Com 205	Classroom Communication	3		200-level Bible Elective ²	1
Ps 201	<i>Educational Psychology</i>	3		English Literature or Writing Elec	3
	TOTAL	18		TOTAL	16

Third Year

Ph 200	Themes in Western Thought	3	Ma 211	Theory of Geometry	3
Chm 103	General Chemistry I	4	Bi 402	Bible Doctrines	3
Ma 200	Calculus I	3	Ed 301	<i>Technology in the Classroom</i>	2
Bi 401	Bible Doctrines	3	MSE 319	<i>Teaching Mathematics (5–8)</i>	3
Ed 300	<i>Foundations in Instructional Tech</i>	2	MSE 321	<i>Teaching Natural Science (5–8)</i>	3
MSE 333	<i>Middle School Curric. & Organization</i>	3	MSE 331	<i>Practicum: Grades 5–8</i>	3
	TOTAL	18	MSE 401	<i>Teaching Techniques (5–8)</i>	1
				TOTAL	18

Fourth Year

As 150	Solar System Astronomy	3	Bi 500	Teaching Bible Principles	2
Ma 210	Elementary Statistics	3	Ed 563	<i>Assessment (5–12)</i>	2
SSE 200	Foundations of Economics	3	MSE 499	Clinical Practice (5–8)	9
Bi 499	Apologetics & Worldview	3	MSE 550	<i>Classroom Management</i>	2
Ps 305	<i>Introduction to Exceptional Learners</i>	3		TOTAL	15
	Natural Science Elective	3			
	TOTAL	18			

¹ Two credits must be taken from the following courses: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and Tha 225 Appreciation of Theatre & Film.

² One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

- During the third year, students will make application to do Clinical Practice during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Clinical Practice.
- During the semester of Clinical Practice, students will register for six credits of coursework on a special two-week block schedule that will be followed by 13 weeks of Clinical Practice.

Department of English Education

LESA MARIE SEIBERT, EdD, *Department Head*

The Department offers a major in English Education. Courses for the major are offered in the Department of English from the Division of English Language and Literature of the College of Arts and Science and in the Department of Communication Studies and Journalism and Mass Communication from the Division of Communication of the School of Fine Arts and Communication.

Bachelor of Science Degree, English Education Major

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, speech and literature), the degree offers instruction in psychology 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 39 credits in English Language Arts content and 45 credits in psychology 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 content knowledge.
- 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 the high school teaching of English Language Arts.

First Year

Uni 101	Freshman Seminar	1	En 103	Composition & Literature	3
En 102	Composition & Rhetoric ¹	3	Sc 200	Essential Science	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Hi 102	History of Civilization since 1650	3
Bi 105	Old Testament Messages	1	Bi 109	New Testament Messages	1
Com 101	Fundamentals of Speech	3	FA 125	Introduction to the Arts	1
Ed 100	<i>Introduction to Education</i>	3	Com 205	Classroom Communication	3
	Mathematics for Education Majors ²	3	PW 211	Expository Writing	3
	TOTAL	17		TOTAL	17

Second Year

En 204	American Literature since 1607	3	En 202	British Literature to 1688	3
Ed 300	<i>Foundations in Instructional Tech</i>	2	Bi 230	Hermeneutics	2
SE 380	<i>Teaching Writing (9–12)</i>	3	Com 322	Teaching Speech & Drama	3
Ps 201	<i>Educational Psychology</i>	3	ThA 100	Solo Performance	3
Ps 305	<i>Introduction to Exceptional Learners</i>	3	Ed 301	<i>Technology in the Classroom</i>	2
	200-level Bible Elective ³	1	SE 342	<i>Teach Read/Wri Content Areas (9–12)</i>	3
	Fine Arts Appreciation Elective ⁴	2		TOTAL	16
	TOTAL	17			

Third Year

En 203	British Literature since 1688	3	En 508	History of the English Language	3
En 300	Literary Criticism	3	Bi 402	Bible Doctrines	3
En 509	Structure of Modern English	3	SE 315	<i>Teaching English (9–12)</i>	3
Bi 401	Bible Doctrines	3	SE 331	<i>Practicum: Grades 9–12</i>	3
SE 502	<i>Teaching Adolescent Literature</i>	3	SE 401	<i>Teaching Techniques (9–12)</i>	1
	TOTAL	15	En 415	Multiethnic Literature	3
				TOTAL	16

Fourth Year

Bi 500	Teaching Bible Principles	2	Ph 200	Themes in Western Thought	3
Ed 563	<i>Assessment (5–12)</i>	2	SSE 200	Foundations of Economics	3
SE 499	<i>Clinical Practice (9–12)</i>	9	Bi 499	Apologetics & Worldview	3
SE 550	<i>Classroom Management</i>	2	Ps 302	<i>Adolescent Psychology</i>	3
	TOTAL	15		Shakespeare Elective ⁵	3
				TOTAL	15

¹ Students who do not place out of En 101 must begin their English sequence with En 101 Composition & Grammar.

² Placement to be determined by math ACT score.

³ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul

⁴ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

⁵ Three credits must be taken from the following courses: En 511 Shakespeare: Early Plays and En 512 Shakespeare: Late Plays.

· During the third year, students will make application to do Clinical Practice during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Clinical Practice.

· During the semester of Clinical Practice, students will register for six credits of coursework on a special two-week block schedule that will be followed by 13 weeks of Clinical Practice.

Department of Modern Language Education

BRUCE ALAN BYERS, PhD, *Department Head*

The Department offers a major in Spanish Education. Courses for the major are offered in the Department of Modern Languages from the Division of Foreign Language and Literature of the College of Arts and Science.

Bachelor of Science Degree, Spanish Education Major

In support of the Division of Teacher Education's mission to prepare Christian educators, the Spanish Education program provides preparation for teaching Spanish in both public and private schools. In addition to courses in Spanish language, literature and civilization, study abroad opportunities are available. The program requires 36 credits in Spanish above the first semester of Elementary Spanish (MLS 141) and 36 credits of psychology and pedagogy, including field experience in classroom teaching.

Program Learning Outcomes

The student will ...

- Communicate in Spanish at the Advanced level according to the American Council on the Teaching of Foreign Languages (ACTFL) proficiency guidelines.
- Apply the linguistic elements and structures of the Spanish language.
- Critique the products, practices and perspectives of Spanish cultures.
- Articulate in Spanish a biblical perspective on cultural issues.
- Implement well-written lesson plans in teaching Spanish.

First Year

Uni 101	Freshman Seminar	1	MLS 241	Intermediate Spanish I	3
MLS 142	Elementary Spanish II ¹	3	Hi 102	History of Civilization since 1650	3
Sc 200	Essential Science	3	Bi 109	New Testament Messages	1
Hi 101	History of Civ c. 3500 BC to AD 1650	3	FA 125	Introduction to the Arts	1
Bi 105	Old Testament Messages	1	Ed 100	<i>Introduction to Education</i>	3
Com 101	Fundamentals of Speech	3		English Composition	3
	English Composition	3		Mathematics for Education Majors ²	3
	TOTAL	17		TOTAL	17

Second Year

Li 301	Descriptive Linguistics	3	Ph 200	Themes in Western Thought	3
MLS 242	Intermediate Spanish II	3	MLS 342	Spanish Conversation	3
Bi 230	Hermeneutics	2	Com 205	Classroom Communication	3
	<i>Adolescent or Child Psychology</i>	3	Ps 201	<i>Educational Psychology</i>	3
	English Literature or Writing Elec.	3		200-level Bible Elective ³	1
	Spanish Elective for Spanish Major	3		Spanish Elective for Spanish Major	3
	TOTAL	17		TOTAL	16

Third Year

MLS 341	Spanish Composition	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	Ed 301	<i>Technology in the Classroom</i>	2
Ed 300	<i>Foundations in Instructional Tech</i>	2	SE 316	<i>Teaching Foreign Language (Pre-K–12)</i>	3
Ps 305	<i>Introduction to Exceptional Learners</i>	3	SE 331	<i>Practicum: Grades 9–12</i>	3
	Spanish Civilization Elective ⁴	3	SE 401	<i>Teaching Techniques (9–12)</i>	1
	Spanish Literature Elective ⁵	3		MLS 441 or MLS 442	3
	TOTAL	17		TOTAL	15

Fourth Year

MLS 479	Spanish Seminar ⁶	1	Bi 500	Teaching Bible Principles	2
SSE 200	Foundations of Economics	3	SE 499	<i>Clinical Practice (9–12)</i>	9
Bi 499	Apologetics & Worldview	3		<i>Assessment (Pre-K–6 or 5–12)</i> ⁷	2
	Fine Arts Appreciation Elective ⁸	2		<i>Classroom Management</i> ⁹	2
	Spanish Elective for Spanish Major	3		TOTAL	15
	Spanish Elective for Spanish Major	3			
	TOTAL	15			

¹ No credit toward a Spanish Education major will be given for MLS 141 Elementary Spanish I. Students who test out of MLS 142 Elementary Spanish II will substitute a Spanish elective for this requirement.

² Placement to be determined by math ACT score.

³ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Three credits must be taken from the following courses: MLS 343 Civilization of Latin America and MLS 344 Civilization of Spain.

⁵ Three credits must be taken from the following courses: MLS 346 Survey of Spanish Literature, MLS 446 Golden Age Spanish Literature, MLS 447 Spanish-American Literature to 1880, MLS 448 Spanish-American Lit since 1880 and MLS 449 Twentieth Cent Spanish-American Fict.

⁶ Students must take the Oral Proficiency Interview examination in partial fulfillment of the requirements of this course. Candidates must attain the Advanced level on the OPI exam in order to be recommended for state certification.

⁷ Students choose from the following courses depending on grade levels of interest: Ed 562 Assessment (Pre-K–6) and Ed 563 Assessment (5–12).

⁸ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

⁹ Two credits must be taken from the following courses: EE 550 Classroom Management, MSE 550 Classroom Management and SE 550 Classroom Management.

• During the third year, students will make application to do Clinical Practice during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Clinical Practice.

• During the semester of Clinical Practice, students will register for six credits of coursework on a special two-week block schedule that will be followed by 13 weeks of Clinical Practice.

Department of Mathematics Education

KATHY DIANE PILGER, EdD, *Department Head*

The Department offers a major in Mathematics Education. Courses for the major are offered in the Department of Mathematics from the Division of Mathematical Science of the College of Arts and Science.

Bachelor of Science Degree, Mathematics Education Major

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 (9th–12th grades). Students will become knowledgeable of mathematical content and pedagogy to be an effective educator. Mathematics (36 credits) and education (36 credits) courses produce mathematics teachers that 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.

First Year

Uni 101	Freshman Seminar	1	Sc 200	Essential Science	3
Ma 105	Transcendental Functions ¹	3	Ma 150	Intro to Mathematical Reasoning ²	3
Ma 211	Theory of Geometry	3	Ma 200	Calculus I	3
Bi 105	Old Testament Messages	1	Bi 109	New Testament Messages	1
Com 101	Fundamentals of Speech	3	FA 125	Introduction to the Arts	1
	English Composition	3	Ed 100	<i>Introduction to Education</i>	3
	TOTAL	14		English Composition	3
				TOTAL	17

Second Year

Ma 201	Calculus II	3	Ph 200	Themes in Western Thought	3
Ma 300	Elementary Linear Algebra	3	Ma 301	Calculus III	3
Bi 230	Hermeneutics	2	CpS 109	Introduction to Computer Programming	3
Ed 300	<i>Foundations in Instructional Tech</i>	2	Hi 102	History of Civilization since 1650	3
Ps 201	<i>Educational Psychology</i>	3	Com 205	Classroom Communication	3
	English Literature or Writing Elec	3	Ed 301	<i>Technology in the Classroom</i>	2
	TOTAL	16		200-level Bible Elective ³	1
				TOTAL	18

Third Year

Ma 302	Calculus IV	3	Ma 303	Discrete Math	3
Ma 407	Modern Geometry	3	Ma 402	Abstract Algebra	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	SE 319	<i>Teaching Mathematics (9–12)</i>	3
Ps 305	<i>Introduction to Exceptional Learners</i>	3	SE 331	<i>Practicum: Grades 9–12</i>	3
	Fine Arts Appreciation Elective ⁴	2	SE 401	<i>Teaching Techniques (9–12)</i>	1
	TOTAL	17		TOTAL	16

Fourth Year

Ma 404	Probability & Statistics I	3	Bi 500	Teaching Bible Principles	2
SSE 200	Foundations of Economics	3	Ed 563	<i>Assessment (5–12)</i>	2
Bi 499	Apogetics & Worldview	3	SE 499	<i>Clinical Practice (9–12)</i>	9
Ps 302	<i>Adolescent Psychology</i>	3	SE 550	<i>Classroom Management</i>	2
	Mathematics Elective	3		TOTAL	15
	TOTAL	15			

¹ First mathematics course placement is by math ACT score or by Mathematics Placement Test.

² Ma 150 may be waived by passing the Math Reasoning Placement Test.

³ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

- During the third year, students will make application to do Clinical Practice during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Clinical Practice.
- During the semester of Clinical Practice, students will register for six credits of coursework on a special two-week block schedule that will be followed by 13 weeks of Clinical Practice.

Department of Music Education

MICHAEL WILLIAM MOORE, PhD, *Department Head*

The Department offers a major in Music Education with a principal in voice, keyboard or orchestral instrument. Courses are offered in this department for students who must complete the requirement for a music teacher education major. Courses for the principal are offered in these various departments from the Division of Music of the School of Fine Arts and Communication.

Bachelor of Science Degree, Music Education Major

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 certification. 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. Depending on the principal selected, the major component comprises 63–65 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 hold membership in a large music ensemble each semester (except for the semester they are enrolled in Clinical Practice). In addition, students may be required to hold membership in a small ensemble as determined by their departments.

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.

(Orchestral Instrument Principal)

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization since 1650	3
Bi 105	Old Testament Messages	1	Bi 109	New Testament Messages	1
Mu 101	Introduction to Music Literature	2	FA 125	Introduction to the Arts	1
MT 105	Theory I	4	MT 106	Theory II	4
Com 101	Fundamentals of Speech	3	Ps 201	<i>Educational Psychology</i>	3
ME 101	Introduction to Music Education	2		Applied Secondary - Piano ¹	1
	Applied Secondary - Piano ¹	1		English Composition	3
	English Composition	3		Freshman Instrument	1
	Freshman Instrument	1		Instrument Class Elective ²	1
	TOTAL	18		TOTAL	18

Second Year

Hi 101	History of Civ c. 3500 BC to AD 1650	3	Sc 200	Essential Science	3
Bi 230	Hermenutics	2	MT 206	Theory IV	4
MT 205	Theory III	4	ME 201	Intro to Tech in Music Ed.	2
Com 205	Classroom Communication	3		200-level Bible Elective ³	1
ME 307	Elementary School Music	2		Applied Secondary - Piano ¹	1
	Applied Secondary - Piano ¹	1		English Literature or Writing Elec.	3
	Instrument Class Elective ²	1		Instrument Class Elective ²	1
	Sophomore Instrument	1		Sophomore Instrument	1
	TOTAL	17		TOTAL	16

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Mu 303	History of Music I	2	Ar 225	Appreciation of Art	2
MT 301	Elements of Conducting	1	Mu 304	History of Music II	2
MT 504	Orchestration	2	MT 303	Instrumental Conducting	2
ME 301	Voice Methods for Choral Directors	2	SE 331	<i>Practicum: Grades 9-12</i>	3
ME 401	Instrumental Director Methods	2	SE 401	<i>Teaching Techniques (9-12)</i>	1
ME 522	Music for Exceptional Learners	2	ME 308	Secondary School Music	2
	Instrument Class Elective ²	1		Instrument Class Elective ²	1
	Junior Instrument	1		Junior Instrument	1
	TOTAL	16		TOTAL	17

Fourth Year

Bi 499	Apologetics & Worldview	3	Bi 500	Teaching Bible Principles	2
Mu 305	History of Music III	3	SE 499	<i>Clinical Practice (9-12)</i>	9
ME 202	Notation in Music Technology I	2		<i>Assessment (Pre-K-6 or 5-12)</i> ⁴	2
	<i>Adolescent or Child Psychology</i>	3		<i>Classroom Management</i> ⁵	2
	Found Economics/Themes West Thought	3		TOTAL	15
	Senior Instrument	2			
	TOTAL	16			

¹ Orchestral Instrument principals must elect piano until the secondary piano examination is passed. Students who pass the secondary piano examination prior to the fourth semester must replace these credits with music electives.

² Five credits of class instruction must be taken on the various orchestral instruments and the corresponding corequisite of Lab Orchestra or Lab Band. Only one instrument class may be taken per semester from the following courses: 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 and ME 219 Guitar Class. The following courses may be taken with approval of the department head: ME 312 Double Reed Class, ME 313 Saxophone Class, ME 314 Euphonium/Tuba Class and ME 315 Horn Class.

³ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Two credits must be taken from the following courses: Ed 562 Assessment (Pre-K-6) and Ed 563 Assessment (5-12).

⁵ Two credits must be taken from the following courses: EE 550 Classroom Management, MSE 550 Classroom Management and SE 550 Classroom Management.

• During the third year, students will make application to do Clinical Practice during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Clinical Practice.

• During the semester of Clinical Practice, students will register for six credits of coursework on a special two-week block schedule that will be followed by 13 weeks of Clinical Practice.

(Piano or Organ Principal with Choral Track)

First Year

Uni 101	Freshman Seminar	1	Sc 200	Essential Science	3
Bi 105	Old Testament Messages	1	Bi 109	New Testament Messages	1
Mu 101	Introduction to Music Literature	2	FA 125	Introduction to the Arts	1
MT 105	Theory I	4	MT 106	Theory II	4
Com 101	Fundamentals of Speech	3	ME 101	Introduction to Music Education	2
ME 219	Guitar Class	1		Applied Secondary - Voice	1
	Applied Secondary - Voice	1		English Composition	3
	English Composition	3		Freshman Piano or Organ	1
	Freshman Piano or Organ	1		Instrument Class Elective ¹	1
	TOTAL	17		TOTAL	17

Second Year

Hi 101	History of Civ c. 3500 BC to AD 1650	3	Hi 102	History of Civilization since 1650	3
Bi 230	Hermeneutics	2	Ar 225	Appreciation of Art	2
MT 205	Theory III	4	MT 206	Theory IV	4
Com 205	Classroom Communication	3	ME 201	Intro to Tech in Music Ed.	2
Ps 201	<i>Educational Psychology</i>	3	ME 307	Elementary School Music	2
	Instrument Class Elective ¹	1		200-level Bible Elective ²	1
	Sophomore Piano or Organ	1		English Literature or Writing Elec	3
	TOTAL	17		Sophomore Piano or Organ	1
				TOTAL	18

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Mu 303	History of Music I	2	Mu 304	History of Music II	2
MT 301	Elements of Conducting	1	MT 302	Choral Conducting	2
MT 502	Choral Composition	2	SE 331	<i>Practicum: Grades 9–12</i>	3
ME 301	Voice Methods for Choral Directors	2	SE 401	<i>Teaching Techniques (9–12)</i>	1
ME 522	Music for Exceptional Learners	2	ME 308	Secondary School Music	2
	<i>Adolescent or Child Psychology</i>	3	ME 402	Choral Director Methods	2
	Instrument Class Elective ¹	1		Instrument Class Elective ¹	1
	Junior Piano or Organ	1		Junior Piano or Organ	1
	TOTAL	17		TOTAL	17

Fourth Year

Bi 499	Apologetics & Worldview	3	Bi 500	Teaching Bible Principles	2
Mu 305	History of Music III	3	SE 499	<i>Clinical Practice (9–12)</i>	9
ME 202	Notation in Music Technology I	2		<i>Assessment (Pre-K–6 or 5–12)</i> ³	2
	Found Economics/Themes West Thought	3		<i>Classroom Management</i> ⁴	2
	Keyboard Pedagogy Elective ⁵	2		TOTAL	15
	Senior Piano or Organ	2			
	TOTAL	15			

¹ Four credits of class instruction must be taken on the various orchestral instruments and the corresponding corequisite of Lab Orchestra or Lab Band. Only one instrument class may be taken per semester from the following courses: 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 and ME 217 Percussion Methods. The following courses may be taken with approval of the department head: ME 312 Double Reed Class, ME 313 Saxophone Class, ME 314 Euphonium/Tuba Class and ME 315 Horn Class.

² One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Two credits must be taken from the following courses: Ed 562 Assessment (Pre-K–6) and Ed 563 Assessment (5–12).

⁴ Two credits must be taken from the following courses: EE 550 Classroom Management, MSE 550 Classroom Management and SE 550 Classroom Management.

⁵ Two to three credits must be taken from the following courses: Or 400 Organ Pedagogy, PPd 403 Piano Pedagogy: Group Instructor and PPd 501 Piano Pedagogy: Private Instructor.

· During the third year, students will make application to do Clinical Practice during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Clinical Practice.

· During the semester of Clinical Practice, students will register for six credits of coursework on a special two-week block schedule that will be followed by 13 weeks of Clinical Practice.

(Piano or Organ Principal with Instrumental Track)

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization since 1650	3
Bi 105	Old Testament Messages	1	Bi 109	New Testament Messages	1
MT 105	Theory I	4	FA 125	Introduction to the Arts	1
Com 101	Fundamentals of Speech	3	Mu 101	Introduction to Music Literature	2
ME 101	Introduction to Music Education	2	MT 106	Theory II	4
	Applied Secondary Instrument ¹	1		Applied Secondary Instrument ¹	1
	English Composition	3		English Composition	3
	Freshman Piano or Organ	1		Freshman Piano or Organ	1
	TOTAL	16		Instrument Class Elective ²	1
				TOTAL	17

Second Year

Hi 101	History of Civ c. 3500 BC to AD 1650	3	Sc 200	Essential Science	3
Bi 230	Hermeneutics	2	Ar 225	Appreciation of Art	2
MT 205	Theory III	4	MT 206	Theory IV	4
ME 201	Intro to Tech in Music Ed	2	ME 307	Elementary School Music	2
Ps 201	<i>Educational Psychology</i>	3		200-level Bible Elective ³	1
	Instrument Class Elective²	1		English Literature or Writing Elec	3
	Keyboard Pedagogy Elective⁴	2		Instrument Class Elective²	1
	Sophomore Piano or Organ	1		Sophomore Piano or Organ	1
	TOTAL	18		TOTAL	17

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Mu 303	History of Music I	2	Mu 304	History of Music II	2
MT 301	Elements of Conducting	1	MT 303	Instrumental Conducting	2
MT 504	Orchestration	2	Com 205	Classroom Communication	3
ME 301	Voice Methods for Choral Directors	2	SE 331	<i>Practicum: Grades 9–12</i>	3
ME 308	Secondary School Music	2	SE 401	<i>Teaching Techniques (9–12)</i>	1
ME 401	Instrumental Director Methods	2		Instrument Class Elective²	1
ME 522	Music for Exceptional Learners	2		Junior Piano or Organ	1
	Instrument Class Elective²	1		TOTAL	16
	Junior Piano or Organ	1			
	TOTAL	18			

Fourth Year

Bi 499	Apologetics & Worldview	3	Bi 500	Teaching Bible Principles	2
Mu 305	History of Music III	3	SE 499	<i>Clinical Practice (9–12)</i>	9
ME 202	Notation in Music Technology I	2		<i>Assessment (Pre-K–6 or 5–12)</i> ⁵	2
	<i>Adolescent or Child Psychology</i>	3		<i>Classroom Management</i> ⁶	2
	Found Economics/Themes West Thought	3		TOTAL	15
	Senior Piano or Organ	2			
	TOTAL	16			

¹ Keyboard Studies principals with instrumental track shall elect a secondary instrument. Two credits must be taken in the same instrument.

² Five credits of class instruction must be taken on the various orchestral instruments and the corresponding corequisite of Lab Orchestra or Lab Band. Only one instrument class may be taken per semester from the following courses: 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 and ME 219 Guitar Class. The following courses may be taken with approval of the department head: ME 312 Double Reed Class, ME 313 Saxophone Class, ME 314 Euphonium/Tuba Class and ME 315 Horn Class.

³ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Students choose from the following courses depending on their keyboard principal: Or 400 Organ Pedagogy, PPD 403 Piano Pedagogy: Group Instructor and PPD 501 Piano Pedagogy: Private Instructor.

⁵ Two credits must be taken from the following courses: Ed 562 Assessment (Pre-K–6) and Ed 563 Assessment (5–12).

⁶ Two credits must be taken from the following courses: EE 550 Classroom Management, MSE 550 Classroom Management and SE 550 Classroom Management.

· During the third year, students will make application to do Clinical Practice during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Clinical Practice.

· During the semester of Clinical Practice, students will register for six credits of coursework on a special two-week block schedule that will be followed by 13 weeks of Clinical Practice.

(Voice Principal)

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization since 1650	3
Bi 105	Old Testament Messages	1	Bi 109	New Testament Messages	1
FA 125	Introduction to the Arts	1	MT 106	Theory II	4
Mu 101	Introduction to Music Literature	2	ME 101	Introduction to Music Education	2
MT 105	Theory I	4	Ps 201	<i>Educational Psychology</i>	3
Com 101	Fundamentals of Speech	3		Applied Secondary - Piano ¹	1
	Applied Secondary - Piano ¹	1		English Composition	3
	English Composition	3		Freshman Voice	1
	Freshman Voice	1		TOTAL	18
	Instrument Class Elective²	1			
	TOTAL	18			

Second Year

Hi 101	History of Civ c. 3500 BC to AD 1650	3	Sc 200	Essential Science	3
Bi 230	Hermeneutics	2	MT 206	Theory IV	4
Ar 225	Appreciation of Art	2	ME 219	Guitar Class	1
MT 205	Theory III	4	ME 307	Elementary School Music	2
ME 201	Intro to Tech in Music Ed	2		200-level Bible Elective ³	1
	Applied Secondary - Piano ¹	1		Applied Secondary - Piano ⁴	1
	Instrument Class Elective ²	1		English Literature or Writing Elec	3
	Sophomore Voice	1		Instrument Class Elective ²	1
	TOTAL	16		Sophomore Voice	1
				TOTAL	17

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Mu 303	History of Music I	2	Mu 304	History of Music II	2
MT 301	Elements of Conducting	1	MT 302	Choral Conducting	2
MT 502	Choral Composition	2	Com 205	Classroom Communication	3
ME 301	Voice Methods for Choral Directors	2	SE 331	<i>Practicum: Grades 9–12</i>	3
ME 308	Secondary School Music	2	SE 401	<i>Teaching Techniques (9–12)</i>	1
ME 522	Music for Exceptional Learners	2	ME 402	Choral Director Methods	2
	Instrument Class Elective ²	1		Junior Voice	1
	Junior Voice	1		TOTAL	17
	Voice Pedagogy Elective ⁵	2			
	TOTAL	18			

Fourth Year

Bi 499	Apologetics & Worldview	3	Bi 500	Teaching Bible Principles	2
Mu 305	History of Music III	3	SE 499	<i>Clinical Practice (9–12)</i>	9
ME 202	Notation in Music Technology I	2		<i>Assessment (Pre-K–6 or 5–12)</i> ⁶	2
	<i>Adolescent or Child Psychology</i>	3		<i>Classroom Management</i> ⁷	2
	Found Economics/Themes West Thought	3		TOTAL	15
	Senior Voice	2			
	TOTAL	16			

¹ Voice principals must elect piano until the secondary piano examination is passed. Students who pass the secondary piano examination prior to the fourth semester must replace these credits with music electives.

² Four credits of class instruction must be taken on the various orchestral instruments and the corresponding corequisite of Lab Orchestra or Lab Band. Only one instrument class may be taken per semester from the following courses: 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 and ME 217 Percussion Methods. The following courses may be taken with approval of the department head: ME 312 Double Reed Class, ME 313 Saxophone Class, ME 314 Euphonium/Tuba Class and ME 315 Horn Class.

³ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Voice principals must elect piano until the secondary piano examination is passed. Students who pass the secondary piano examination prior to the fourth semester must replace these credits with music electives.

⁵ Two credits must be taken from the following courses: Vo 400 Voice Pedagogy I and Vo 401 Voice Pedagogy II.

⁶ Two credits must be taken from the following courses: Ed 562 Assessment (Pre-K–6) and Ed 563 Assessment (5–12).

⁷ Two credits must be taken from the following courses: EE 550 Classroom Management, MSE 550 Classroom Management and SE 550 Classroom Management.

• During the third year, students will make application to do Clinical Practice during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Clinical Practice.

• During the semester of Clinical Practice, students will register for six credits of coursework on a special two-week block schedule that will be followed by 13 weeks of Clinical Practice.

Department of Science Education

BRENDA SUE BALL, EdD, *Department Head*

The Department offers majors in Biology Education and Composite Science Education. Courses for the majors are offered in the various departments from the Division of Natural Science of the College of Arts and Science.

Bachelor of Science Degree, Science Education Major

The Science Education program endeavors to prepare students to become science teachers in grades 9–12 in the sciences. 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.
- Lead their students in thinking scientifically as they study the nature of science in this physical world along with the limitations of science.
- 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.

(Biology)

First Year

Uni 101	Freshman Seminar	1	Bio 101	General Biology II	4
Bio 100	General Biology I	4	Ma 210	Elementary Statistics	3
Bi 105	Old Testament Messages	1	Hi 102	History of Civilization since 1650	3
Com 101	Fundamentals of Speech	3	Bi 109	New Testament Messages	1
Ed 100	<i>Introduction to Education</i>	3	FA 125	Introduction to the Arts	1
	English Composition	3	Com 205	Classroom Communication	3
	TOTAL	15		English Composition	3
				TOTAL	18

Second Year

Ph 200	Themes in Western Thought	3	Bio 209	Organismal Biology II	4
Bio 208	Organismal Biology I	4	Chm 104	General Chemistry II	4
Chm 103	General Chemistry I	4	Bi 230	Hermeneutics	2
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Ps 302	<i>Adolescent Psychology</i>	3
Ps 201	<i>Educational Psychology</i>	3		English Literature or Writing Elec	3
	200-level Bible Elective ¹	1		TOTAL	16
	TOTAL	18			

Third Year

Bio 202	Essentials of Cell Biology	4	Bio 210	Research Methods & Analysis	1
Bio 300	Evolution & Origins	3	Bio 303	Human Anatomy & Physiology I	4
SSS 305	Science: Impact on Society	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	Ed 301	<i>Technology in the Classroom</i>	2
Ed 300	<i>Foundations in Instructional Tech</i>	2	SE 321	<i>Teaching Natural Science (9–12)</i>	3
Ps 305	<i>Introduction to Exceptional Learners</i>	3	SE 331	<i>Practicum: Grades 9–12</i>	3
	TOTAL	18	SE 401	<i>Teaching Techniques (9–12)</i>	1
				TOTAL	17

Fourth Year

Bi 500	Teaching Bible Principles	2	Bio 215	Plant Physiology	4
Ed 563	<i>Assessment (5–12)</i>	2	Bio 322	Bacteriology & Virology	4
SE 499	<i>Clinical Practice (9–12)</i>	9	SSE 200	Foundations of Economics	3
SE 550	<i>Classroom Management</i>	2	Bi 499	Apologetics & Worldview	3
	TOTAL	15		Fine Arts Appreciation Elective ²	2
				TOTAL	16

¹ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

- During the third year, students will make application to do Clinical Practice during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Clinical Practice.
- During the semester of Clinical Practice, students will register for 6 credits of coursework on a special two-week block schedule that will be followed by 13 weeks of Clinical Practice.

(Composite Science)

First Year

Uni 101	Freshman Seminar	1	Sc 207	General Geology	3
Bio 100	General Biology I	4	Bio 101	General Biology II	4
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Ma 210	Elementary Statistics	3
Bi 105	Old Testament Messages	1	Hi 102	History of Civilization since 1650	3
Com 101	Fundamentals of Speech	3	Bi 109	New Testament Messages	1
Ed 100	<i>Introduction to Education</i>	3	FA 125	Introduction to the Arts	1
	English Composition	3		English Composition	3
	TOTAL	18		TOTAL	18

Second Year

Ph 200	Themes in Western Thought	3	Bio 203	Biological Diversity	4
Chm 103	General Chemistry I	4	Chm 104	General Chemistry II	4
Phy 101	Introductory Physics	4	Phy 102	Intermediate Physics	5
Com 205	Classroom Communication	3	Bi 230	Hermeneutics	2
	200-level Bible Elective ¹	1	Ps 201	<i>Educational Psychology</i>	3
	English Literature or Writing Elec.	3		TOTAL	18
	TOTAL	18			

Third Year

Bio 300	Evolution & Origins	3	Bio 210	Research Methods & Analysis	1
SSE 200	Foundations of Economics	3	Chm 106	Bio-Organic Chemistry I	4
SSS 305	Science: Impact on Society	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	Ed 301	<i>Technology in the Classroom</i>	2
Ed 300	<i>Foundations in Instructional Tech</i>	2	SE 321	<i>Teaching Natural Science (9–12)</i>	3
	Fine Arts Appreciation Elective ²	2	SE 331	<i>Practicum: Grades 9–12</i>	3
	TOTAL	16	SE 401	<i>Teaching Techniques (9–12)</i>	1
				TOTAL	17

Fourth Year

Bi 500	Teaching Bible Principles	2	Bi 499	Apologetics & Worldview	3
Ed 563	<i>Assessment (5–12)</i>	2	Ps 302	Adolescent Psychology	3
SE 499	<i>Clinical Practice (9–12)</i>	9	Ps 305	<i>Introduction to Exceptional Learners</i>	3
SE 550	<i>Classroom Management</i>	2		Astronomy Elective ³	3
	TOTAL	15		Biology/Chemistry Elective	4
				TOTAL	16

¹ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

³ Three credits must be taken from the following courses: As 150 Solar System Astronomy and As 151 Stellar & Galactic Astronomy.

- During the third year, students will make application to do Clinical Practice during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Clinical Practice.
- During the semester of Clinical Practice, students will register for 6 credits of coursework on a special two-week block schedule that will be followed by 13 weeks of Clinical Practice.

Department of Social Studies Education

SONIA LEIGH JOHNSON, EdD, *Department Head*

The Department offers a major in Composite Social Studies Education. Courses for the major are offered in the various departments from the Division of Social Science of the College of Arts and Science.

Bachelor of Science Degree, Composite Social Studies Education Major

In conjunction with the School of Education's commitment to building Christlike character, the 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 ...

- Apply knowledge of research-driven strategies through teaching lessons to have a positive effect on student learning.
- Create content-based learning that is global in scope and addresses various learning styles, ability levels and diversity among young adolescent learners.
- Use cutting-edge technology to enhance learning across the curriculum.

First Year

Uni 101	Freshman Seminar	1	Sc 200	Essential Science	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Hi 102	History of Civilization since 1650	3
SSG 200	Fundamentals of Geography	3	SSP 207	National Government	3
Bi 105	Old Testament Messages	1	Bi 109	New Testament Messages	1
Com 101	Fundamentals of Speech	3	FA 125	Introduction to the Arts	1
Ed 100	Introduction to Education	3		English Composition	3
	English Composition	3		Science, Math, or Comp Sci ¹	3
	TOTAL	17		TOTAL	17

Second Year

Hi 201	United States History 1492 to 1877	3	Ph 200	Themes in Western Thought	3
SSE 200	Foundations of Economics	3	Hi 202	United States History since 1877	3
Bi 230	Hermeneutics	2	Com 205	Classroom Communication	3
	English Literature or Writing Elec.	3	Ps 201	Educational Psychology	3
	Social Studies Elective	3		200-level Bible Elective ²	1
	Social Studies Elective	3		Social Studies Elective	3
	TOTAL	17		TOTAL	16

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Ed 300	Foundations in Instructional Tech	2	Ed 301	Technology in the Classroom	2
	History Elective ³	3	SE 317	Teaching Social Studies (9–12)	3
	History Elective ³	3	SE 331	Practicum: Grades 9–12	3
	IntroSociology/Cultural Anthropology	3	SE 401	Teaching Techniques (9–12)	1
	Social Studies Elective	3		History Elective ⁴	3
	TOTAL	17		Social Studies Elective	3
				TOTAL	18

Fourth Year

Bi 500	Teaching Bible Principles	2	Bi 499	Apologetics & Worldview	3
Ed 563	Assessment (5–12)	2	Ps 302	Adolescent Psychology	3
SE 499	Clinical Practice (9–12)	9	Ps 305	Introduction to Exceptional Learners	3
SE 550	Classroom Management	2		Fine Arts Appreciation Elective ⁵	2
	TOTAL	15		History Elective ⁴	3
				Social Studies Elective	3
				TOTAL	17

¹ Placement to be determined by math ACT score.

² One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ The following courses are recommended: Hi 431 History of Asia, Hi 432 History of Asia, Hi 442 History of Latin America, Hi 509 The Middle East, and Hi 510 Africa.

⁴ The following courses are recommended: Hi 431 History of Asia, Hi 432 History of Asia, Hi 442 History of Latin America, Hi 509 The Middle East and Hi 510 Africa.

⁵ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

- During the third year, students will make application to do Clinical Practice during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Clinical Practice.
- During the semester of Clinical Practice, students will register for six credits of course work on a special two-week block schedule that will be followed by 13 weeks of Clinical Practice.

Department of Special Education

MARLENE LOUISE REED, MS, *Department Head*

The Department offers a comprehensive major in Special Education. The coursework in this department is designed to meet Special Education/Multi-categorical certification requirements in South Carolina for teaching in public schools. This program is also available on a non-certification track for those who plan to teach in private schools where state certification/licensure is not required.

Bachelor of Science Degree, Special Education Major

In conjunction with the Teacher Education Division's commitment to prepare Christian educators to be models of learning and life, the Department of Special Education provides initial preparation in teaching Pre-K–12th grade students with mild to moderate disabilities in general and special education settings. Program coursework focuses on foundations and legal aspects of the profession, characteristics of the learner, learning/language differences and identification of mildly–moderately disabled learners (i.e., primarily attention deficit/hyperactivity disorders, emotional disabilities, learning disabilities and intellectual development disabilities), procedures for special education planning, teaching strategies, implementing behavior management strategies in learning environments, professional and ethical practices, and collaboration. The Special Education major requires 54 credits in the major.

Program Learning Outcomes

The student will ...

- Create individualized plans for students with mild to moderate disabilities that are anchored in state/national and/or common core curriculum standards and reflect remedial skills specific to the individualized education program (IEP).
- Administer appropriate types of assessment to pinpoint strengths and weaknesses of students with mild to moderate disabilities.
- Collaborate with families of students mild to moderate disabilities and/or professionals in designing and planning instruction and/or in delivering effective special education programs.

First Year

Uni 101	Freshman Seminar	1	Sc 103	Biological Science	4
Sc 105	Physical Science	4	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	FA 125	Introduction to the Arts	1
Com 101	Fundamentals of Speech	3	Com 205	Classroom Communication	3
Ed 100	<i>Introduction to Education</i>	3		English Composition	3
	English Composition	3		Fine Arts Appreciation Elective ¹	2
	TOTAL	18		TOTAL	17

Second Year

Ph 200	Themes in Western Thought	3	Ma 110	Foundations of Math for Teachers	3
Ma 109	Essential Mathematics for Teachers	3	Exc 206	Intro to Communicative Disorders	3
Bi 230	Hermeneutics	2	Exc 311	Characteristics: Emot. Disabilities	3
Exc 205	Introduction to Exceptional Learners	3	Exc 323	Educational Procedures: Mild Disab.	3
Ps 201	<i>Educational Psychology</i>	3	Exc 332	SPED Practicum: Beginning	2
	English Literature or Writing Elec.	3	Ps 300	<i>Child Psychology</i>	3
	TOTAL	17		200-level Bible Elective ²	1
				TOTAL	18

Third Year

Bi 401	Bible Doctrines	3	SSE 200	Foundations of Economics	3
Ed 300	<i>Foundations in Instructional Tech</i>	2	Bi 402	Bible Doctrines	3
EE 302	<i>Teaching Reading (2-6)</i>	3	Ed 301	<i>Technology in the Classroom</i>	2
Exc 322	Materials & Methods: Mild Disab	3	Exc 312	Characteristics: Learn. Disabilities	3
Exc 333	SPED Practicum: Intermediate	2	Exc 334	SPED Practicum: Advanced	2
Exc 359	Assessment in Special Education	3	Exc 453	Behavior Management	3
	TOTAL	16		<i>Teaching Techniques</i> ³	1
				TOTAL	17

Fourth Year

Bi 499	Apologetics & Worldview	3	Bi 500	Teaching Bible Principles	2
Exc 313	Char: Intell & Devl Disabilities	3	Exc 410	Family, Comm & Sch Collaboration	3
Exc 401	Language Disorders in Children	3	Exc 499	Clinical Practice: SPED	9
Exc 408	Prescriptive Reading Practicum	3		TOTAL	14
Exc 451	Teaching Math: Mild Disabilities	3			
	TOTAL	15			

¹ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

² One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Students choose from the following courses depending on the grade levels of interest: EE 401 Teaching Techniques (Pre-K-6), MSE 401 Teaching Techniques (5-8) and SE 401 Teaching Techniques (9-12).

· During the third year, students will make application to do Clinical Practice during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Clinical Practice.

· During the semester of Clinical Practice, students will register for five credits of coursework on a special two-week block schedule that will be followed by 13 weeks of Clinical Practice.

DIVISION OF PHYSICAL EDUCATION AND EXERCISE SCIENCE

BRIAN ALAN CARRUTHERS, EdD, *Chairman*

The Division of Physical Education and Exercise Science of the School of Education offers a major in Health, Fitness and Recreation and a minor in Coaching. Courses in the division are offered for students who desire knowledge and skills in health, physical education, fitness and recreation. 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 health, physical education, fitness, recreation 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 HPE 205, HPE 206, HPE 311, HPE 312, HPE 316, HPE 317, HPE 421 or 422 and five credits of electives with an HPE prefix.

Bachelor of Science Degree, Health, Fitness and Recreation Major

The Bachelor of Science Degree in Health, Fitness and Recreation provides courses in Bible, liberal arts and 47 credits in courses related to health, fitness and recreation that prepare students for careers in the fitness and recreational industry. This degree supports the University's goal to build Christlike character.

Program Learning Outcomes

The student will ...

- Articulate an understanding of health, fitness and sport performance as it relates to the physiological, social and psychological responses and adaptations to exercise and physical activity.
- Implement effective instructional strategies applicable to health, fitness and sport.
- Administer accurate health and fitness assessments using appropriate techniques for a variety of populations.
- Implement safe and effective individualized and group exercise programs for a variety of populations.
- Administer a biblical philosophy in health, fitness, recreational and sport programs which meet the needs of all participants.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization since 1650	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	FA 125	Introduction to the Arts	1
HPE 106	Wellness Concepts	2	Com 101	Fundamentals of Speech	3
HPE 205	Found Exercise Science & Sport	3	HPE 207	Introduction to Recreation	2
	English Composition	3		English Composition	3
	Mathematics or Computer Science	3		Minor or Electives	1
	TOTAL	16		TOTAL	14

Second Year

Bio 102	Principles of Biology	4	Ph 200	Themes in Western Thought	3
SSE 200	Foundations of Economics	3	FN 260	Nutrition	3
Bi 230	Hermeneutics	2	HPE 208	Teaching Racquet Sports	1
HPE 211	Teaching Conditioning	1	HPE 312	Prevention/Care of Athletic Injuries	1
Ps 203	Human Growth & Development	3		200-level Bible Elective ¹	1
	Coaching Elective²	2		Coaching Elective²	2
	English Literature or Writing Elec.	3		Fine Arts Appreciation Elective ³	2
	TOTAL	18		HPE Elective⁴	1
				Minor or Electives	2
				TOTAL	16

Third Year

Bi 401	Bible Doctrines	3	Bio 303	Human Anatomy & Physiology I	4
Com 410	Oral Communication for the Prof.	3	Bi 402	Bible Doctrines	3
HPE 311	First Responder	3	HPE 317	Coaching Practicum	1
HPE 316	ASEP Coaching Principles	1	HPE 318	Outdoor Pursuits	2
HPE 405	Teaching Health & Physical Education	3	HPE 403	Therapeutic Recreation	2
HPE 423	Motor Learning	2	Ps 305	Introduction to Exceptional Learners	3
	Minor or Electives	1		Officiating⁵	1
	TOTAL	16		TOTAL	16

Fourth Year

HPE 406	Group Exercise Internship	1	Bi 499	Apologetics & Worldview	3
HPE 421	Kinesiology	3	CMn 203	Youth Work	2
	HPE Elective⁴	2	HPE 407	Personal Training Internship	1
	HPE Elective⁴	2	HPE 422	Physiology of Exercise	3
	Upper-Level Bible Elective ⁶	2		HPE Elective⁴	2
	Minor or Electives	6		HPE Elective⁴	2
	TOTAL	16		Minor or Electives	3
				TOTAL	16

¹ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Four credits must be taken from the following courses: HPE 301 Coaching Basketball, HPE 302 Coaching Baseball, HPE 313 Coaching Soccer, HPE 319 Coaching Volleyball and HPE 320 Coaching Softball.

³ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

⁴ Nine credits must be taken with an HPE prefix.

⁵ One credit must be taken from the following courses: HPE 400 Officiating Volleyball/Soccer and HPE 401 Officiate B'ball/Baseball/Softball.

⁶ Two credits must be taken with a Bi prefix on the 300–500 level.

· HPE 412 Internship in Recreation is recommended during the summer between the third and fourth years.

· HPE 316 ASEP Coaching Principles and HPE 317 Coaching Practicum are recommended during the junior year.

DIVISION OF PSYCHOLOGY

GREGORY JOSEPH MAZAK, PhD, *Chairman*

The Division of Psychology of the School of Education offers a major in Biblical Counseling and minors in Counseling and Psychology. The Counseling major and minor are not intended to prepare students for certification or licensure by any government or private credentialing agency. The Counseling minor is open to students in all schools except students with majors in the Division of Elementary and Secondary Education of the School of Education. The minor in psychology is open to students in all schools except the School of Religion.

The Division offers courses for students who must complete the general degree requirements in psychology and as general preparation for advanced study at the graduate level. Courses are also available as general electives.

Purpose

In support of the University's commitment to building Christlike character, the Division of Psychology exists to prepare Christian students to assist believers in their progressive sanctification through the ministry of God's sufficient Word, as well as being able to critique the various fields of psychology from a Christian world view. It provides a Bachelor of Arts Degree in Biblical Counseling, a Counseling Minor and a Psychology Minor to accomplish these goals.

Goals

The student will ...

- Articulate knowledge of the core content and methodologies which are foundational to the discipline of psychology.
- Critique the core content and methodologies of psychology from a distinctly Christian world view.
- Apply a biblical counseling paradigm to personal problems.

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 for a *Bachelor of Science* degree consists of Ps 341, Ps 342, Ps 402, Ps 501 and six credits of electives with a Ps prefix.

Psychology Minor

The Psychology minor provides an introduction to the field of psychology and offers a biblical critique of it.

A minor in Psychology consists of Ps 200 and 15 credits of electives with a Ps prefix. Note: Education majors will substitute the Ps 200 requirement with an elective with a Ps prefix.

Bachelor of Arts Degree, Biblical Counseling Major

In support of the University's commitment to building Christlike character, the Biblical Counseling Major provides preparation for services in Christian counseling. It offers instruction in biblical counseling, philosophy, psychology, professional education and communication. The required equivalent of a Bible minor establishes the appropriate foundation and perspective for this program which also prepares students for graduate study in psychology or counseling. This program prescribes 59 credits in counseling/psychology and Bible.

Program Learning Outcomes

The student will ...

- Implement basic principles of research for studying psychological topics.
- Critique psychological theories from a biblical worldview.
- Articulate how biblical counseling is rooted in the doctrines of sufficiency and progressive sanctification, differing from secular and integrational counseling.
- Apply a biblical counseling methodology to personal problems.

First Year

Uni 101	Freshman Seminar	1	Sc 200	Essential Science	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Hi 102	History of Civilization since 1650	3
Bi 105	Old Testament Messages	1	Bi 109	New Testament Messages	1
Com 101	Fundamentals of Speech	3	FA 125	Introduction to the Arts	1
Ps 341	Fundamentals of Counseling	3	Ps 342	Practice of Counseling	3
	English Composition	3		English Composition	3
	Electives	2		Fine Arts Appreciation Elective ¹	2
	TOTAL	16		TOTAL	16

Second Year

SSE 200	Foundations of Economics	3	Ph 200	Themes in Western Thought	3
Bi 230	Hermeneutics	2	Bi 220	The Life & Ministry of Christ	1
Ps 200	General Psychology	3	Ps 201	Educational Psychology	3
	200-level Bible Elective²	1	Ps 202	Experimental Psychology	3
	English Literature or Writing Elec.	3		200-level Bible Elective²	1
	Foreign Language	3		Foreign Language	3
	Electives	1		Electives	2
	TOTAL	16		TOTAL	16

Third Year

Bi 401	Bible Doctrines	3	Ph 402	Ethics	3
Com 410	Oral Communication for the Prof.	3	Bi 310	Biblical Church Ministry	2
Ps 450	Abnormal Psychology	3	Bi 402	Bible Doctrines	3
	Adolescent or Child Psychology	3	Ps 402	Clinical Psychology	3
	Foreign Language	3		Foreign Language	3
	Electives	1		Electives	2
	TOTAL	16		TOTAL	16

Fourth Year

Bi 350	Studies in Old Testament Poetry	2	Bi 430	Foundations For Biblical Lifestyle	2
Bi 380	Studies in the General Epistles	2	Bi 499	Apologetics & Worldview	3
	Counseling Men or Counseling Women	3	Ps 403	Social Psychology	3
	Science, Math, or Comp Sci	3	Ps 431	Biblical Family Foundations	3
	Upper-Level Bible Elective	2		Electives	5
	Electives	4		TOTAL	16
	TOTAL	16			

¹ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

² Two credits must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

• Recommended Electives: CMn 203, CMn 204, CMn 304, or CMn 501. Women students may elect CMn 320 or CMn 401.

• Ps 411 Counseling Practicum is available upon approval of the dean.



School of Business
Michael R. Buiter, MBA
Dean

GENERAL INFORMATION

Purpose

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 their business communication skills.
- Creatively analyze and solve business problems, often incorporating teamwork.
- Assess business issues from a biblical worldview.

Divisions and Departments

The School of Business is organized into two divisions:

- I. **Division of Accounting**
- II. **Division of Management**

DEGREES OFFERED

Undergraduate Degrees

The *Associate of Science* degree with majors in Business and Culinary Arts.

The *Bachelor of Science* degree with majors in Accounting and Business Administration.

Gainful Employment

For graduation rates, the median debt of students who completed the program and other important information, visit go.bju.edu/rates.

DIVISION OF ACCOUNTING

KRIS ROWLAND MARTIN, PhD, *Chairman*

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.

Bachelor of Science Degree, Accounting Major

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.

An internship program, coordinated by the division chairman, 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. Students doing an accounting internship during the semester in the Greenville area will register for a block schedule with the internship during the first half of the semester and specific business and Bible classes during the second half of the semester. Students desiring to do a summer internship will not take the block schedule. Many of the summer internships in the past have been secured directly by the students in hometown settings. Students may substitute general electives for the internship credits.

The faculty of the Division of Accounting strongly encourages each student to become a Certified Public Accountant (CPA), which in South Carolina, for example, is essentially a three-step process. First, a candidate must take and pass the Uniform CPA Examination. A candidate may apply to take the Exam once he or she has completed at least 120 credits including specific required courses. If a student follows the suggested schedule shown below, he or she 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.

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 ...

- Assess financial principles and techniques used in business settings to make decisions.
- Conduct critical analysis when approaching business situations, effectively employing teamwork and using appropriate communication skills.
- Weigh decisions from an ethical perspective based on a biblical worldview.

First Year

Uni 101	Freshman Seminar.....	1	Hi 102	History of Civilization since 1650.....	3
Hi 101	History of Civ c. 3500 BC to AD 1650.....	3	Bi 109	New Testament Messages.....	1
Bi 105	Old Testament Messages.....	1	Com 101	Fundamentals of Speech.....	3
FA 125	Introduction to the Arts.....	1	Ac 102	Principles of Accounting II ¹	3
Ac 101	Principles of Accounting I ²	3	Ac 205	Accounting Software	3
BA 309	Business Software.....	3		English Composition.....	3
	English Composition.....	3		TOTAL	16
	TOTAL	15			

Second Year

Ma 108	Mathematics of Finance.....	3	SSE 210	Economics for the Professional.....	3
SSE 200	Foundations of Economics.....	3	Com 410	Oral Communication for the Prof.....	3
Bi 230	Hermeneutics.....	2	Ac 306	Intermediate Accounting II	3
Ac 305	Intermediate Accounting I	3	Ac 310	Accounting Information Systems	3
BA 203	Principles of Management.....	3	Mkt 205	Principles of Marketing.....	3
	English Literature or Writing Elec.....	3		200-level Bible Elective ³	1
	TOTAL	17		TOTAL	16

Third Year

Ph 200	Themes in Western Thought	3	Bi 402	Bible Doctrines	3
Sc 200	Essential Science.	3	BA 404	Business Statistics	3
Bi 401	Bible Doctrines.	3		Accounting Elective	3
Ac 400	Auditing	3		Business Elective	3
Ac 401	Taxation I	3		Minor or Electives	3
	Fine Arts Appreciation Elective ⁴	2		TOTAL	15
	TOTAL	17			

Fourth Year

Bi 499	Apologetics & Worldview	3	Ac 405	Financial Statement Analysis	3
Ps 200	General Psychology	3	BA 418	Management Policies	3
Ac 402	Advanced Accounting I	3		Accounting Elective	3
	Managerial Accounting I	3		Finance Elective ⁵	3
BA 301	Legal Environ. & Ethics of Bus.	3		Upper-Level Bible Elective ⁶	2
	Minor or Electives	1		Minor or Electives	2
	TOTAL	16		TOTAL	16

¹ Prerequisite: Must have a C- or greater in Ac 101.

² Based upon the student's Math ACT score, the following prerequisites are required prior to enrolling in Ac 101. The student with an ACT score less than 18 must take and pass Ma 101 and Ma 102; the student with an ACT score of 18-19 must take and pass Ma 102. There are no prerequisites required for an ACT above 19. (Note: A student passing the Math Placement Test has no prerequisites.)

³ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

⁵ Three credits must be taken in one of the following courses: Fin 305 Money & Banking, Fin 402 Financial Theory & Application, Fin 404 Advanced Financial Management and Fin 405 Investment Portfolio Management.

⁶ Two credits must be taken with a Bi prefix on the 300-500 level.

• Students may replace 6 credits of general electives with Ac 450 Accounting Internship. 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 and Bible classes during the second half of the semester. Students desiring to do a summer internship will not take the block schedule.

• Recommended minor: English.

DIVISION OF MANAGEMENT

ROBERT S. HUCKS, MBA, *Chairman*

The Division of Management exists to cultivate Christlikeness in the business leaders of tomorrow through instruction that integrates a Christian 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.

Internships are available for qualified students.

Goals

Students will . . .

- Model Christlike behavior in and out of the classroom 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.

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 integrations of business disciplines and the essential skills to be successful within those disciplines.

A minor in Business consists of Ac 101, Mkt 205 and 12 credits of business electives. Recommended electives: HR 215, Fin 201, BA 309, BA 330 or BA 406.

Associate of Science Degree, Business Major

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 resource management. The graduate will be prepared to be an effective, Christlike business person for a wide range of business and ministry opportunities.

Program Learning Outcomes

The student will ...

- Apply a Christian 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 resource management.
- Demonstrate general office administration skills.

First Year

Uni 101	Freshman Seminar	1	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Com 101	Fundamentals of Speech	3
FA 125	Introduction to the Arts	1	Ac 205	Accounting Software	3
Ac 100	Basic Accounting	4	BA 203	Principles of Management	3
BA 101	Introduction to Business	3	BA 309	Business Software	3
	English	3		English	3
	Mathematics	3		TOTAL	16
	TOTAL	16			

Second Year

SSE 200	Foundations of Economics	3	Bi 302	Christian Doctrines	3
Bi 301	Christian Doctrines	3	BA 210	Global Business	3
HR 215	Intro to Human Resources Management	3	BA 220	Home-Based Business Strategies	3
Mkt 205	Principles of Marketing	3	Fin 202	Small Business Finance	3
	Electives	4		Electives	4
	TOTAL	16		TOTAL	16

Associate of Science Degree, Culinary Arts Major

An Associate of Science degree in Culinary Arts candidate 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 will earn industry recognized certifications. This program supports the University's goal to build Christlike character to be exemplified in the food service industry.

Program Learning Outcomes

The student will ...

- Apply basic food, sanitation and nutrition knowledge.
- Execute basic meal planning and food preparation routines.
- Analyze and interpret basic restaurant operations and costing within the food service industry.
- Evaluate work scenarios where Christlike character is demonstrated.

First Year

Uni 101	Freshman Seminar	1	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	TCA 116	Food Service Sanitation & Nutrition	3
Com 101	Fundamentals of Speech	3	TCA 118	Food Service	3
TCA 101	Basic Food Knowledge	3	TCA 125	Desserts & Pastries	3
TCA 102	Cooking Methods	3		English	3
TCA 104	Introductory Bakeshop	3		Mathematics	3
	English	3		TOTAL	16
	TOTAL	17			

Second Year

Bi 301	Christian Doctrines	3	Bi 302	Christian Doctrines	3
FA 125	Introduction to the Arts	1	TCA 202	Garde Manger	2
BA 101	Introduction to Business	3	TCA 203	Fine Dining	4
TCA 201	Practical Catering	3	TCA 216	Food Purchasing & Menu Planning	3
TCA 205	Food Service Management	3	TCA 225	Recipe Costing & Menu Analysis	3
TCA 211	Culinary Arts Practicum	3		TOTAL	15
	TOTAL	16			

Bachelor of Science Degree, Business Administration Major

The Business Administration major provides thorough instruction in accounting, finance, 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.

Program Learning Outcomes

The student will ...

- Critically analyze current and best business practices based on an understanding of business principles, research findings and biblical standards.
- Apply specific business knowledge and strategic thinking to decision-making, taking into account differing perspectives, competing goals and the expected impact on the individuals being served.
- Communicate effectively in both written and oral forms.
- Practice and apply Christ-honoring interpersonal skills while involved in groups.
- Assess the implications of globalization in business from a biblical worldview.
- Conduct himself in both academic and business environments in ways that reflect Christlike character, that is scripturally disciplined, others serving, God-loving, Christ-proclaiming and focused above.

First Year

Uni 101	Freshman Seminar	1	Ma 108	Mathematics of Finance ¹	3
Hi 101	History of Civ c. 3500 BC to AD 1650	3	Hi 102	History of Civilization since 1650	3
Bi 105	Old Testament Messages	1	Bi 109	New Testament Messages	1
FA 125	Introduction to the Arts	1	BA 203	Principles of Management	3
Com 101	Fundamentals of Speech	3	HR 215	Intro to Human Resources Management	3
BA 101	Introduction to Business	3		English Composition	3
	English Composition	3		Fine Arts Appreciation Elective ²	2
	TOTAL	15		TOTAL	18

Second Year

Ph 200	Themes in Western Thought	3	Sc 200	Essential Science	3
SSE 200	Foundations of Economics	3	SSE 210	Economics for the Professional	3
Ac 101	Principles of Accounting I ³	3	Bi 230	Hermeneutics	2
Mkt 205	Principles of Marketing	3	Ac 102	Principles of Accounting II	3
	200-level Bible Elective ⁴	1	Fin 201	Corporate Finance	3
	English Literature or Writing Elec.	3		Minor or Electives	1
	TOTAL	16		TOTAL	15

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Com 303	Organizational Communication	3	BA 210	Global Business	3
BA 301	Legal Environ. & Ethics of Bus.	3	BA 330	Supply Chain Management	3
BA 309	Business Software	3	BA 404	Business Statistics	3
	Minor or Electives	4		Minor or Electives	4
	TOTAL	16		TOTAL	16

Fourth Year

Bi 499	Apologetics & Worldview	3	Com 410	Oral Communication for the Prof.	3
BA 406	Entrepreneurship	3	BA 418	Management Policies	3
	Philosophy or Psychology	3		Upper-Level Bible Elective ⁵	2
	Minor or Electives	7		Minor or Electives	8
	TOTAL	16		TOTAL	16

¹ Students may substitute Ma 180 Introduction to Calculus, recommended for those considering graduate school.

² Two credits must be taken from the following: Ar 225 Appreciation of Art, Mu 225 Appreciation of Music and ThA 225 Appreciation of Theatre & Film.

³ Based upon the student's Math ACT score, the following prerequisites are required prior to enrolling in Ac 101. The student with an ACT score less than 18 must take and pass Ma 101 and Ma 102; the student with an ACT score of 18–19 must take and pass Ma 102. There are no prerequisites required for an ACT above 19. (Note: A student passing the Math Placement Test has no prerequisites.)

⁴ One credit must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁵ Two credits must be taken with a Bi prefix on the 300–500 level.



Courses of Instruction

COURSES OF INSTRUCTION

Course Credit

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

Credit is given in semester hours, each semester hour representing 16 hours of class work or a minimum of 32 hours of laboratory work. Therefore, a class that meets for class work three hours a week and for laboratory work a minimum of two hours per week will give four semester hours of credit.

Distance Learning Courses

The Center for Distance Learning is a division within the University which offers a wide variety of undergraduate and graduate courses taught by BJU faculty Online. Courses available are indicated by Distance Learning.

COLLEGE OF ARTS AND SCIENCE

Bridge to College English

ESL 090—ESL English.

This course is an 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, zero credit.*

ESL 091—Bible Preparation.

Conversation and Study Skills
Oral practice with everyday topics while incorporating vocabulary, prefixes, idioms, proverbs and pronunciation. Study methods and reinforcement of New Testament Messages lectures. *Required in the Bridge to College English program. First semester, zero credit.*

University

Uni 091 Jumpstart Your College Success.

This 4-week course enables students to start their college career in a supportive environment. This course will guide students as they develop and fine-tune the abilities needed for a smooth transition to college life. Topics for this course include: 1) Surviving the First Days of Class, 2) Starting Off Right: The ABC's to College Success; 3) Keys to Comprehending & Remembering What You Read; 4) Learning to Study Effectively. This course is open to all students and may be repeated. *Both semesters, zero credit.*

Uni 092—Academic Coaching.

The course is designed to provide proactive assistance for at-risk students during their initial semester as Bachelor to Associate placement. The purpose of this requirement is to provide weekly accountability and to put together a plan for success by focusing on the individual's academic strengths and weaknesses. Students will be encouraged to seek assistance as well as updates on current progress from their professors. *Both semesters, zero credit.*

Uni 093—Academic Management Seminar.

This course is designed to provide students with resources, techniques and information to enhance their college success. General class instruction along

with individualized academic coaching is used to help students meet their academic goals. *Both semesters, zero credit.*

Uni 101—Freshman Seminar.

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. Both semesters, one credit.*

DIVISION OF ENGLISH LANGUAGE AND LITERATURE

Department of Creative Writing and English

Creative Writing

CW 212—Creative Writing.

Principles and techniques of imaginative (non-informational and non-argumentative) writing, with an emphasis on fiction. *Both semesters, three credits. Prerequisite: En 103.*

CW 411—Short Story Writing.

Principles and techniques of writing short stories. *First semester, three credits. Prerequisite: CW 212.*

CW 412—Novel Writing.

Principles and techniques of writing novels. *Three credits. Prerequisite: CW 411.*

CW 413—Script Writing.

Principles and techniques of writing or adapting a full-length dramatic script for radio, television, screen or stage. *First semester, three credits. Prerequisite: CW 212 or ThA 317.*

CW 414—Poetry Writing.

Principles and techniques of poetry composition. *Second semester, three credits. Prerequisite: CW 212.*

CW 415—Writing for Children.

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. *First semester, three credits. Prerequisite: CW 212.*

CW 417—Playwriting.

Foundations of playwriting with lab work in monologue, scenes and one-act plays. *Identical to ThA 317. Second semester, three credits. Prerequisite: CW 212, ThA 105 or ThA 225.*

CW 499—Creative Writing Internship.

Supervised writing experience. Available to senior Creative Writing majors who have demonstrated a high level of writing competence. Place of internship dependent on program emphasis. *Three credits.*

English**En 100—Introduction to College English.**

Basics of sentence structure, including parts of speech, sentence patterns, phrases and clauses. Emphasis on effective paragraph construction. *Required of students with English ACT score 14 or below. Not open to those with English ACT score 15 or above. Not applicable toward baccalaureate or associate English requirement. Both semesters, three credits. Prerequisite: English ACT score 14 or below or English Placement Test.*

En 101—Composition & Grammar.

Review of sentence structure, punctuation, spelling, paragraph development and essay organization. Emphasis on expository writing. *Required of students with English ACT score between 15 and 25. Not open to those with English ACT score above 25. Not applicable toward an English major or minor. Both semesters, three credits. Prerequisite: English ACT score 15–25, English Placement Test or En 100.*

En 102—Composition & Rhetoric.

Introduction to academic writing emphasizing argumentation, research, documentation and style; centering on the library paper. *Not applicable toward an English major or minor. Both semesters and summer, Distance Learning, three credits. Prerequisite: English ACT score 26 or above, English Placement Test or En 101.*

En 103—Composition & Literature.

Critical writing using literary analysis. Discussion of literature by genres and according to basic literary critical concepts and terminology. *Not applicable toward an English major or minor. Both semesters and summer, Distance Learning, three credits. Prerequisite: En 102.*

En 202—British Literature to 1688.

A historical and critical survey of British literature from Beowulf to 1688. *Both semesters, Distance Learning, three credits. Prerequisite: En 103.*

En 203—British Literature since 1688.

A historical and critical survey of British literature from 1688 to the present. *Both semesters, Distance Learning, three credits. Prerequisite: En 103.*

En 204—American Literature since 1607.

A historical and critical survey of American literature from colonial times to the present. *Education majors only. First semester, three credits. Prerequisite: En 103. Excludes: En 205 and En 206.*

En 205—American Literature 1607–1865.

A historical and critical survey of American literature from colonial times to 1865. *Both semesters, Distance Learning, three credits. Prerequisite: En 103. Excludes: En 204.*

En 206—American Literature since 1865.

A historical and critical survey of American literature from 1865 to the present. *Both semesters, three credits. Prerequisite: En 103. Excludes: En 204.*

En 300—Literary Criticism.

Critical principles, approaches and technical concepts and terms important in the interpretation and evaluation of literature. Practice in the criticism of specific works. *Both semesters, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

En 380—Classical & Medieval Literature.

Classical and medieval continental literature most influential upon English writers. In English translation. *Second semester, Distance Learning, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

En 381—Modern World Literature.

World literature since the Middle Ages, including major European and contemporary non-Western writers in translation. *First semester, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

En 415—Multiethnic Literature.

Multiethnic American and world literatures, including works in translation. *Second semester, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

En 461—British Novel.

A critical and historical survey of the British novel from its beginnings to 1914, focusing on representative works of major British novelists. *Second semester, odd-numbered calendar years, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

En 462—American Novel.

A critical and historical survey of the American novel from its beginnings to 1914, focusing on representative works of major American novelists. *Second semester, even-numbered calendar years, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

En 479—English Seminar.

Introduction to research tools in English and contemporary trends in literary criticism. *Not applicable toward a major or minor. Second semester, one credit.*

En 503—Chaucer.

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. First semester, even-numbered calendar years, three credits. Prerequisite: En 202.*

En 504—Milton.

The poetry and prose of John Milton, with primary emphasis upon *Paradise Lost*. *First semester, odd-numbered calendar years, three credits. Prerequisite: En 202.*

En 505—Modern Poetry.

Major British and American poetry from 1914 to 1945. *Second semester, even-numbered calendar years, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

En 506—Modern Fiction.

Major British and American fiction from 1914 to 1945. *Second semester, odd-numbered calendar years,*

three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.

En 507—Twentieth Century Drama.

Major American and European drama during the last century, inclusive of the forerunners Ibsen and Chekhov. *Three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

En 508—History of the English Language.

The English language from the time of earliest records, with emphasis on major external influences and internal changes that have shaped our present language. *Second semester, three credits. Prerequisite: En 103.*

En 509—Structure of Modern English.

The phonology, morphology, syntax and semantics of English according to the most significant theoretical approaches; and some applications of this knowledge for teaching native and non-native speakers effective use of oral and written language. *First semester, three credits. Prerequisite: En 103.*

En 510—Advanced Grammar for TESL.

Concentration on areas of English structure that are most important in teaching English as a second language. *Second semester, two credits. Prerequisite: En 509 and Li 301.*

En 511—Shakespeare: Early Plays.

Selected histories, comedies and early tragedies inclusive of *Hamlet*. *First semester, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206. Excludes: En 351.*

En 512—Shakespeare: Late Plays.

Selected comedies, late romances and major tragedies exclusive of *Hamlet*. *Second semester, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206. Excludes: En 351.*

En 513—The Bible as Literature.

Literary approaches to the understanding and appreciation of the Bible with emphasis upon its unique status as the supernaturally inspired written revelation of God. *First semester, even-numbered calendar years, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

En 516—Teaching English as a Second Language.

Theory and techniques for teaching oral and written English to students whose native language is not English. *Second semester, three credits. Prerequisite: En 509.*

En 517—TESL Practicum.

Supervised structured experiences in a school setting with students whose native language is not English. School placement may vary according to the student's area of primary interest: K–5, 6–8 or 9–12. Students will observe, tutor individuals and small groups, help the cooperating teacher with various instructional activities, and teach at least three short lessons to a class. A minimum of 20 clock hours of acceptable activities is required. *Both semesters, one credit. Prerequisite: En 510 and En 516.*

En 521—Sixteenth Century Literature.

English literature from 1485 to 1603 inclusive of Shakespeare. *Three credits. Prerequisite: En 202.*

En 522—Seventeenth Century Literature.

English literature from 1603 to 1688 exclusive of Shakespeare. *Three credits. Prerequisite: En 202.*

En 525—Contemporary Poetry.

Major British and American poetry from 1945 to the present. *Three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

En 526—Contemporary Fiction.

Major British and American fiction from 1945 to the present. *Second semester, odd-numbered calendar years, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

En 531—Eighteenth Century Literature.

British literature from 1688 to 1789. *Three credits. Prerequisite: En 203.*

En 532—British Romantic Literature.

British literature from 1789 to 1832. *Three credits. Prerequisite: En 203.*

En 533—Victorian Literature.

British literature from 1832 to 1914. *Three credits. Prerequisite: En 203.*

En 541—Early American Literature.

American literature to 1820. *Three credits. Prerequisite: En 204 or En 205.*

En 542—American Romantic Literature.

American literature from 1820 to 1865. *Three credits. Prerequisite: En 204 or En 205.*

En 543—American Realistic Literature.

American literature from 1865 to 1914 inclusive of naturalism. *Three credits. Prerequisite: En 204 or En 206.*

En 596—European Studies: Drama.

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. *Three credits.*

En 597—Field Work: TESL.

Practical experience teaching English as a second language in a foreign country. *Not applicable toward a major or minor. Summer only, three credits.*

En 598—European Studies: English Literature.

Study tour of England, Scotland and Wales designed to include locations representing British literature from medieval to modern writings. *Summer only, three credits.*

En 599—American Studies: Literature.

Study tour of the Eastern United States designed to include locations representing the American literary heritage. *Summer only, three credits.*

Department of Linguistics

Li 301—Descriptive Linguistics.

An introduction to phonology, morphology and syntax. Survey of current theoretical approaches. *First semester, three credits. Prerequisite: En 103.*

Li 302—Historical-Comparative Linguistics.

An introduction to historical and comparative

linguistics; the applications of linguistics to language study. *Second semester, three credits. Prerequisite: Li 301.*

Li 303—Field Methods in Linguistics.

The skills and techniques that enable a person to learn a language through independent study or to derive maximum benefit from language instruction; includes extensive practice with a language helper. *Second semester, three credits. Prerequisite: Li 301.*

Li 510—Language Learning.

The task and resources of the language learner. Practical methods for getting the most from a language school experience, and ways to organize raw language data for efficient learning even in the absence of language instruction. Multiple approaches to language learning. *Summer only, even-numbered calendar years, two credits.*

Li 511—Phonetics & Phonology.

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. *Summer only, even-numbered calendar years, three credits.*

Li 512—Grammar in Use.

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 inference from situational context, speech acts and information structuring. *Summer only, even-numbered calendar years, two credits.*

Li 513—Field Methods & Literacy.

Application of linguistic skills in a field situation: working with a native speaker so as to analyze and learn the language. Includes extensive practice. Also, making primers and teaching reading. *Summer only, even-numbered calendar years, two credits. Prerequisite: Li 510, Li 511 and Li 512.*

Li 520—Bible Translation.

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 only, even-numbered calendar years, three credits. Prerequisite: Li 513.*

Li 521—Translation Technology.

Guided experience working with Bible concordance programs, grammatical searches, orthography, type for specialized characters and word processing techniques to enhance translation efforts. *Summer only, even-numbered calendar years, one credit. Prerequisite: Li 520.*

Department of Philosophy

Ph 200—Themes in Western Thought.

Selected philosophical ideas of continuing importance in Western thought from Socrates onward. *Both semesters, Distance Learning, three credits.*

Ph 301—Logic.

Deduction and induction, the nature of reasoning, conditions of proof, introduction to the laws of thought and the processes of scientific method. *First semester, three credits.*

Ph 303—Ancient & Medieval Philosophy.

Major figures and movements in classical and medieval philosophy. *First semester, even-numbered calendar years, three credits.*

Ph 304—Modern Philosophy.

Major figures and movements in Western philosophy from the seventeenth through the nineteenth century. *Second semester, even-numbered calendar years, three credits.*

Ph 305—Contemporary Philosophy.

Major figures and movements in Western philosophy since the nineteenth century. *Second semester, odd-numbered calendar years, three credits.*

Ph 308—Eastern Philosophy.

Major Eastern philosophies and their influence on the West. *Second semester, even-numbered calendar years, three credits.*

Ph 402—Ethics.

The meaning and purpose of ethics, with emphasis on Christian principles of action. Historical and practical approach to the problem of right conduct. *Both semesters, three credits.*

Ph 405—Aesthetics.

Concepts of beauty and art and artistic criteria from Plato onward with attention to present issues of artistic validity. *First semester, three credits.*

Ph 414—Philosophy of History.

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. *Three credits.*

DIVISION OF MODERN LANGUAGE AND LITERATURE

Chinese

MLC 121—Elementary Chinese I.

The fundamentals of grammar for oral communication in Mandarin Chinese and introduction to simple characters of the writing system. *First semester, three credits. Prerequisite: Placement into MLC 121.*

MLC 122—Elementary Chinese II.

The fundamentals of grammar for oral communication in Mandarin Chinese and introduction to simple characters of the writing system continued. *Second semester, three credits. Prerequisite: Placement into MLC 122 or MLC 121.*

MLC 221—Intermediate Chinese I.

Grammar review and expansion, culture, oral communication and reading of simple texts in both standard and simplified characters. *First semester, three credits. Prerequisite: Placement into MLC 221 or MLC 122.*

MLC 222—Intermediate Chinese II.

Continued grammar review and expansion, culture, oral communication and reading of simple texts in both standard and simplified characters. *Second semester, three credits. Prerequisite: Placement into MLC 222 or MLC 221.*

MLC 320—Chinese Communication.

Designed to develop fluency in Chinese through discussion of Chinese plays and readings on Chinese life. *First semester, three credits. Prerequisite: MLC 222.*

MLC 321—Chinese Composition.

Grammar and principles of writing in Chinese. *Second semester, three credits. Prerequisite: MLC 222.*

French**MLF 101—Elementary French I.**

The fundamentals of grammar for oral and written communication. *Both semesters, three credits. Prerequisite: Placement into MLF 101.*

MLF 102—Elementary French II.

The fundamentals of grammar in oral and written communication. *Both semesters, three credits. Prerequisite: Placement into MLF 102 or MLF 101.*

MLF 201—Intermediate French I.

Grammar review and expansion, culture, oral and written communication, and introduction to literature. *Both semesters, three credits. Prerequisite: Placement into MLF 201 or MLF 102.*

MLF 202—Intermediate French II.

Continued grammar review and expansion, culture, oral and written communication, and introduction to literature. *Both semesters, three credits. Prerequisite: Placement into MLF 202 or MLF 201.*

MLF 303—French Civilization to 1715.

Survey of the history, geography, people and customs of France from earliest times to 1715. *Second semester, odd-numbered calendar years, three credits. Prerequisite: MLF 202.*

MLF 304—French Civilization since 1715.

Survey of the history, geography, people and customs of France from 1715 to the present. *Second semester, even-numbered calendar years, three credits. Prerequisite: MLF 202.*

MLF 305—French Conversation.

Designed to increase fluency in speaking French. *First semester, three credits. Prerequisite: MLF 202.*

MLF 306—French Composition.

Grammar and principles of writing in French. *Second semester, three credits. Prerequisite: MLF 202.*

MLF 307—Survey of French Literature to 1800.

From the earliest times through the 18th century. *First semester, odd-numbered calendar years, three credits. Prerequisite: MLF 202.*

MLF 308—Survey of French Literature since 1800.

From the beginning of the 19th century to the present. *First semester, even-numbered calendar years, three credits. Prerequisite: MLF 202.*

German**MLG 111—Elementary German I.**

The fundamentals of grammar for oral and written communication. *First semester, three credits. Prerequisite: Placement into MLG 111.*

MLG 112—Elementary German II.

The fundamentals of grammar for oral and written communication continued. *Second semester, three credits. Prerequisite: Placement into MLG 112 or MLG 111.*

MLG 211—Intermediate German I.

Grammar review and expansion, culture, oral and written communication, and introduction to literature. *First semester, three credits. Prerequisite: Placement into MLG 211 or MLG 112.*

MLG 212—Intermediate German II.

Continued grammar review and expansion, culture, oral and written communication, and introduction to literature. *Second semester, three credits. Prerequisite: Placement into MLG 212 or MLG 211.*

MLG 310—Oral & Written Composition.

Grammar and the principles of composition. *First semester, three credits. Prerequisite: MLG 212.*

MLG 312—German Conversation.

Designed to develop fluency in spoken German. *Second semester, three credits. Prerequisite: MLG 212.*

Spanish**MLS 141—Elementary Spanish I.**

The fundamentals of grammar for oral and written communication. Not applicable toward a Spanish major. *Both semesters, three credits. Prerequisite: Placement into MLS 141.*

MLS 142—Elementary Spanish II.

The fundamentals of grammar for oral and written communication continued. Not applicable toward a Spanish major. *Both semesters, three credits. Prerequisite: Placement into MLS 142 or MLS 141.*

MLS 241—Intermediate Spanish I.

Grammar review and expansion, culture, oral and written communication, and introduction to literature. *Both semesters, three credits. Prerequisite: Placement into MLS 241 or MLS 142.*

MLS 242—Intermediate Spanish II.

Continued grammar review and expansion, culture, oral and written communication, and introduction to literature. *Both semesters, three credits. Prerequisite: Placement into MLS 242 or MLS 241.*

MLS 243—Spanish for Heritage Speakers.

Advanced instruction for students with existing native speaker skills in the Spanish language but who have never formally studied the structure of the language. Course includes grammar, written communication, vocabulary, and culture, as well as comparing and contrasting Spanish and English to enhance communication in both languages. *Three credits.*

MLS 340—Introduction to Spanish Literature.

An overview of Spanish and Spanish-American literature with principles of literary analysis; principally for non-native speakers of Spanish. *Three credits. Prerequisite: MLS 242.*

MLS 341—Spanish Composition.

Grammar and principles of writing in Spanish. *First semester, three credits. Prerequisite: MLS 242.*

MLS 342—Spanish Conversation.

Designed to increase fluency in speaking Spanish. *Second semester, three credits. Prerequisite: MLS 242.*

MLS 343—Civilization of Latin America.

Study of the various social and cultural elements of contemporary Latin America as seen from sociological, historical, political and literary points of view. *Three credits. Prerequisite: MLS 341 or MLS 342.*

MLS 344—Civilization of Spain.

The history and culture of Spain from earliest times to the present. *Three credits. Prerequisite: MLS 341 or MLS 342.*

MLS 346—Survey of Spanish Literature.

Masterpieces of Spanish literature from the 18th century to the present. *Three credits. Prerequisite: MLS 341 or MLS 342.*

MLS 441—Advanced Spanish Grammar/Composition.

Subtleties of style, syntax and idioms in Spanish. *Three credits. Prerequisite: MLS 341 or MLS 342.*

MLS 442—Introduction to Spanish Linguistics.

Introduction to Spanish historical and comparative linguistics. Study of Spanish phonology, morphology and syntax. *Three credits. Prerequisite: MLS 341 or MLS 342.*

MLS 446—Golden Age Spanish Literature.

Poetry and prose of the Spanish golden age. *Three credits. Prerequisite: MLS 341 or MLS 342.*

MLS 447—Spanish-American Literature to 1880.

The principal literary works of Spanish America from earliest times to 1880. *Three credits. Prerequisite: MLS 341 or MLS 342.*

MLS 448—Spanish-American Literature since 1880.

The principal literary works of Spanish America from 1880 to the present. *Three credits. Prerequisite: MLS 341 or MLS 342.*

MLS 449—Twentieth Century Spanish-American Fiction.

Detailed study of the 20th century Spanish-American fiction on the basis of selected representative works. *Three credits. Prerequisite: MLS 341 or MLS 342.*

MLS 450—Technical Spanish.

Spanish for health professionals, law-enforcement and business; internship in a local agency. *Three credits. Prerequisite: MLS 341 or MLS 342.*

MLS 479—Spanish Seminar.

Required of all students majoring in Spanish or Spanish Education. Preparation for oral proficiency interview. *Not applicable toward major or minor. Both semesters, one credit.*

MLS 496—Studies Abroad: Spanish Missions.

On-location study of diverse cultural practices, products and perspectives in a Spanish-speaking country. Features practice of communication skills with native speakers. Emphasis on Christian missions. *Three credits.*

MLS 497—Studies Abroad: Spanish Culture.

On-location immersion course in Spain with emphasis on contemporary culture. Field trips to places of historical interest. *Three credits.*

MLS 499—Studies Abroad: Spanish Communication.

On-location immersion course in Spain with emphasis on grammar, linguistics, and oral and written communication. *Three credits.*

DIVISION OF NATURAL SCIENCE**General Science****Sc 103—Biological Science.**

The more essential and practical phases of cell biology and botany. *Lecture and lab. Both semesters, four credits.*

Sc 105—Physical Science.

The more essential and practical phases of chemistry, physics, geology, astronomy and meteorology. *Lecture and lab. Both semesters, four credits. Excludes: THT 100.*

Sc 110—Physical Therapy Survey.

An introduction to the physical therapy profession including a survey of the history, ethics, specialties, legal issues, case studies, advances and current issues of physical therapy and other allied health areas. *Not applicable toward a major or minor. First semester, one credit.*

Sc 200—Essential Science.

A biblical and conceptual view of science applied to important issues including cosmology, creation/evolution and the environment. *Both semesters, Distance Learning, three credits.*

Sc 207—General Geology.

The general composition, structure and processes of the earth. *Lecture and lab. Second semester, even-numbered calendar years, three credits.*

Department of Biology**Bio 100—General Biology I.**

An introduction to the fundamental concepts of biology on the cellular level. Topics include the basic chemistry of cells; experimental design and scientific method; a proper Christian philosophy of science; eukaryotic cell structure; cellular transport mechanisms; cell division; basic transmission genetics and the encoding and expression of information in cells. *Lecture and lab. Both semesters, four credits. Excludes: Bio 102.*

Bio 101—General Biology II.

A continuation of General Biology I dealing in greater detail with meiosis, sexual life cycles and transmission genetics; pathways of respiration and photosynthesis; and a biblical response to the theory of evolution. Topics introduced in this course include taxonomy, developmental biology and ecology. *Lecture and lab. Second semester, four credits. Prerequisite: Bio 100.*

Bio 102—Principles of Biology.

The central principles of biology on the cellular level. Topics include elementary biochemistry, basic transport processes, eukaryotic cell structure, mitosis and meiosis, transmission genetics, the essentials of the central dogma of molecular biology and a biblical response to the theory of evolution. *Lecture and lab. Not applicable toward a Premed major, Biology major or minor, or Science Education major. Both semesters, four credits. Excludes: Bio 100.*

Bio 103—Fundamentals of Biology.

An introduction to the fundamental concepts of biology on the cellular level. Topics include the basic chemistry of cells; experimental design and scientific method; a proper Christian philosophy of

science; eukaryotic cell structure; cellular transport mechanisms; cell division; basic transmission genetics and the encoding and expression of information in cells. Lecture only. *Both semesters, three credits.*

Bio 201—Vertebrate Zoology.

Introduction to vertebrate zoology including aspects of their ecology, life history and behavior. *Lecture and lab. Second semester, four credits. Prerequisite: Bio 209.*

Bio 202—Essentials of Cell Biology.

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. First semester, four credits. Prerequisite: Bio 101. Requisite: Chm 103.*

Bio 203—Biological Diversity.

Animals, plants, protozoans, fungi, prokaryotes and viruses will be overviewed. An emphasis will be placed on the fundamental concepts of life processes common to all organisms. An introduction to classification and taxonomy will be included. *Second semester, four credits. Prerequisite: Bio 101.*

Bio 208—Organismal Biology I.

Introduction to prokaryotes, algae, fungi and plants, including aspects of their classification, physiology, ecology, life history and behavior. *First semester, four credits. Prerequisite: Bio 101.*

Bio 209—Organismal Biology II.

An introduction to animals and protozoans including aspects of their classification, physiology, ecology, life history and behavior. *Second semester, four credits. Prerequisite: Bio 208.*

Bio 210—Research Methods & Analysis.

Introduction to the formulation of a scientifically testable hypothesis as well as the design and execution of appropriate experiments. Includes instruction in diverse techniques of data analytics and in writing reports on one's findings in journal article format. *Second semester, one credit. Prerequisite: Ma 210. Corequisite: Bio 203 or Bio 209.*

Bio 215—Plant Physiology.

Wide-ranging investigations in plant physiology. Emphasis will be on photosynthesis, plant-water relations, organic and mineral nutrition, secondary metabolites, xylem and phloem transport, and growth and development. *Lecture and Lab. Second semester, four credits. Prerequisite: Bio 208.*

Bio 220—Medical Terminology.

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. *First semester, one credit. Prerequisite: Bio 100 or Bio 102.*

Bio 300—Evolution & Origins.

Discussion and critical evaluation of the biology and

philosophy behind neo-Darwinism (materialism), the intelligent design movement and special creation. Extensive use will be made of a current evolutionary textbook, important recent monographs, scientific journal articles and position statements. The course will engage students in critical thinking and problem solving and prepare them to answer challenges to a biblical worldview regarding evolution and origins. *First semester, three credits. Prerequisite: Bio 203, Bio 208, Bio 320 or Bio 322.*

Bio 301—Invertebrate Zoology.

Biology and classification of representative invertebrates. *Lecture and lab. First semester, four credits. Prerequisite: Bio 209.*

Bio 302—Developmental Biology.

Gametogenesis, fertilization and embryological development of major model organisms (insects, amphibians, fish, birds, mammals) as well as humans. Special emphasis will be placed on cell-to-cell communication, developmental genetics, patterning, morphogenesis, organogenesis, nervous system development and regeneration. Bioethical issues in developmental biology relevant to human medicine are also explored. *Lecture. Second semester, four credits. Prerequisite: Bio 202 and Bio 203.*

Bio 303—Human Anatomy & Physiology I.

Organization of the human body; tissues; integumentary, skeletal, muscular and nervous systems; and sense organs. *Lecture and lab. Second semester, four credits. Prerequisite: Bio 100 or Bio 102.*

Bio 304—Human Anatomy & Physiology II.

Endocrine, circulatory, lymphatic, respiratory and digestive systems; nutrition and metabolism; fluid and acid-base balance; urinary and reproductive systems; development of embryo and fetus. *Lecture and lab. First semester, four credits. Prerequisite: Bio 303.*

Bio 306—Systematics.

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. *Four credits. Prerequisite: Bio 209.*

Bio 308—Microbiology.

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 to Biochemistry and Molecular Biology, Biology, Premed/Predent, or Science Education majors. Second semester and summer, four credits. Prerequisite: Bio 100 or Bio 102.*

Bio 312—Pharmacology.

Emphasis on biological systems and major classifications of drug studies within the framework of nursing interventions. *Not applicable toward a major or minor in Biology or Premed/Predent. Second semester, two credits. Prerequisite: Bio 303 and Bio 304.*

Bio 315—Advanced Pharmacology.

Emphasis on drugs used in medical-surgical, critical care and psychiatric nursing. *Not applicable toward a major or minor in Biology or Premed/Pre dent. First semester, two credits. Prerequisite: Bio 312. Corequisite: Nu 300.*

Bio 320—Human Physiology & Anatomy I.

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. First semester, four credits. Prerequisite: Bio 202.*

Bio 321—Human Physiology & Anatomy II.

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. Second semester, four credits. Prerequisite: Bio 320.*

Bio 322—Bacteriology & Virology.

The biology of bacteria and viruses with emphasis on their form and physiology. A study of their diversity, environmental importance, and interaction with humans, as well as human attempts to control them. Consideration is given to basic immunology. Laboratory work focuses on the metabolism, identification and physiology of bacteria. *Second semester, four credits. Prerequisite: Bio 202.*

Bio 400—Parasitology.

Introduction to the biology of parasitism, with an emphasis on Protozoan and Helminthic human parasites. Parasites are studied in regard to life cycle, distribution, pathogenicity, immunity and control. *Lecture and lab. Recommended prerequisite: Bio 301. Second semester, four credits. Prerequisite: Bio 209.*

Bio 401—Ecology.

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. First semester, four credits. Prerequisite: Bio 209.*

Bio 402—General Entomology.

Morphology, physiology, life histories and economic importance of insects; emphasis on classification. *Lecture and lab. Four credits. Prerequisite: Bio 209.*

Bio 403—Histology.

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. First semester, four credits. Prerequisite: Bio 202.*

Bio 404—Immunology.

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. *First semester, three credits. Prerequisite: Bio 202.*

Bio 405—Genetics.

Mendelian and classical genetics including gene interaction and linkage. Molecular genetics with emphasis on prokaryotes and viruses. Topics include gene structure and expression, replication, recombination, mutation, transcription, translation, gene regulation and eukaryotic chromosome structure. *Lecture and lab. First semester, four credits. Prerequisite: Bio 202.*

Bio 406—Cell & Molecular Biology.

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 and developmental biology. Laboratory investigation of cellular and molecular phenomena. *Lecture and lab. Second semester, four credits. Prerequisite: Bio 405 and Chm 405.*

Bio 409—Independent Study.

The selection of a problem chosen in consultation with the research director, followed by the execution of a detailed literature survey and composition of a research proposal regarding the selected problem. Lab work includes an introduction to the basic techniques of cell culture and laboratory maintenance in preparation for Bio 410. Required of all students majoring in the Cell Biology track of the Biology major. *Both semesters, one credit. Prerequisite: permission of department head and Bio 479.*

Bio 410—Independent Study.

A continuation of Bio 409. Laboratory study of a problem chosen in consultation with the research director culminating in a paper or poster of results. Required of all students majoring in the Cell Biology track of the Biology major. *Both semesters, one credit. Prerequisite: permission of department head and Bio 409.*

Bio 411—Research in Biology I.

A full time summer research project in which a biological research problem is chosen in consultation with the research director. 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. Successful completion of Bio 411 can substitute for Bio 409/410. *Four credits. Prerequisite: permission of department head and Bio 479.*

Bio 412—Research in Biology II.

A continuation of Bio 411. Findings of full-time laboratory research will be communicated in a comprehensive paper in journal article format. *Four credits. Prerequisite: Bio 411.*

Bio 421—Kinesiology.

Mechanical and anatomical fundamentals of human motion. Muscular analysis of body movements in the practice of physical therapy. *Identical to HPE 421. First semester, three credits. Prerequisite: Bio 303.*

Bio 422—Physiology of Exercise.

Application of physiological principles to muscular action of the human organism. *Identical to HPE 422. Second semester, three credits. Prerequisite: Bio 421. Excludes: HPE 422.*

Bio 479—Critical Evaluation of Biology Literature.

Critical evaluation of research studies published in biological literature in terms of experimental design and conclusions. Students present their own critiques of a research article both orally and in writing. Required of all students majoring in Biology. *Not applicable toward a major or minor. First semester, one credit. Prerequisite: Bio 210.*

Bio 480—Physical Therapy Internship.

Students observe physical therapists as they practice in hospital or office settings. 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. *Both semesters, one credit. Prerequisite: Bio 100, Bio 303 and Sc 110.*

Bio 490—Student Medical Internship.

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 2000 words or more reflecting on the knowledge and perspective gained through the observations is required. *Both semesters, one credit. Prerequisite: permission of department head, Bio 320 and Bio 321.*

Department of Chemistry

Chm 103—General Chemistry I.

An introduction to stoichiometry, types of chemical reactions, gases, thermochemistry, atomic structure, periodic properties of elements and bonding. *Lecture and lab. First semester, four credits.*

Chm 104—General Chemistry II.

Intermolecular forces, colligative properties, chemical kinetics, equilibrium, acids and bases, solubility equilibria, thermodynamics, and electrochemistry. *Lecture and lab. Second semester, four credits. Prerequisite: Chm 103.*

Chm 105—Foundations of Chemistry.

An introduction to the traditional topics of general chemistry with particular emphasis on their application to the health sciences. A study of measurement, heat, chemical reactions, gases, solutions, acid-base equilibria and radioactivity. *First semester, four credits. Excludes: Chm 103.*

Chm 106—Bio-Organic Chemistry I.

Introduction to organic chemistry and biochemistry. Introduction to nomenclature, reactions, and properties of organic and biochemical molecules. *Lecture and lab. Second semester, four credits. Prerequisite: Chm 103 or Chm 105.*

Chm 107—Chemistry for Engineers.

Introduction to chemical reactions, gases, atomic structure, bonding, thermodynamics, kinetics, equilibrium and electrochemistry. *Second semester, three credits. Prerequisite: Placement into Ma 105 or Ma 103.*

Chm 116—Bio-Organic Chemistry II.

A study of molecular structures of the cell, selected biochemical pathways and transfer of genetic information. *Lecture and lab. First semester, even-numbered calendar years, four credits. Prerequisite: Chm 106.*

Chm 203—Organic Chemistry I.

Covalent bonding theory, acid-base concepts, Lewis structures, alkanes, alkenes, alkynes, alcohols, ethers, epoxides, alkyl halides, stereochemistry and reactions mechanisms. *Lecture and lab. First semester, four credits. Prerequisite: Chm 104 or Chm 106.*

Chm 204—Organic Chemistry II.

Aromatic compounds, aldehydes, ketones, carboxylic acids and their derivatives, amines, carbohydrates, nuclear magnetic resonance spectroscopy and infrared spectroscopy. *Lecture and lab. Second semester, four credits. Prerequisite: Chm 203 and Chm 104 or Chm 106.*

Chm 207—Analytical Chemistry.

The separation and analysis of chemical substances. Spectroscopy, electrochemistry, chromatography, gravimetric and volumetric analysis. *Lecture and lab. Second semester, four credits. Prerequisite: Chm 104.*

Chm 301—Introduction to Molecular Modeling.

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. *Second semester, two credits. Prerequisite: Chm 204.*

Chm 303—Physical Chemistry I.

Phenomenological thermodynamics, gas laws, statistical mechanics, phase changes in pure substances and simple mixtures. *Lecture and lab. First semester, even-numbered calendar years, four credits. Prerequisite: Chm 204, Ma 201 and Phy 202. Excludes: Phy 402.*

Chm 304—Physical Chemistry II.

Phase diagrams, equilibrium, electrochemistry, rotational and vibrational spectroscopy, phenomenological chemical kinetics, reaction mechanisms and photochemistry. *Lecture and lab. Second semester, odd-numbered calendar years, four credits. Prerequisite: Chm 303.*

Chm 403—Research in Chemistry I.

Team-based literature work requiring the writing of a proposal to do original laboratory research. *First semester, four credits. Prerequisite: Chm 207 or Chm 304.*

Chm 404—Research in Chemistry II.

Laboratory implementation of the original research project proposed in Chm 403. Team-based. Requires final written and oral reports. *Second semester, one credit. Prerequisite: Chm 403.*

Chm 405—Biochemistry I.

Molecular structure and function of biomolecules focused on nucleic acids, enzymes and other proteins, and membrane components. *Lecture and lab. First semester, four credits. Prerequisite: Chm 204.*

Chm 406—Biochemistry II.

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. Second semester, four credits. Prerequisite: Chm 405.*

Chm 408—Advanced Organic Chemistry.

Further study in the structure and reaction mechanisms of organic compounds, including their relationships to bonding theory, stereochemical principles and thermodynamics. *Three credits. Prerequisite: Chm 204.*

Chm 409—Inorganic Chemistry.

Atomic and molecular structure, bonding, chemical forces, acid-base chemistry and coordination chemistry. *First semester, odd-numbered calendar years, three credits. Prerequisite: Chm 204 and Ma 201.*

Chm 418—Instrumental Analysis.

Fundamentals of chemical instrumentation and its application to atomic and molecular spectroscopy, electrochemical analysis and separation methods. *Lecture and lab. First semester, odd-numbered calendar years, four credits. Prerequisite: Chm 204.*

Department of Physics and Engineering

Astronomy

As 150—Solar System Astronomy.

The history of astronomy, time-keeping, astronomical coordinates, the motion of celestial bodies, astronomical instruments and their use, properties of light, special relativity, planetary geology and meteorology, comets, meteors and asteroids. Includes observing project using the observatory. *Lecture and lab. First semester, three credits.*

As 151—Stellar & Galactic Astronomy.

The study of the structure, aging, and motions of stars, binaries, star clusters, galaxies and super clusters. Other topics include pulsars, planetary nebulae, super novae, black holes, active galactic nuclei, etc. Includes observing project using the observatory. *Lecture and lab. Second semester, odd-numbered calendar years, three credits.*

As 303—Observational Astronomy.

Study of the methods for the collection and analysis of astronomical data. *First semester, two credits. Prerequisite: Phy 202.*

As 490—Research in Astronomy.

Research project in astronomy under faculty supervision. *Both semesters, one credit.*

Electronics

Ele 110—Digital Electronics.

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 HLD-based design. *Lecture and lab. Both semesters, three credits.*

Ele 201—Solid State Applications I.

Application of linear transistor circuits with negative feedback. *Lecture and lab. First semester, three credits. Prerequisite: Ele 109 or Ele 206.*

Ele 205—Basic Circuit Analysis I.

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. First semester, three credits. Prerequisite: Ma 200. Corequisite: Ma 201.*

Ele 206—Basic Circuit Analysis II.

Fundamentals of AC circuits. Sinusoids, phasors, AC power, three phase circuits, magnetically coupled circuits and frequency response. Laplace impedance methods. *Lecture and lab. Second semester, three credits. Prerequisite: Ele 205.*

Ele 207—Electric Machinery.

A study of AC and DC machines, energy conversion and transmission of energy. *First semester, three credits. Prerequisite: Ele 206 or Ma 180.*

Ele 306—Linear Integrated Circuits.

Phase locked loops, timers and operational amplifiers as linear amplifiers, oscillators and comparators. *Lecture and lab. Second semester, three credits. Prerequisite: Ele 109 or Ele 206.*

Ele 404—Microprocessor Interfacing.

Hardware characteristics of microprocessors. Design of interfaces including memory, I/O, timers, DMA, interrupt controllers, A/D & D/A conversions. *Lecture and lab. Second semester, three credits. Prerequisite: Cps 230.*

Ele 405—Design Problems.

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, one credit.*

Ele 406—Mechatronics.

Characteristics and design of computerized electromechanical systems including robots. Lab includes a large interdisciplinary group design project. *Lecture and lab. Identical to Eng 406. First semester, three credits.*

Engineering

Eng 101—Introduction to Engineering.

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, three credits.*

Eng 200—Statics & Strength of Materials.

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. *First semester, three credits. Prerequisite: Phy 201.*

Eng 201—Engineering Dynamics.

Kinematics and kinetics of particles, systems of particles and rigid bodies using vector analysis. Energy and momentum methods. *Second semester, three credits. Prerequisite: Eng 200.*

Eng 210—Computer Aided Design in Engineering.

Introduction to CAD tools for prototyping, analyzing and communicating solutions to engineering problems. Lab class. *Both semesters, three credits. Prerequisite: Eng 101.*

Eng 308—Electromagnetics I.

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. First semester, three credits. Prerequisite: Ma 302 and Phy 202.*

Eng 309—Electromagnetics II.

Magnetostatics, magnetic properties, induction, Maxwell's equations, propagation of electromagnetic radiation. *Identical to Phy 309. Second semester, three credits. Prerequisite: Eng 308 or Phy 308.*

Eng 310—Materials Engineering.

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. Second semester, three credits. Prerequisite: Chm 107 and Phy 202.*

Eng 405—Design Problems.

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, three credits.*

Eng 406—Mechatronics.

Characteristics and design of computerized electromechanical systems including robots. Lab includes a large interdisciplinary group design project. *Lecture and lab. Identical to Ele 406. First semester, three credits. Prerequisite: Eng 200.*

Eng 407—Linear System Analysis.

Continuous and discrete signals and systems. Laplace transforms. Fourier series and Fourier transforms. *Lecture and lab. First semester, three credits. Prerequisite: Ele 206 and Ma 302.*

Eng 408—Linear Control Systems.

Topics include system representation, time and frequency response, stability and application of state variables. *Lecture and lab. Second semester, three credits. Prerequisite: Eng 407.*

Physics

Phy 101—Introductory Physics.

Structure and properties of matter, kinematics, dynamics, statics, and conservation of energy and momentum. *Lecture and lab. First semester, four credits. Corequisite: Ma 103.*

Phy 102—Intermediate Physics.

Rotation, wave motion, fluids, heat, thermodynamics, electricity, magnetism and optics. *Lecture and lab. Second semester, five credits. Prerequisite: Phy 101.*

Phy 110—Physics Survey.

An introduction to physics as an academic subject, career possibilities and basic laboratory experience in physics experiments. *First semester, one credit.*

Phy 201—General Physics I.

Mechanics (including force, kinematics, dynamics, rotational motion, fluids and wave motion) and thermodynamics. *Lecture and lab. First semester, four credits. Prerequisite: Ma 200. Corequisite: Ma 201.*

Phy 202—General Physics II.

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. Second semester, five credits. Prerequisite: Ma 201 and Phy 201.*

Phy 303—Experimental Physics.

An advanced lab course involving an in-depth research project or advanced physics experiments. Special focus on numerical methods of data analysis. *First semester, two credits. Prerequisite: Phy 202.*

Phy 308—Electromagnetics I.

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. First semester, three credits. Prerequisite: Ma 302 and Phy 202.*

Phy 309—Electromagnetics II.

Magnetostatics, magnetic properties, induction, Maxwell's equations, propagation of electromagnetic radiation. *Identical to Eng 309. Second semester, three credits. Prerequisite: Eng 308 or Phy 308.*

Phy 356—Mechanics I.

Matrix and vector analysis, Newtonian mechanics, relativistic mechanics, gravitational attraction and potentials, oscillatory motion and nonlinear oscillations. *First semester, odd-numbered calendar years, three credits. Prerequisite: Ma 301 and Phy 202.*

Phy 357—Mechanics II.

Calculus of variations, Lagrangian mechanics, Hamiltonian mechanics, celestial mechanics, central force motion, multi-particle systems, non-inertial reference frames, rigid body motion, mechanical wave motion and Fourier analysis. *Second semester, odd-numbered calendar years, three credits. Prerequisite: Phy 356.*

Phy 402—Thermodynamics & Statistical Mechanics.

Collisional and transport properties of gases; conservation of energy; ideal gas energetics; enthalpy, entropy, and free energy calculations; statistical mechanics; heat engines; engineering applications of thermodynamics. *First semester, odd-numbered calendar years, three credits. Prerequisite: Ma 301 and Phy 202. Excludes: Chm 303.*

Phy 403—Optics.

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. Second semester, three credits. Prerequisite: Phy 202.*

Phy 408—Modern Physics.

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. First semester, even-numbered calendar years, three credits. Prerequisite: Phy 202. Corequisite: Ma 301.*

Phy 409—Introduction to Quantum Mechanics I.

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. *First semester, odd-numbered calendar years, three credits. Prerequisite: Ma 302 and Phy 408.*

Phy 410—Introduction to Quantum Mechanics II.

Review of barrier problems, the harmonic oscillator, and angular momentum using matrix methods. Problems involving perturbation theory, one-electron atoms, magnetic moments, spin, the helium atom, and scattering theory. *Second semester, even-numbered calendar years, three credits. Prerequisite: Phy 409.*

Phy 490—Research in Physics.

Research project in physics under faculty supervision. *Both semesters, one credit.*

Phy 497—Independent Study.

Student collaboration in ongoing research with a faculty member in his research area with a goal of publication and presentation of results at an undergraduate or professional conference. *One credit.*

Phy 498—Independent Study.

Student collaboration in ongoing research with a faculty member in his research area with a goal of publication and presentation of results at an undergraduate or professional conference. *Two credits.*

Phy 499—Independent Study.

Student collaboration in ongoing research with a faculty member in his research area with a goal of publication and presentation of results at an undergraduate or professional conference. *Three credits.*

DIVISION OF MATHEMATICAL SCIENCES

Department of Mathematics

Ma 101—Basic College Mathematics.

A survey course. Topics include real number system expressions and equations emphasizing practical elementary mathematics. *Required of students with math ACT below 18. Not applicable toward a major or minor. Both semesters, Distance Learning, three credits. Prerequisite: Math ACT score 17 or below or Placement into Ma 101.*

Ma 102—Intermediate College Mathematics.

Continuation of Ma 101 that emphasizes practical elementary mathematics applying the techniques of algebra. *Not applicable toward a major or minor. Both semesters, Distance Learning, three credits. Prerequisite: Math ACT 18–19, Placement into Ma 102 or Ma 101.*

Ma 103—College Algebra.

Review of elementary algebra. Stress on the concept of relation and function, algebraic functions and their graphs. *Not applicable toward a major or minor. Both semesters, Distance Learning, three credits. Prerequisite: Math ACT 20–25, Placement into Ma 103 or Ma 102.*

Ma 105—Transcendental Functions.

A review of exponential, logarithmic, trigonometric functions and their graphs. Suggested calculator: TI 83, 84, Nspire, 89 or Nspire CAS. *Both semesters,*

Distance Learning, three credits. Prerequisite: Placement into Ma 105 or Ma 103.

Ma 108—Mathematics of Finance.

Simple interest, internal rate of return, discount interest, discounted securities, compound interest, nominal and effective rates, annuities, debt retirement via amortization or sinking funds, valuation of bonds, yield rate, valuation of stocks, depreciation, cash flow analysis and capitalized cost. Required calculator: TI 83, 84, or Nspire. TI 89 or Nspire CAS may be used with permission. *Not applicable toward a major or minor. Both semesters, three credits. Prerequisite: Math ACT score 20 or above; Placement into Ma 103, Ma 105 or Ma 200; or Ma 102.*

Ma 109—Essential Mathematics for Teachers.

A study of mathematics properties, processes and symbols for prospective teachers on the elementary level. Sets, relations, number theory, the real number system and problem solving. *Not applicable toward a major or minor. First semester, three credits. Prerequisite: Math ACT score 18 or above; Placement into Ma 102, Ma 103, Ma 105 or Ma 200; or Ma 101.*

Ma 110—Foundations of Mathematics for Teachers.

A study of mathematics properties, processes and symbols for prospective teachers on the elementary level. Measurement, the metric system, geometry, congruence, coordinate geometry, probability and statistics. *Not applicable toward a major or minor. Second semester, three credits. Prerequisite: Math ACT score 18 or above; Placement into Ma 102, Ma 103 or Ma 105; Ma 200 or Ma 101.*

Ma 150—Introduction to Mathematical Reasoning.

A bridge or transition course between the lower level mathematics courses to more abstract and theoretical upper level courses in which mathematical proof is essential. Development of mathematical maturity is the ultimate goal of this class. This will be accomplished by developing the ability to interpret and use mathematical language and notation, understand elementary logic, learn how to read and understand mathematical definitions and proofs, construct and write mathematical proofs. *Not applicable toward a math major or minor. Required of all before taking first 300 level math class unless waived by passing Mathematics Reasoning placement test. Second semester, three credits.*

Ma 180—Introduction to Calculus.

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. First semester, odd-numbered calendar years, three credits. Prerequisite: Math ACT 20–25, Placement into Ma 103 or Ma 102.*

Ma 200—Calculus I.

Introduction to analytic geometry, functions, limits and differentiation of algebraic functions, and applications. Required calculator: TI 89 (or TI 83, 84 or Nspire if final mathematics course). *Both semesters, three credits. Prerequisite: Math ACT 31–36, Placement into Ma 200 or Ma 105.*

Ma 201—Calculus II.

A continuation of Ma 200. Topics include definite integration, differentiation and integration of transcendental functions and other algebraic curves, and applications. Required calculator: TI 89 or Nspire CAS. *Both semesters, three credits. Prerequisite: Ma 200*

Ma 210—Elementary Statistics.

Descriptive statistics, elementary probability, the study of the binomial, uniform, and normal probability distributions, point and interval estimations, and elementary hypothesis testing. Required calculator: TI 83, 84 or Nspire. TI 89 or Nspire CAS may be used with permission. *Not applicable toward a major or minor. Both semesters, three credits. Prerequisite: Math ACT score 20 or above or placement into Ma 103.*

Ma 211—Theory of Geometry.

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, theory of transformational geometry, analytical geometry and conics. Experience with *Geometer's Sketchpad*. *Not applicable toward a mathematics or actuarial science major or minor. First semester, even-numbered calendar years, three credits.*

Ma 300—Elementary Linear Algebra.

Vectors, vector functions, linear functions, solutions of linear systems of equations, matrices, determinants and eigenvalues. Required calculator: TI 89 or Nspire CAS. *Both semesters, three credits. Prerequisite: Ma 150 and Ma 200.*

Ma 301—Calculus III.

A continuation of Ma 201. Topics include solid analytic geometry, parametric equations, and Maclaurin and Taylor series. Required calculator: TI 89 or Nspire CAS. *Both semesters, three credits. Prerequisite: Ma 150 and Ma 201.*

Ma 302—Calculus IV.

Functions of more than one variable, partial differentiation, multiple integration, vector analysis, theorems of Green and Stokes. Required calculator: TI 89 or Nspire CAS. *Both semesters, three credits. Prerequisite: Ma 301.*

Ma 303—Discrete Math.

An introduction to set theory and logic, elementary combinatorics, graph theory and finite state machines. Required calculator: TI 89 or Nspire CAS. *Second semester, odd-numbered calendar years, three credits. Prerequisite: Ma 105 and Math Proof Techniques Test or Ma 150.*

Ma 308—Theory of Interest.

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. *First semester, three credits. Prerequisite: Ma 150 and Ma 180 or Ma 201.*

Ma 380—Actuarial Science I.

The economics of insurance. Topics include utility theory, applications of probability to problems of life and death, and multiple life functions, and the determination of premiums for insurance and annuities in both the discrete and continuous case. *First semester, odd-numbered calendar years, three credits. Prerequisite: Ma 150, Ma 201 and Ma 210.*

Ma 381—Actuarial Science II.

The economics of insurance. Topics include utility theory, applications of probability to problems of life and death, and multiple life functions, and the determination of premiums for insurance and annuities in both the discrete and continuous case. *Second semester, even-numbered calendar years, three credits. Prerequisite: Ma 380.*

Ma 388—Actuarial Exam FM Preparation.

This course is a self-study course designed to prep the student for the SOA exam FM. *Second semester, odd-numbered calendar years, one credit. Prerequisite: Ma 308.*

Ma 390—Linear Optimization.

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. *First semester, even-numbered calendar years, three credits. Prerequisite: Ma 300.*

Ma 391—Topics in Optimization.

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, three credits. Prerequisite: Ma 150.*

Ma 401—Elementary Number Theory.

Divisibility, congruences, theorems of Fermat and Wilson, primitive roots, indices and quadratic reciprocity. Required calculator: TI 89 or Nspire CAS. *Three credits. Prerequisite: Ma 150 and Ma 201.*

Ma 402—Abstract Algebra.

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. *Second semester, three credits. Prerequisite: Ma 201 and Ma 300.*

Ma 403—Intermediate Analysis.

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. *Three credits. Prerequisite: Ma 300 and Ma 302.*

Ma 404—Probability & Statistics I.

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. *First semester, three credits. Prerequisite: Ma 301.*

Ma 405—Probability & Statistics II.

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. *Three credits. Prerequisite: Ma 404.*

Ma 406—Differential Equations.

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. *Second semester, three credits. Prerequisite: Ma 301.*

Ma 407—Modern Geometry.

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. *First semester, three credits. Prerequisite: Ma 300.*

Ma 409—Introduction to Topology.

An axiomatic development of point-set topology; connectivity, compactness, metrization, separability and topological equivalence. Required calculator: TI 89 or Nspire CAS. *Three credits. Prerequisite: Ma 300 and Ma 302.*

Ma 420—Computational Mathematics.

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*. *Second semester, even-numbered calendar years, three credits. Prerequisite: Cps 110 and Ma 301.*

Ma 425—Complex Variables.

Topics include complex numbers, analytic functions, elementary transformations, and complex integration. Required calculator: TI 89 or Nspire CAS. *Three credits. Prerequisite: Ma 300 and Ma 302.*

Ma 440—Combinatorial Mathematics.

Topics include permutations, combinations, generating functions, and recurrence relations. Required calculator: TI 89 or Nspire CAS. *Three credits. Prerequisite: Ma 300 and Ma 301.*

Ma 479—Mathematics Seminar.

Required of all students majoring in Mathematics. Gives senior math majors an opportunity to examine difference facets of a career in Mathematics. These facets include independent study of an advanced topic and presenting that study to a group of his peers. *Not applicable toward a major or minor. First semester, one credit. Prerequisite: Senior standing.*

Ma 488—Actuarial Exam P Preparation.

A self-study course, preparing the student for the SOA exam. *Second semester, even-numbered calendar years, one credit. Prerequisite: Ma 404.*

Ma 497—Independent Study in Mathematics.

Special study of a project chosen in consultation with mathematics faculty. *Three credits.*

Department of Computer Science

CpS 105—Computer Fluency.

Introduces students to computational thinking which is a way of thinking that aids the user in solving problems, to current issues including the appropriate biblical response to moral computer-issues, and to

projects demonstrating computational-thinking skills. *Not applicable toward a major or minor. Both semesters, three credits.*

CpS 109—Introduction to Computer Programming.

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. *Not applicable toward a Computer Science major or minor. Both semesters, three credits. Prerequisite: Math ACT score 21 or above, Ma 102, Ma 103 or Ma 105.*

CpS 110—Computer Science I.

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. Both semesters, three credits. Prerequisite: Math ACT score 26 or above, Cps 109, Ma 103 or Ma 105.*

CpS 111—Computer Science II.

Continuing concepts taught in CpS 110 with an emphasis on GUI programming techniques. *Lecture and lab. Both semesters, three credits. Prerequisite: Computer Science Placement Test or Cps 110.*

CpS 201—Information Technology I.

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, three credits.*

CpS 202—Information Technology II.

A continuation of CpS 201 with the focus on the Linux platform. *Lecture and lab. Second semester, three credits. Prerequisite: Cps 201.*

CpS 210—Data Structures.

Data structures and algorithm analysis. Includes an introduction to an alternate computing platform. *Lecture and lab. First semester, three credits. Prerequisite: Cps 111.*

CpS 225—Business Systems.

Introduction to computer techniques used in a business environment. Topics include office automation via VBA, client-server database programming and Web technologies. *Second semester, three credits. Prerequisite: Cps 109 or Cps 110.*

CpS 230—Computer Systems.

Assembler language, interrupts, registers, memory addressing techniques, parameter passing mechanisms and the relationship between high-level languages and the computer. *Both semesters, three credits. Prerequisite: Cps 110 or Ele 110.*

CpS 301—Intro: Database Management Systems.

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. *First semester, three credits. Prerequisite: Cps 109 or Cps 110.*

CpS 310—Microprocessor Architecture.

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. *First semester, even-numbered calendar years, three credits. Prerequisite: CpS 111 and CpS 230.*

CpS 320—Unix Programming.

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. *Second semester, three credits. Prerequisite: CpS 111.*

CpS 335—Computer Network Fundamentals.

Study of the hardware and software components of computer communications, including Internet protocols, applications and security. *Second semester, three credits.*

CpS 350—Programming Language Design.

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. *First semester, odd-numbered calendar years, three credits. Prerequisite: CpS 320.*

CpS 360—Introduction to Operating Systems.

The study of operating system techniques, including interrupt systems and memory, processor, and device management. *Second semester, odd-numbered calendar years, three credits. Prerequisite: CpS 310.*

CpS 401—Internet Application Development.

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 present. *Second semester, even-numbered calendar years, three credits. Prerequisite: CpS 110 and CpS 301.*

CpS 406—Computational Mathematics.

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*. *Second semester, even-numbered calendar years, three credits. Prerequisite: CpS 110 and Ma 301.*

CpS 420—Software Development.

An introduction to methodologies and tools for efficient design, development and testing of object-oriented software. Emphasizes current software engineering best practices for developing medium-to-large scale business systems, including requirements analysis and project management. Students apply the techniques in a semester-long team project. *First semester, three credits. Prerequisite: CpS 110 and CpS 301.*

CpS 433—Network Administration.

This course deals with administration issues that impact the planning, setup and maintenance of computer networks. Issues such as account policies, storage management, security, licensing, performance monitoring, providing support for a large user community, providing network services, etc. You will gain experience setting up a network with both Unix and Windows servers. *First semester, odd-numbered calendar years, three credits. Prerequisite: CpS 335 and CpS 202 or CpS 320.*

CpS 440—Theoretical Foundations in Computer Science.

A study in finite state machines, Turing machines, computability and formal languages. *Second semester, odd-numbered calendar years, three credits. Prerequisite: CpS 210 and Ma 105.*

CpS 450—Language Translation Systems.

A study of compilers and interpreters, including scanning, parsing and code generation. A compiler will be implemented with the aid of compiler generation tools. *Second semester, even-numbered calendar years, three credits. Prerequisite: CpS 350.*

CpS 465—Information Technology Internship I.

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 Computer Science major or minor. Both semesters and summer, three credits.*

CpS 466—Information Technology Internship II.

This internship provides additional work experience for students in the field of information technology. *Not applicable toward a major or minor. Both semesters and summer, three credits. Prerequisite: CpS 465.*

CpS 475—Computer Science Internship I.

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 major or minor. Both semesters and summer, three credits.*

CpS 476—Computer Science Internship II.

This internship provides additional work experience for students in the field of computer science. *Not applicable toward a major or minor. Both semesters and summer, three credits. Prerequisite: CpS 475.*

CpS 479—Computer Science Seminar.

Required of all students majoring in Computer Science or Information Technology. Students examine different facets of a professional career including spiritual growth, continual learning, and employment. *Not applicable toward a major or minor. First semester, one credit.*

CpS 490—Programming Challenges.

This course focuses on twelve programming problem solving topics. Students learn how to apply these problem solving techniques to a wide range of problems. *Both semesters, three credits.*

CpS 491—Computer Security.

A survey of the fundamentals of information assurance and computer security. *Second semester, three credits. Prerequisite: CpS 110.*

CpS 499—Independent Study in Computer Science.

Special study of a project chosen in consultation with the computer science faculty. *Three credits.*

DIVISION OF NURSING AND HEALTH SCIENCE

Food and Nutrition

FN 101—Basic Nutrition.

Factors affecting food consumption, energy balance, weight control, food safety, information on carbohydrates, fats and proteins, vitamins, minerals. *Second semester, one credit.*

FN 260—Nutrition.

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, three credits.*

Nursing

Nu 105—Interpersonal Skills for Nurses.

This course is designed to introduce the nursing major to the process of interpersonal communication in nursing practice. The principles of communication, techniques of interviewing and key components of therapeutic communication are presented in this course, so the student will learn to deal effectively with healthy individuals, as well as those with health problems. *Second semester, two credits. Prerequisite: Com 101.*

Nu 200—Nursing Process: Fundamentals.

Utilization of the nursing process in giving care to adult and geriatric patients. Focus is on developing basic nursing skills as well as applying beginning physical assessment skills and therapeutic communication techniques. Simulated experiences and supervised practice of skills in the nursing laboratory. Clinical experiences in extended and acute care inpatient facilities. *First semester, five credits. Prerequisite: Formal Acceptance to Nursing Clinical Courses and Bio 303. Corequisite: Nu 203.*

Nu 203—Nursing Process: Beg Physical Assessment.

Development of basic skills in assessing adult patients identifying normal and common abnormal findings. Includes pediatric and geriatric adaptations for each body system. Simulated experiences and supervised practice of skills in the nursing laboratory. *First semester, three credits. Prerequisite: Formal Acceptance to Nursing Clinical Courses. Corequisite: Nu 200.*

Nu 204—NP: Beg Med-Surg/Geriatric Nursing.

Utilization of the nursing process in giving care to adult and geriatric patients with chronic and acute medical and surgical alterations in health. Emphasis

is on the development of clinical assessment skills, nursing process application and mastery of basic clinical performance. Clinical experiences related to medical-surgical and geriatric nursing. *Second semester, six credits. Prerequisite: Bio 304, Nu 200 and Nu 203. Corequisite: Bio 312.*

Nu 300—NP: Medical-Surgical Nursing.

Utilization of the nursing process in giving care to adults with complex acute and chronic medical-surgical alterations in health. Emphasis is on nursing process application, advancing clinical performance and the development of critical-thinking skills. Clinical experiences related to medical-surgical nursing. *First semester, five credits. Prerequisite: Bio 308, Bio 312 and Nu 204. Corequisite: Bio 315.*

Nu 303—Nursing Research & Statistics.

A study of the research process with critical analysis of nursing research studies. An introduction to descriptive and inferential statistical methods and computer analysis of data for selected parametric and nonparametric statistical techniques. *Second semester, three credits. Prerequisite: Nu 300.*

Nu 304—NP: Maternal-Newborn Nursing.

Utilization of the nursing process in the care of women of childbearing age including care of women in the childbearing process and care of newborns. Focus is on nursing assessment, planning, implementation and teaching. Supervised practice of skills in the nursing laboratory and clinical experiences related to maternal-newborn nursing in outpatient and inpatient facilities. *Second semester, four credits. Prerequisite: Bio 315 and Nu 300. Corequisite: Nu 305.*

Nu 305—Nursing Process: Pediatric Nursing.

Utilization of the nursing process in giving care to pediatric patients and their families with both acute and chronic medical and surgical health problems. Emphasis is on development of pediatric clinical assessment skills, advancing clinical performance and advancing development of critical-thinking skills. Clinical experience related to pediatric nursing in both inpatient and outpatient areas. *Second semester, four credits. Prerequisite: Bio 315 and Nu 300. Corequisite: Nu 304.*

Nu 400—Nursing Process: Psychiatric Nursing.

Utilization of the nursing process in giving care to individuals and their families involved in acute or chronic psychiatric crisis. Clinical experiences related to inpatient and outpatient mental health agencies. *First semester, four credits. Prerequisite: Nu 304 and Nu 305.*

Nu 401—NP: Advanced Medical-Surgical Nursing.

Utilization of the nursing process in giving care to families with highly complex and life threatening illnesses. Emphasis is on the development of critical thinking skills, the accomplishment of rapid, in-depth assessments and the performance of advanced nursing care of pediatric, adult and aging patients in the critical care areas. *First semester, six credits. Prerequisite: Nu 304 and Nu 305.*

Nu 402—Professional Nursing Issues.

Consideration of ethical and legal nursing issues as well as other professional nursing issues. *Second semester, one credit. Prerequisite: Nu 400.*

Nu 406—Nurse in Christian Service.

Study of the history of nursing and philosophy as well as an examination of avenues of service as a Christian nurse, with a focus on nursing on the mission field. *First semester, two credits. Prerequisite: Nu 304 and Nu 305.*

Nu 407—NP: Community Health Nursing.

Utilization of the nursing process to assist 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 at risk and clients with chronic health problems. Clinical experiences in the public health department, home health and hospice care, clinics, industries and schools. *Second semester, four credits. Prerequisite: Nu 400 and Nu 401.*

Nu 412—Nursing Practicum.

Utilization of the nursing process and principles of nursing leadership and management in the care of groups of patients. Selected clinical experience in area of student interest. *Second semester, eight credits. Prerequisite: Nu 400 and Nu 401.*

DIVISION OF SOCIAL SCIENCE

Department of History

Hi 101—History of Civilization c. 3500 BC to AD 1650.

A survey of ancient, medieval and modern history, from the advent of written records to AD 1650. Emphasis on the Western World, with appropriate coverage of non-Western cultures. An integrated study of political, economic, social, religious, intellectual and aesthetic aspects of culture in historical context. *Both semesters and summer, Distance Learning, three credits.*

Hi 102—History of Civilization since 1650.

A survey of early modern and modern history from AD 1650 to the present. Emphasis on Western World with appropriate emphasis on non-Western cultures and their contributions as well as African-American and women's studies. An integrated study of political, economic, social, religious, intellectual and aesthetic aspects of culture. *Both semesters and summer, Distance Learning, three credits.*

Hi 201—United States History to 1865.

The formation of the United States from earliest settlement, through separation from England to the establishment of a Republic; origins and adoption of the Constitution and its subsequent interpretation; political, economic and intellectual development, sectional and ethnic differences. Civil War and Reconstruction to 1877. *Both semesters, Distance Learning, three credits.*

Hi 202—United States History since 1865.

Political, economic, intellectual and military development of the United States from the post-Reconstruction era to the present. Appropriate emphasis on ethnic and women's studies. The growth of the United States to its position as a 21st century world power. *Both semesters, Distance Learning, three credits.*

Hi 300—Ancient Near East & Greece.

The rise of civilization in the Mesopotamian, Nile and Aegean areas; the development of Hellenic and

Hellenistic cultures and their contributions to later ages. *First semester, three credits. Prerequisite: Hi 101.*

Hi 301—Rome.

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. *Second semester, Distance Learning, three credits. Prerequisite: Hi 101.*

Hi 310—Middle Ages.

Medieval Europe from the fall of Rome to 1453 with emphasis on the Roman Catholic Church, the development of states and cultural revival. *Second semester, three credits. Prerequisite: Hi 101.*

Hi 330—Colonial Era in America.

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. *Three credits. Prerequisite: Hi 201.*

Hi 333—Civil War & Reconstruction.

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. *Three credits. Prerequisite: Hi 201 and Hi 202.*

Hi 350—The West Since 1914.

Europe and America from 1914 to the present with emphasis on political, economic, diplomatic, cultural, and social aspects. *Three credits. Prerequisite: Hi 102 and Hi 202.*

Hi 360—The Non-Western World Since 1914.

Struggle for independence, impact of the West, disintegration of the traditional order, emergence into the modern world, contemporary problems. *Three credits. Prerequisite: Hi 101 and Hi 102.*

Hi 370—Early Modern Europe & The French Revolution.

From the Thirty Years' War to 1815, the rise of Prussia and Russia, Napoleon and his significance, and philosophical evaluation of the era. *Three credits. Prerequisite: Hi 102.*

Hi 402—Renaissance.

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. *Second semester, Distance Learning, three credits. Prerequisite: Hi 101.*

Hi 405—Reformation.

Precursors of the German Reformation with emphasis on the contributions of Martin Luther, the Reformation in other countries and the Roman Catholic reaction. *Distance Learning, three credits. Prerequisite: Hi 101.*

Hi 406—Historiography.

Introduction to the history of history and the philosophy of history; the use of historical tools; methods of investigation; problems of interpretation. *Both semesters, three credits. Prerequisite: Hi 101 and Hi 102.*

Hi 407—England to 1750.

England from pre-Roman era to 1660. Emphasis on the monarchy, law, parliament, society, economics and church reformation. *First semester, three credits. Prerequisite: Hi 101.*

Hi 409—The Middle East.

A history of the Middle East from the introduction of Islam to the present. Includes a comparison of basic Islamic and Christian doctrines and practices. *First semester, three credits. Prerequisite: Hi 101 and Hi 102.*

Hi 418—History of Religion in America.

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. *Three credits.*

Hi 440—Historical Research & Writing.

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. Both semesters, three credits. Prerequisite: Hi 406.*

Hi 449—American Legal History.

Major developments in American legal history from the colonial period to the present with emphasis on the nineteenth and twentieth centuries. *First semester, three credits. Prerequisite: Hi 201 and Hi 202.*

Hi 451—The South.

The role of the South in the history of the United States with emphasis upon culture, society, economics and politics. *Three credits. Prerequisite: Hi 201 and Hi 202.*

Hi 452—Europe in the 19th Century.

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. *Three credits. Prerequisite: Hi 102.*

Hi 460—American Social History Since 1865.

Topics in cultural and intellectual history including diversity, literature, media and consumerism. *Three credits. Prerequisite: Hi 201 and Hi 202.*

Hi 499—European Studies.

Combination of travel and lectures in Europe. Visits and discussions related to men, movements, and sites of Protestant, Anglican and Roman Catholic history. *Three credits.*

Department of Social Studies

Criminal Justice

CJ 101—Introduction to Criminal Justice.

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, three credits.*

CJ 105—Private Security.

An introduction to private security purpose and practice. Examination of working relationship between private security and law enforcement, loss prevention, site management and personal protection. *Three credits. Prerequisite: CJ 101.*

CJ 107—Community Policing.

This course considers how the police and the community can work as a team to enhance quality of

life by reducing the incidence and severity of crime.

Second semester, three credits. Prerequisite: CJ 101.

CJ 201—Criminal Law.

Origin and development of criminal law in America; classification and analysis of crime; defense of criminal acts. *First semester, three credits. Prerequisite: CJ 101.*

CJ 202—Constitutional Law.

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. *Second semester, three credits. Prerequisite: CJ 101.*

CJ 301—Police Administration.

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. *First semester, three credits. Prerequisite: CJ 101.*

CJ 303—Criminal Investigation.

Criminal investigative procedures, case preparation, questioning of witnesses and suspects, and problems in criminal investigations. *First semester, three credits. Prerequisite: CJ 101.*

CJ 304—Crime Prevention.

This course will consider theories of crime prevention. Discussion will include personal, home, business and corporate aspects of the topic. *Second semester, three credits. Prerequisite: CJ 107.*

CJ 305—Introduction to Corrections.

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. *First semester, three credits. Prerequisite: CJ 101.*

CJ 307—Probation & Parole.

History, philosophy, and practice of probation and parole. Goals and objectives of the probation program. *Second semester, three credits. Prerequisite: CJ 305.*

CJ 310—Criminal Justice Ethics.

Public relations, counseling, motivation and leadership; ethics in professionalism, education and training; ethical considerations of legal and corrections practitioners. *First semester, three credits.*

CJ 312—Criminology.

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. *Junior standing. Second semester, three credits.*

CJ 401—Criminalistics.

Scientific crime detection; crime scene preservation and search; recording, collecting and preserving physical evidence; practical considerations of evidence collection; identification; ballistics; latent and inked fingerprints; specialized equipment. *Three credits.*

CJ 402—Criminal Court Procedures.

Administrative procedures for jury selection, case

calendaring, docket preparation, records, bail, extradition, preliminary hearing, arraignment, grand juries, criminal trials, appeals, sentencing. *Second semester, three credits. Prerequisite: CJ 201 and CJ 202.*

CJ 403—Executive & Dignitary Protection. Executive, dignitary and celebrity protection; private, corporate and government perspectives; theory; adversarial motivation; intelligence; counter strategies; hostage negotiation, organization; planning; technology; training; personal, family and travel considerations. *First semester, three credits. Prerequisite: CJ 101.*

CJ 404—Critical Issues in Criminal Justice. 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. *First semester, three credits. Prerequisite: CJ 101.*

CJ 407—Homeland Security & Terrorism. Investigates the role police agencies play in today's era of the homeland security agency and specific strategies used to prevent future terrorism. *First semester, three credits. Prerequisite: CJ 107.*

CJ 415—Criminal Justice Internship. 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 Program director. *Both semesters and summer, three credits.*

CJ 499—Independent Study in Criminal Justice. Special study of a topic chosen in consultation with criminal justice faculty. *Three credits.*

Economics, Social Studies

SSE 200—Foundations of Economics. 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, Distance Learning, three credits.*

SSE 210—Economics for the Professional. 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. *Both semesters, three credits. Prerequisite: SSE 200.*

SSE 301—Economic & Political Geography. The distribution of economic activities over the world, with emphasis on the extractive industries, manufacturing and commerce. The significance of boundaries, location and resources, with emphasis on the problems of international geostrategy. *Identical to SSG 201. First semester, three credits.*

SSE 406—Organizational Behavior. Discussion and evaluation of current theories about worker behavior, attitudes and performance—individually and corporately. Organizational structure and change. *Three credits.*

Geography, Social Studies

SSG 200—Fundamentals of Geography. World geography, with emphasis on the problems of man's relationship to the land. The distribution of population and the significance of soils, climate, terrain, vegetation, minerals and water to man. *Both semesters, three credits.*

SSG 201—Economic & Political Geography. The distribution of economic activities over the world, with emphasis on the extractive industries, manufacturing and commerce. The significance of boundaries, location and resources, with emphasis on the problems of international geostrategy. *Identical to SSE 301. First semester, three credits.*

Political Science, Social Studies

SSP 207—National Government. American government, the organization and functioning of American political life on the national level. *Both semesters and summer, Distance Learning, three credits.*

SSP 208—State & Local Government. Government on the local levels. *Both semesters, three credits.*

SSP 303—International Relations. 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, three credits.*

SSP 304—American Political Parties/Interest Groups. 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, three credits.*

SSP 310—Comparative Politics. 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. *Second semester, even-numbered calendar years, three credits. Prerequisite: SSP 207.*

SSP 311—Political Theory. A study of the major political theories from ancient, medieval, and modern times. *First semester, three credits.*

SSP 402—America's Ideological Foundation. The political beliefs of America's founding fathers; sources and foundations of these beliefs; and the effect of these views upon the substance of America's founding documents. *Second semester, odd-numbered calendar years, three credits. Prerequisite: SSP 207.*

SSP 449—American Legal History. Major developments in American legal history from the colonial period to the present, with emphasis on the nineteenth century. *First semester, three credits. Prerequisite: Hi 201 and Hi 202.*

SSP 479—Political Science Seminar.

A senior capstone course in which students produce a personal Christian political manifesto and complete a practical campaign project which evidences the student's ability to analyze and use data in decision making. *Not applicable toward a major or minor. First semester, one credit.*

SSP 489—International Studies Seminar.

Required of all students majoring in International Studies. An independent research project culminating in a formal paper showcasing the student's analytical and writing skills. *Not applicable toward a major or minor. First semester, one credit.*

SSP 498—Political Science Internship.

Assignments to be determined by department head. *Prerequisite: Junior standing and Political Science major. Six credits.*

SSP 499—Political Science Internship.

Assignments to be determined by department head. *Prerequisite: Junior standing and Political Science major. Second semester and summer, three credits.*

Sociology, Social Studies**SSS 202—Introduction to Sociology.**

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, three credits. Excludes: SCS 254.*

SSS 203—Juvenile Delinquency.

Delinquency in the United States; extent and significance, causal analysis, juvenile court and techniques of prevention and treatment. *Second semester, three credits. Prerequisite: SSS 202.*

SSS 204—Social Problems.

The nature, types and extent of social problems in contemporary society: crime, divorce, war and urbanization. *First semester, three credits. Prerequisite: SSS 202.*

SSS 305—Science: Impact on Society.

The impact of science and technology on our world, with special emphasis on environmental and public policy issues. *First semester, three credits.*

SSS 418—History of Religion in America.

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 the impact on American society. *Three credits.*

SSS 498—Field Studies: International Culture.

On-location study of history, art, music, architecture, political structure, and educational system and facilities in a foreign country. *Not applicable toward teacher education program requirements. Two credits.*

SSS 499—Field Studies: International Culture.

On-location study of history, art, music, architecture, political structure, and educational system and facilities in a foreign country. *Summer only, three credits.*

SSS 504—Cultural Anthropology.

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. *First semester, three credits.*

SCHOOL OF RELIGION**DIVISION OF BIBLE****Bible****Bi 105—Old Testament Messages.**

A study of the unfolding theme of the Bible as it is revealed through the messages of the Pentateuch and the history, poetry and prophecy books of the Old Testament. Emphases include creation, the relationship of the legal material to Christians and the practical application of the messages of these 39 books to the Christian life. *Both semesters, Distance Learning, one credit.*

Bi 109—New Testament Messages.

The unfolding theme of the Bible as it is revealed through the messages of the New Testament books, with continued emphasis on the practical application of the central themes of the inspired writers to the Christian life. *Both semesters, Distance Learning, one credit.*

Bi 210—Bible Geography.

Study of selected biblical passages in light of the historical geography and background of the biblical lands. *Both semesters, one credit.*

Bi 215—Bible Prophecy.

An examination of the great covenantal promises God made to the patriarchs, developed by the Old Testament prophets and culminated in Christ in the eschatological portions of the New Testament. *Both semesters, one credit. Excludes: NT 455*

Bi 220—The Life & Ministry of Christ.

Detailed studies of the earthly life of our Lord with particular emphasis on the spiritual significance of each aspect of His ministry. *Both semesters, one credit.*

Bi 225—Life & Ministry of Paul.

A study of the life of the apostle Paul, integrating his major teachings into a chronology of his life and times. *Both semesters, one credit.*

Bi 230—Hermeneutics.

A study of the principles of Bible interpretation, including the history of interpretation; historical, grammatical, literary, theological interpretation; issues related to the various kinds of biblical material (narrative, wisdom, prophetic, didactic); figures of speech, types, etc.; Covenant Theology and Dispensational Theology. *Both semesters, Distance Learning, two credits. Prerequisite: Bi 105 and Bi 109.*

Bi 301—Christian Doctrines.

A biblical approach to the study of the main doctrines of the Christian faith, stressing the beliefs held in common by all fundamental Christians: 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. *Associate only. Both semesters, three credits. Excludes: NT 515 and Bi 401.*

Bi 302—Christian Doctrines.

A biblical approach to the study of the main doctrines of the Christian faith, stressing the beliefs held in

common by all fundamental Christians: Man, Sin, Salvation, the Church and Eschatology. Emphasis throughout is on the practical application of the teachings of the Bible to the Christian life. *Associate only. Both semesters, three credits. Excludes: NT 516 and Bi 402.*

Bi 310—Biblical Church Ministry.

An introduction to the various components comprising biblical church ministry from the perspective of participating laymen. Examines God's purposes for the church, relationship to pastoral leadership, the roles of men and women, development of lay leaders, evangelism, discipleship, worship, music, spiritual gifts, prayer, interpersonal relationships, unity and purity. Students will develop an understanding of how to serve effectively in a local church. *Both semesters, two credits.*

Bi 325—Modern Cults.

An examination, in the light of the Word of God, of the doctrines and practices of modern cults. *Both semesters and summer, two credits.*

Bi 330—The Biblical Role of Women.

A study of the biblical passages that reveal God's role for women in the home, the church, and society in general, along with explanation of how evangelical feminists either disregard or misinterpret these passages in order to support their feminist agenda. *Both semesters, two credits.*

Bi 335—Women in the Bible.

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. *Both semesters, two credits.*

Bi 340—Studies in the Pentateuch.

A pattern for a God-centered worldview in five complementary portraits of the person of God. Discussion will include God's sovereignty over His creation, His covenantal faithfulness in redeeming man for service, His desire for fellowship with man through holiness, His wise and caring leadership of His people, and His unique position as the only proper object of man's devotion. *Both semesters, two credits. Excludes: OT 310.*

Bi 350—Studies in Old Testament Poetry.

Interpretation and practical application of the poetic portions of the Old Testament, with emphasis on the Poetic Books: Job, Psalms, Proverbs, Ecclesiastes and Song of Solomon. *Both semesters, two credits. Excludes: OT 410.*

Bi 360—Studies in the Prophets.

A study of the prophets as preachers of righteousness speaking to their contemporaries and the application of their message to us. *Both semesters, two credits. Prerequisite: Bi 105. Excludes: OT 420.*

Bi 370—Studies in the Pauline Letters.

The messages of Paul's letters to 1st-century believers and their theological and practical value for a 21st-century Christian. *Both semesters, two credits. Excludes: NT 475.*

Bi 380—Studies in the General Epistles.

A study of the messages of the non-Pauline Epistles written to 1st-century believers and their theological and practical value for a 21st-century Christian. *Both semesters and summer, two credits. Excludes: NT 480.*

Bi 401—Bible Doctrines.

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 and summer, Distance Learning, three credits. Prerequisite: Bi 230. Excludes: NT 515 and Bi 301.*

Bi 402—Bible Doctrines.

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 and summer, Distance Learning, three credits. Prerequisite: Bi 230. Excludes: NT 516 and Bi 302.*

Bi 420—Current Church Issues.

This course examines both internal and external issues that affect corporate worship. Topics include music, worship, art, drama, media and technology. *First semester, two credits.*

Bi 430—Foundations For Biblical Lifestyle.

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. *Both semesters, two credits.*

Bi 499—Apologetics & Worldview.

An analysis and defense of the Christian 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. *Both semesters, Distance Learning, three credits. Prerequisite: Bi 401 and Bi 402.*

Bi 500—Teaching Bible Principles.

A practical study designed to provide guidelines for the effective integration of biblical principles into the teaching of various subjects. *Both semesters, two credits.*

Bi 599—Near East Studies.

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 only, three credits.*

New Testament

NT 455—Old & New Testament Prophecy.

A comprehensive study of biblical foretelling, with a view to understanding theological issues, appreciating its apologetic value and making application to produce a Christ-centered, holy lifestyle. *Both semesters, two credits. Excludes: Bi 215*

NT 460—The Gospels.

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. *Both semesters, two credits. Prerequisite: Bi 109.*

NT 471—The Biblical Minister.

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, two credits.*

NT 475—Acts & the Pauline Letters.

A study of Acts through Philemon 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. *Both semesters, three credits. Prerequisite: Bi 109. Excludes: Bi 370.*

NT 480—The General Epistles.

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. *Both semesters, two credits. Excludes: Bi 380.*

NT 515—Biblical Themes.

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. *Identical to SNT 515. Both semesters, three credits. Prerequisite: Bi 105 and Bi 109. Excludes: Bi 401 and Bi 301.*

NT 516—Biblical Themes.

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. *Identical to SNT 516. Both semesters, three credits. Prerequisite: Bi 105 and Bi 109. Excludes: Bi 402 and Bi 302.*

Old Testament**OT 310—The Pentateuch.**

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. *Both semesters, two credits. Excludes: Bi 340.*

OT 320—The Historical Books.

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. *Both semesters, two credits. Prerequisite: Bi 105.*

OT 410—The Poetic Books.

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. *Both*

semesters, two credits. Prerequisite: Bi 105. Excludes: Bi 350.

OT 420—The Prophets.

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. *Both semesters, three credits. Prerequisite: Bi 105. Excludes: Bi 360.*

Department of Ancient Languages**Greek, New Testament****ALG 101—Elementary Greek I.**

Introduction to the phonology, vocabulary, grammar and syntax of biblical Greek. *Both semesters, three credits.*

ALG 102—Elementary Greek II.

Reinforcement and development in the basic principles of Greek grammar and syntax. *Both semesters, three credits. Prerequisite: ALG 101.*

ALG 201—Intermediate Greek I.

Development of working knowledge of the vocabulary, grammar and syntax of the Greek New Testament. Includes translation of selected passages. *Both semesters, three credits. Prerequisite: ALG 102.*

ALG 202—Intermediate Greek II.

Reinforcement and continued development of a working knowledge of the vocabulary, grammar and syntax of the Greek New Testament. Includes translation of selected passages. *Both semesters, three credits. Prerequisite: ALG 201.*

ALG 300—I Corinthians in Greek.

Translation and exegesis of I Corinthians, with studies in syntax and review of accident and vocabulary. *First semester, three credits. Prerequisite: ALG 202.*

ALG 303—Galatians & the Pastoral Epistles in Greek.

Exegesis of Galatians, I and II Timothy, and Titus, with study of forms, syntax and vocabulary. *Second semester, three credits. Prerequisite: ALG 202.*

ALG 400—Septuagint in the Greek New Testament.

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. *Second semester, three credits. Prerequisite: ALG 202.*

ALG 408—Matthew in Greek.

Translation and exegesis of the first Gospel, with studies in syntax and vocabulary. *First semester, three credits. Prerequisite: ALG 202. Excludes: SNT 702.*

Hebrew, Old Testament**ALH 411—Elementary Hebrew I.**

Introduction to the phonology, vocabulary, grammar and syntax of biblical Hebrew. Includes translation and analysis of selected passages in the Hebrew Bible. *First semester, three credits.*

ALH 412—Elementary Hebrew II.

Reinforcement and development in the basic principles of Hebrew grammar and syntax. Includes translation and analysis of selected portions of the Hebrew Bible. *Second semester, three credits. Prerequisite: ALH 411.*

DIVISION OF PRACTICAL STUDIES

Homiletics

Hm 301—Homiletics I.

Construction, delivery, and evaluation of expository sermons from various genres of Scripture. *First semester, three credits.*

Hm 302—Homiletics II.

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. *Second semester, three credits. Prerequisite: Hm 301.*

Hm 303—Homiletics III.

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. *Second semester, three credits. Prerequisite: Hm 302.*

Pastoral Studies

Pr 101—Preparation for Service/Evangelism.

Preparation for Service (1st 7 weeks). The devotional life, prayer life, spiritual qualifications for the ministry, conduct, call, general education, study of the Word, devotion to the ministry, the nature of service, motives. Includes discussion of standards for dating and marriage.

Personal Evangelism (2nd 7 weeks). The duty and privilege of soulwinning: Christ, the Master Evangelist; early church evangelism in Acts; building bridges; a basic soulwinning method; dealing with different types of people; follow-up; training soulwinners; evangelistic efforts. *Not applicable toward a major or minor. First semester, one credit.*

Pr 102—Discipleship/Preaching.

Personal Discipleship (1st 7 weeks). Principles, guidelines, and methods in the discipling of new converts. Includes a study of a variety of discipleship materials. Emphasis will be on one-on-one discipleship.

Fundamentals of Preaching (2nd 7 weeks). The nature and importance of preaching. Discussion of the theme concept and the means by which an effective sermon is developed. *Not applicable toward a major or minor. Second semester, one credit.*

Pr 201—Music/Youth Ministries.

Ministry of Music (1st 7 weeks). The place and importance of music in Christian worship. Scriptural principles for church music. The role of the pastor, the song leader, the choir director and/or the minister of music in the music program; congregational singing; special music; the choir; problems in the development of a quality music program. Emphasis is placed on building a church music program on scriptural principles.

The Youth Ministry (2nd 7 weeks). Focuses on the critical importance of the youth worker's character and personal walk with God as the keys to successful youth ministry. Addresses a philosophy of youth work; the characteristics and qualifications of a good youth pastor; the power of the youth pastor's example; the youth pastor/pastor relationship; the youth pastor/parent relationship; the youth pastor/

teen relationship; counseling youth; promotion and direction of the youth ministry; programs and activities. *Not applicable toward a major or minor. First semester, one credit.*

Pr 202—Missions/Ministry of Prayer.

World Missions (1st 7 weeks). The biblical basis, historical overview, and place and importance of missions. Introduction to basic missionary methods and issues. Responsibility of the local church to missions and missionaries. Preparation for mutual understanding of concerns and perspectives of both pastors and missionaries. Survey of the current missionary situation around the world.

Ministry of Prayer (2nd 7 weeks). Looks at different aspects of prayer related to the work of the ministry, including the minister's private prayer life, public praying, pastoral prayers and model prayers in the Bible. *Not applicable toward a major or minor. Second semester, one credit.*

Pr 301—Ministry & Biblical Theology of Ministry.

The Ministry and Law (1st 7 weeks). Civil law as it affects pastors, churches, Christian schools, and their ministries. Includes discussion of potential liabilities relating to abuse cases, church discipline and counseling.

Biblical Theology of Ministry (2nd 7 weeks). Various components of biblical church ministry from the perspective of church leaders. God's pattern and purposes for the church, responsibilities of leadership, roles of men and women, interpersonal relationships, unity and purity. *Not applicable toward a major or minor. First semester, one credit.*

Pr 302—Current Issues/Stewardship.

Current Issues (1st 7 weeks). An examination of the current religious context in which Fundamentalists are ministering; lectures, discussion and reading about selected modern church movements; matters of difference within Fundamentalism; Christian behavioral expectations amidst a changing culture; issues affecting the internal harmony of local churches; ecclesiastical relationships.

Personal and Church Finance (2nd 7 weeks). An in-depth look at the preacher's personal finances, including budgeting, tax advantages, social security, insurance and written resources; key attitudes in finance; ethical pitfalls in finance; the basics of church budgeting; internal controls; church building program. *Not applicable toward a major or minor. Second semester, one credit.*

Pr 395—Camp Internship.

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. *Not applicable toward a major or minor. Summer only, zero credit.*

Pr 397—Evangelism Internship.

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. *Not applicable toward a major or minor. Summer only, zero credit.*

Pr 399—Church Internship.

Practical experience and instruction in all phases of the local church ministry under the leadership of an experienced pastor. *Not applicable toward a major or minor. Both semesters and summer, zero credit.*

Pr 401—Ministry & Marriage/Cults.

Ministry and Marriage (1st 7 weeks). Preparing your life for marriage and family; being the right man, choosing the right wife; challenges of marriage and ministry; rearing godly children; involving your family in ministry; ministering to couples and families.

Cults (2nd 7 weeks). Survey of cults, noting their historical roots, basic beliefs and patterns of unbelief, with a view to equipping the pastor for the pluralistic environment in which he will minister. *Not applicable toward a major or minor. First semester, one credit.*

Pr 402—Public Ministry/Ministry Relationships.

The Pastor's Public Ministry (1st 7 weeks). An examination of the biblical requirements and responsibilities of the pastor as he leads the public church services, with a major focus on the Sunday worship service. Also includes practical guidelines about how to conduct a baptismal service, the Lord's Supper, weddings and funerals.

Ministry Relationships (2nd 7 weeks). Designed to prepare young men for the realistic challenges of church ministry; survey of the opportunities of service available to them as they initially enter the ministry; understanding and responding properly to the early challenges of ministry; transitioning from education to church ministry; ordination; candidating; keys to effectiveness; conflict resolution. *Not applicable toward a major or minor. Second semester, one credit.*

Pr 407—Preacher & His Ministry: Perspectives.

Ministerial students must register for a ministerial class (Pr 101-402, 407-408) each semester of their enrollment. Students who have credit for all ministerial classes (Pr 101-402) offered during I or II Semester, or who have irreconcilable scheduling conflicts, must enroll in Pr 407. Enrollment in this course requires attendance of the weekly combined ministerial class and it requires participation in ministerial outreach activities. *Not applicable toward a major or minor. Both semesters, zero credit.*

Pr 408—Preacher & His Ministry: Outreach.

Ministerial students must register for a ministerial class (Pr 101-402, 407-408) each semester of their enrollment. Students who have irreconcilable scheduling conflicts with Pr 101-402 classes must enroll in Pr 408. Enrollment in this course requires participation in ministerial outreach activities. *Not applicable toward a major or minor. Both semesters, zero credit.*

Department of Church Ministries

CMn 203—Youth Work.

Promotion and direction of youth work: young people's societies in the local church, evangelistic youth rallies and summer camps. *Both semesters, two credits.*

CMn 204—Introduction to Counseling.

Basic principles of counseling individuals and groups concerning spiritual needs. Application of biblical

principles to problems of life. Practical experience assignments with young people in camp work. *Summer only, three credits.*

CMn 205—Foundations in Early Child Care & Education.

An introduction to Christian early care and education with an overview of the historical and theoretical foundations of developmentally appropriate practices. The course will also introduce students to state regulations and early learning standards with special emphasis on the importance of professionalism and applying a scriptural, ministry-minded approach to working with young children and families. *Identical to EC 205 and ECC 205. Both semesters, three credits. Excludes: ECC 243.*

CMn 206—Summer Bible Ministries.

A critique of effective organization and administration of various summer Bible ministries, including vacation Bible school aims, methods, principles and procedures. *Two credits.*

CMn 207—Recreational Leadership.

History, philosophy, and objectives of recreation. Characteristics and values of recreation. Principles of recreation applied to the ministry of the church. *Identical to HPE 207. Both semesters, two credits.*

CMn 208—Personal Evangelism.

Designed to teach the fundamentals of the Christian life, soulwinning and follow-up. *Not applicable toward a major or minor. Both semesters, one credit.*

CMn 220—Methods of Mentoring.

An introduction to philosophy and methods for productive mentor relationships. The student will learn how to begin and nurture one-on-one mentor relationships and how to establish a ministry-based mentoring structure by examining scriptural truth for mentor relationships. *First semester, two credits.*

CMn 305—Introduction to Public Relations.

An 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. *Identical to JMC 215. Second semester, three credits.*

CMn 315—Leadership Internship.

A practical application of leadership skills in a work setting on the campus of Bob Jones University during the summer months. *Open only to students who are members of the BJU Leadership Training NET-Work. Three credits.*

CMn 320—Women in Christian Service.

Prepares women for the responsibilities of ministry in the home and church. Based upon the Titus 2:3-5 model, the course equips women for service and leadership roles through practical biblical instruction and exposes them to ministries of women, both past and present, through readings, class discussions and guest lecturers. *Only open to women. Both semesters, two credits.*

CMn 325—Children's Ministry.

Methods, materials, and procedures used in the evangelism and Christian growth of children. *Both semesters, two credits.*

CMn 350—History of Christianity. 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. *Both semesters, two credits.*

CMn 408—Methods of Church Planting. Training prospective church planters and entry-level pastors in effective methodology of planting and developing a church through the first five years: models, selecting a locale, basic business and legal issues, writing a church constitution and brochure, evangelism, church building program and pastor-people relations. *First semester, two credits.*

CMn 430—Christian Masterworks. A study of the lives and works of great thinkers, analyzing by the Bible their writings and contributions to Christian thought. *Both semesters, two credits.*

CMn 440—History of Revival & Evangelism. The place of revival and evangelism in Scripture and in the Christian heritage. A study of existing conditions prior to past revivals and awakenings, along with the characteristics, course, characters and consequences of each of these special movements of God's Spirit. Includes an investigation of false revivals and revivalists, along with biblical warnings. Discussions also point to the best available literature. *Second semester, odd-numbered calendar years, two credits.*

CMn 450—Church Ministry: Youth. Principles, plans and procedures to develop a written philosophy of youth ministry; principles for the effective organization, administration, and implementation of youth programs in the local church setting; and crucial issues facing teenagers, including peer pressure, friendship, sexual promiscuity, music and drugs. *First semester, two credits.*

CMn 452—Church Ministry: Discipleship. Guidelines for the development of spiritual maturity through the implementation of scriptural principles; ministry to various audiences, including areas such as camp work, elderly, and special needs; and oversight and development of the church educational program for all age-groups including Christian school and home school. *First semester, two credits.*

CMn 454—Church Ministry: Administration. The pastor's responsibility for the total care of his people; scriptural basis and guidelines for administrative management as the overseer; and legal and financial issues. *First semester, two credits.*

CMn 456—Church Ministry: Missions. The missions program of a local church: missionary care and administration. Understanding the dynamics of cross-cultural ministry; and the special challenges and opportunities of urban ministry. *First semester, two credits.*

CMn 458—Church Ministry: Evangelism. The philosophy and activity of an evangelist including planning and conducting meetings, ethics, personal challenges, and finances; preparation of focused messages for evangelism and revival preaching; and

a church evangelistic program. *First semester, two credits.*

Department of Missions

Cross-Cultural Service

CCS 210—Survey of Missions.

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, two credits.*

CCS 350—Preparing for Cross-Cultural Ministry. Biblical basis of missions; nature of a mission call; the spiritual preparation for the prospective missionary; selection of a mission board; varied aspects of deputation; relationship with the mission board, churches and fellow missionaries; preparation for culture shock on the field. *First semester, two credits.*

CCS 370—Practicum in Cross-Cultural Evangelism. The student will explore the theory and experience the reality of a cross-cultural evangelism event. Homework will include readings, actual participation and papers/reports of activities. *One credit.*

CCS 371—Two-Week Missions Experience. For laymen and prospective missionaries to gain practical experience in various missionary endeavors. Instruction and typical mission experiences will be arranged to give the student an overall view of life and work on the mission field. *Not applicable toward a major or minor. One credit.*

CCS 372—Four-Week Missions Experience. For laymen and prospective missionaries to gain practical experience in various missionary endeavors. Instruction and typical mission experiences will be arranged to give the student an overall view of life and work on the mission field. *Not applicable toward a major or minor, two credits.*

CCS 373—Six-Week Missions Experience. For laymen and prospective missionaries to gain practical experience in various missionary endeavors. Instruction and typical mission experiences will be arranged to give the student an overall view of life and work on the mission field. *Not applicable toward a major or minor. Summer only, three credits.*

CCS 399—Missions Internship. 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. Not applicable toward a major or minor. Summer only, three credits.*

CCS 402—Practice of Cross-Cultural Ministry. 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. *Second semester, even-numbered calendar years, three credits.*

CCS 404—Women in Missions.

Single and married are required to make public presentations in a variety of difficult situations and are commonly expected to demonstrate capabilities in a wide range of diverse areas. This course is designed to provide instruction and guidance in the areas of

potential challenge for women in missions. *Second semester, even-numbered calendar years, two credits.*

CCS 406—Cross-Cultural Discipleship.

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, even-numbered calendar years, two credits.*

CCS 408—Current Issues in Missions.

Selected topics dealing with significant issues and practical problems relating to missions. *Second semester, even-numbered calendar years, one credit.*

CCS 410—World Religions.

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. *Second semester, even-numbered calendar years, two credits. Prerequisite: Bi 401 or NT 515.*

SCHOOL OF FINE ARTS & COMMUNICATION

Fine Arts

FA 125—Introduction to the Arts.

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, one credit.*

DIVISION OF ART AND DESIGN

Department of Art

Ar 121—Drawing & Structural Representation I.

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 and summer, two credits.*

Ar 122—Drawing & Structural Representation II.

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. *Both semesters, two credits. Prerequisite: Ar 121.*

Ar 125—Human Anatomy.

Traditional drawing of the clothed human form with emphasis upon skeletal structure, muscles and movement in its application to illustration. *Lecture and lab. Both semesters, two credits. Prerequisite: Ar 121.*

Ar 130—Foundations I.

Introduction to aesthetic theories, principles and elements of composition, and a survey of media. Attention will be given to developing sound biblical attitudes toward art evaluation and production. *Both*

semesters, Distance Learning, two credits.

Ar 201—Foundations II.

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. *First semester, two credits. Prerequisite: Ar 130 or Ar 225.*

Ar 202—Foundations III.

A continuation of the development of the visual vocabulary and color theory applying the basic art principles in creative design projects. *Second semester, two credits. Prerequisite: Ar 201.*

Ar 204—Basic Painting.

Drawing and painting. Representation of still-life objects, the study of composition, light and shadow relationships, and the rendering of texture and form. *Both semesters and summer, two credits. Prerequisite: Ar 122 or Ar 125.*

Ar 207—Three-Dimensional Foundations.

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. *Second semester, two credits. Prerequisite: Ar 121.*

Ar 220—Ceramics I.

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, two credits.*

Ar 221—Ceramics II.

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. *Both semesters, two credits. Prerequisite: Ar 220.*

Ar 225—Appreciation of Art.

A survey of the field of art designed to give the student an intelligent appreciation of creative work. Art in the home and community, painting, sculpture, architecture, and art for industry. *Not applicable toward an Art major. Both semesters and summer, Distance Learning, two credits.*

Ar 232—Fiber Arts.

Beginning weaving and an exploration of textile surface design using applique, stitching, dying and printing techniques. *Second semester, two credits. Prerequisite: Ar 121 and Ar 130 or Ar 225.*

Ar 301—Advanced Drawing I.

Experimentation with various drawing media and techniques with emphasis on drawing on location, portraiture, and on developing the personal drawing interest of the student. *First semester, one credit. Prerequisite: Ar 201, Ar 202 and Ar 122 or Ar 125.*

Ar 302—Advanced Drawing II.

Further experience and opportunities to advance the drawing processes and skills. *First semester, one credit. Prerequisite: Ar 301.*

Ar 310—History of Art: Prehistoric to Middle Ages.

Survey of art history from prehistoric to the middle ages. Also includes art from oriental and non-western cultures. *First semester, three credits.*

Ar 311—History of Art: Renaissance to Contemporary.

Survey of art history from the Renaissance to the present. Special emphasis is placed on the relationship of art to culture and the comparison of periods of art. *Second semester, three credits.*

Ar 315—Advanced Painting I.

Upper-level projects in portrait and the costumed figure and advanced projects in pictorial structure and composition. *Both semesters, two credits. Prerequisite: Ar 204.*

Ar 316—Advanced Painting II.

Further advances in upper-level painting projects. *Both semesters, two credits. Prerequisite: Ar 315.*

Ar 317—Advanced Painting III.

In-depth development of individual style and experimentation in oils or acrylics. *Both semesters, two credits. Prerequisite: Ar 316.*

Ar 320—Book Arts.

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. *First semester, two credits. Prerequisite: Ar 121 and Ar 130 or Ar 225.*

Ar 331—Illustration I.

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. *First semester, two credits. Prerequisite: Ar 201, Ar 202 and Ar 122 or Ar 125.*

Ar 332—Illustration II.

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. *Second semester, two credits. Prerequisite: Ar 331.*

Ar 333—Fashion Illustration.

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. *Both semesters, two credits. Prerequisite: Ar 121 and Ar 202.*

Ar 341—Sculpture I.

The study of three-dimensional design with projects focusing primarily on the additive process and mold making. *Both semesters, two credits. Prerequisite: Ar 121 and Ar 207.*

Ar 401—Directed Studies I.

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. *Both semesters and summer, two credits. Prerequisite: two credits from Ar 315 or Ar 341.*

Ar 402—Directed Studies II.

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.

Both semesters and summer, two credits. Prerequisite: Ar 401.

Ar 403—Directed Studies III.

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. Discussion and development of a personal philosophy of art. *Both semesters and summer, two credits. Prerequisite: Ar 402.*

Ar 405—Printmaking: Lithography & Serigraphy.

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. *First semester, two credits. Prerequisite: Ar 202 and Ar 122 or Ar 125.*

Ar 406—Printmaking: Intaglio & Relief.

Collagraphs, etchings, aquatints, photoengraving, linocut and woodcuts are printed in colors and black and white. *Second semester and summer, two credits. Prerequisite: Ar 202 and Ar 122 or Ar 125.*

Ar 407—Advanced Printmaking.

Pursuit and development of printing techniques of specific interest to the individual artist. *Both semesters and summer, two credits. Prerequisite: Ar 405 and Ar 406.*

Ar 420—Watercolor I.

Indoor and outdoor painting and sketching in various media emphasizing watercolor techniques. Linear and atmospheric perspective, color and composition are also emphasized. *Second semester, two credits. Prerequisite: Ar 202 and Ar 122 or Ar 125.*

Ar 421—Watercolor II.

Further pursuits including outdoor painting and sketching. *Second semester, two credits. Prerequisite: Ar 420.*

Ar 426—Studio Internship.

Evaluated work experience in local galleries or businesses. Students are placed commensurate with their skills. *Both semesters and summer, three credits.*

Ar 431—Beginning Metals.

Casting and metalsmithing techniques for jewelry fabrication with emphasis on design. *Second semester, even-numbered calendar years, two credits. Prerequisite: two credits from Ar 341 or Ar 440.*

Ar 440—3D Studio Instruction.

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, two credits. Prerequisite: Ar 221 and Ar 232.*

Ar 441—3D Studio Instruction.

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. *Both semesters, two credits. Prerequisite: Ar 341 and Ar 440.*

Ar 442—3D Studio Instruction.

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. *Both semesters, two credits. Prerequisite: Ar 441.*

Ar 443—3D Studio Instruction.

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. *Both semesters, two credits. Prerequisite: Ar 442.*

Ar 444—3D Studio Instruction.

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. *Both semesters, two credits. Prerequisite: Ar 443.*

Department of Design

Apparel, Textiles and Design

ATD 130—Apparel Construction I.

Basic methods of construction using hand and machine sewing techniques. Commercial patterns used in the construction of a variety of garments. *Both semesters, three credits.*

ATD 131—Apparel Construction II.

Application of professional sewing techniques and detail work to the construction of garments using commercial patterns. *First semester, three credits. Prerequisite: ATD 130.*

ATD 220—Business of Fashion.

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. *Second semester, three credits.*

ATD 235—Apparel Design I.

Garment design techniques using a basic sloper. Dart manipulation, garment styling, and principles of fit are applied to half-scale design and construction. *Second semester, three credits. Prerequisite: ATD 131.*

ATD 240—History of Apparel.

Historical survey of dress from ancient Egypt to modern times. Style, appearance and design details studied as influenced by changes in history. *First semester, three credits.*

ATD 260—Retail Merchandising.

Concepts and methods used in retail merchandising are expanded. Development of knowledge and skills used in determining merchandising plans, inventory

control techniques, calculating markups, and terms of sale as related to the fashion business. *First semester, three credits. Prerequisite: ATD 220.*

ATD 330—Apparel Construction III.

Couture techniques applied to lined suit construction. Advanced skills include welt pockets, bound buttonholes and underlying structure in a tailored garment. *Second semester, three credits. Prerequisite: ATD 131.*

ATD 335—Apparel Design II.

Advanced study of garment design and fit. Independent design and construction of garments. *First semester, three credits. Prerequisite: ATD 235.*

ATD 340—Textiles for the Consumer.

Examination of fibers, weaves, finishes and manufacturing processes of the textile industry. Practical application of fabric names, uses and care. *Second semester, three credits.*

ATD 345—Computer Patternmaking.

Working knowledge of pattern design using computer software. Patterns created, graded and design detail added using screen slopers. *First semester, three credits. Prerequisite: ATD 235.*

ATD 430—Apparel, Textiles & Design Internship.

Field work experience in an Apparel, Textiles, and Design professional workplace. Faculty approval required. *Both semesters and summer, three credits.*

ATD 435—Apparel Design III.

Principles and practices of stretch patternmaking through the development of slopers for knit fabrics. Construction techniques for knitwear applied to design projects. *Second semester, three credits. Prerequisite: ATD 335.*

Graphic Design

GrD 140—Design Technology I.

An introduction to electronic publishing with an emphasis on designing, using Adobe Creative Suite page layout and vector-based drawing software. Rudimentary production and prepress skills developed through class time devoted to hands-on experience in design-oriented projects. *Both semesters, two credits.*

GrD 141—Design Technology II.

A study of the history and applications of the computer as it pertains to graphics. Course includes practical projects using Adobe Creative Suite image editing, page layout and drawing software packages. *Both semesters, three credits. Prerequisite: GrD 140.*

GrD 160—Typography I.

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. *Second semester, two credits.*

GrD 224—Graphic Design Production.

A comprehensive study of print production, with emphasis on digital composition and prepress. Development of basic skills in the materials and equipment used in the production of printed media. *First semester, two credits.*

GrD 308—Hand-Lettering.

A study of principles/aesthetics that guide hand-lettering with practical experiments/projects. Includes foundational study of calligraphy, historical and contemporary usage, with particular emphasis on fusing mechanical and digital lettering. *Second semester, two credits.*

GrD 321—Graphic Design I.

Development of problem solving abilities with projects in visual aesthetics for the print media. Conceptualization through symbol and layout design. Analysis and criticism of the design image. *First semester, two credits. Prerequisite: GrD 160.*

GrD 322—Graphic Design II.

Exploration of individual design solutions through the integration of composition, type and image. Examination of form, message and the interface between the visual and communicative aspects of graphic design, incorporating digital technologies in preparation of comprehensives and press-ready electronic mechanicals. *Second semester, two credits. Prerequisite: GrD 321.*

GrD 323—Typography II.

Utilization of type and typographic principles through technology in various aesthetic, business and professional applications. Exploration of the creative use of letterforms in visual communication. *First semester, two credits. Prerequisite: GrD 160.*

GrD 325—Web Design I.

An introduction to interactive design through the medium of the Web. Students will learn fundamental usability and interactive design principles and be introduced to the technologies and software used for professional Web design including basic HTML, CSS, and Flash. *First semester, three credits. Prerequisite: GrD 141.*

GrD 326—Web Design II.

An introduction to Web design from an aesthetic perspective. Focus on designing sites that are both usable and graphically pleasing. Various site types will be discussed including informative and commerce genres, making use of Text Mate, CSS Edit and Flash programs. *Second semester, two credits. Prerequisite: GrD 308 and GrD 325.*

GrD 410—Portfolio.

Guidance in preparation and presentation of a portfolio with creative resume. Portfolio review with evaluation of studio work required for graduation. *Both semesters, two credits.*

GrD 415—Graphic Design Internship.

Evaluated work experience. Students will be placed in local business or industry for application of graphic design classroom skills with job responsibilities. *Both semesters, six credits. Prerequisite: GrD 322.*

Interior Design**ID 108—Introduction to Interior Design.**

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. *First semester, three credits.*

ID 110—Basic Residential Drafting.

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, three credits. Prerequisite: ID 108.*

ID 120—Graphics for Interior Design I.

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 as a prerequisite for ID 240. *Second semester, three credits. Prerequisite: ID 110.*

ID 201—Sewing for Interior Design.

An introduction to the sewing machine, sewing notions and equipment, fabrics and professional sewing techniques for interior design. Experiences include samples of various techniques used in designer bedding, table linens, window treatments, and other designer details for any given setting. *Both semesters, three credits.*

ID 210—Residential Interior Design.

A project-based course which addresses specific design considerations of every room in residential construction. Approached from a paying customer's viewpoint as he works with the student designer on a whole-house design concept. *Second semester, three credits. Prerequisite: ID 108 and ID 110.*

ID 240—Graphics for Interior Design II.

An overview of 2D and 3D drawing and presentation software. Students will build on their AutoCAD skills and learn to create models using Revit Architecture rendering tools. *First semester, three credits. Prerequisite: ID 120.*

ID 290—History of Interior Design.

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. *Second semester, three credits.*

ID 302—Interior Design Workbench.

An elective project-based course designed to teach some basic hands-on skills for the interior designer. In addition to presentation boards of designer window and/or bed treatments, other projects may include: designing and folding swags and jabots, upholstery projects (chair seats, headboards, ottomans), wiring lamps, designing and constructing one-of-a-kind lamp shades, trash-to-treasure projects, refinishing furniture and ceramic tile projects. *Second semester, three credits. Prerequisite: ID 201.*

ID 320—Commercial Interior Design I.

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. *First semester, three credits. Prerequisite: ID 108, ID 120 and ID 240.*

ID 330—Commercial Interior Design II.

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. *Second semester, three credits. Prerequisite: ID 108, ID 120 and ID 240.*

ID 360—Building Systems & Codes.

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. *First semester, three credits. Prerequisite: ID 110.*

ID 370—Materials & Components of Interior Design.

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. *Second semester, three credits. Prerequisite: ID 110.*

ID 400—Interior Design Professional Practice.

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. *First semester, three credits.*

ID 410—Interior Lighting for the Interior Designer.

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. *First semester, three credits. Prerequisite: ID 120 and ID 240.*

ID 420—Interior Design Internship.

Open only upon recommendation of the department chairman. Place of internship will determine specific design experiences in which students will participate. May be done while the student is in residence or while the student is home for a full grading period (summer, semester). *Both semesters and summer, three credits. Requisite: permission of department head.*

ID 430—Sustainable Design.

A study of environmentally conscious design. Topics include the impact of systems and interior building materials on the health, safety, and well-being of current and future generations of users. *Second semester, three credits. Prerequisite: ID 240 and ID 360.*

ID 440—Interior Design Independent Study.

An elective faculty-supervised project class for the advanced student. Offered on an as-needed basis with the approval of the Interior Design faculty. *Both semesters, three credits.*

Photography

Pho 100—Photography Fundamentals.

(Supply fee: actual cost of materials used.) Introduction to still photography. Basic principles of digital photography and the use of the flash. Emphasis on a technical and aesthetic foundation of photographic skills, including composition, theme and exposure. Regular photography assignments will be given. *Both semesters and summer, Distance Learning, three credits.*

Pho 200—Digital Photography.

(Supply fee: Actual cost of materials used.) Digital image management and image manipulation. File management is taught with a specified workflow using Adobe Lightroom emphasizing current industry standards and guidelines. Adobe Photoshop will be used for image manipulation and will include tonal corrections and retouching techniques. *Both semesters and summer, Distance Learning, three credits. Prerequisite: Pho 100.*

Pho 300—Photojournalism.

(Supply fee: Actual cost of materials used.) Theory and practice of newspaper photojournalism and visual storytelling; ethics and history of photojournalism. In addition to learning theory, students will have opportunities for practical application of photojournalistic principles during in-class shoots and client-driven assignments. *Both semesters, three credits. Prerequisite: Pho 200.*

Pho 301—The Art of Photography.

(Supply fee: Actual cost of materials used.) Exploration of the photographic image as a personal artistic expression. Emphasis on the black and white image with location shooting assignments and digital photo manipulation (Photoshop, Lightroom). Course includes assembling and matting a body of work for presentation. *First semester, three credits. Prerequisite: Pho 200.*

Pho 310—Introduction to Professional Photography.

(Supply fee: Actual cost of materials used.) An overview of the advanced cameras and business skills a professional photographer needs to know with a major emphasis on lighting. *Second semester, three credits. Prerequisite: Pho 200.*

Pho 401—Wedding Photography.

(Supply fee: Actual cost of materials used.) A concentration on lighting and posing techniques used in wedding photography, including multiple flash lighting techniques for individual, couple and group photographs both indoor and outdoor. Assignments will include using a medium format camera as well as a digital camera. In addition to the shooting assignments, students will be required to create a wedding package proposal, a negative tracking system and a small wedding album. *First semester, three credits. Prerequisite: Pho 310.*

Pho 402—Portrait Photography.

(Supply fee: Actual cost of materials used.) An exploration into the art of photographic portraiture. Students will examine and produce both retail and fine art portraits. Assignments will promote technical, perceptual, aesthetic, and creative skills. *Second semester, three credits. Prerequisite: Pho 310.*

Pho 403—Commercial Photography: Industrial.

(Supply fee: Actual cost of materials used.) A concentration on lighting techniques and compositional guidelines in commercial photography, including controlled lighting techniques for textile, architecture and large product photography. Assignments will be photographed with perspective cameras, including a 4x5 view camera as well as a digital camera. In addition to completing personal projects, students will complete group photographic assignments. *Second semester, odd-numbered calendar years, three credits. Prerequisite: Pho 310.*

Pho 404—Commercial Photography: Tabletop Product.

(Supply fee: Actual cost of materials used.)
A concentration on lighting techniques and compositional guidelines in commercial photography, including controlled lighting techniques for small product photography. Assignments will be photographed with perspective cameras, including a 4x5 view camera as well as a digital camera. In addition to completing personal projects, students will complete group photographic assignments.
Second semester, even-numbered calendar years, three credits. Prerequisite: Pho 310.

DIVISION OF MUSIC

Department of Music History and Literature

Mu 101—Introduction to Music Literature.

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. Open to music majors and minors. *Both semesters, two credits.*

Mu 225—Appreciation of Music.

Provides the necessary background for the appreciation of music by a general survey of aesthetic and formalistic principles in music and their sociological and historical implications. Guided listening. *Not applicable toward major or minor. Both semesters, Distance Learning, two credits.*

Mu 303—History of Music I.

A survey of the development of Western music beginning with ancient music through the end of the Renaissance. Stylistic analysis of representative compositions from an aural and visual standpoint as well as music's relation to society and culture. *First semester, two credits. Prerequisite: MT 205 and Mu 101.*

Mu 304—History of Music II.

A continuing survey of the development of Western music beginning with the Baroque through classical periods. Stylistic analysis of representative compositions from an aural and visual standpoint as well as music's relation to society and culture. *Second semester, two credits. Prerequisite: MT 205 and Mu 101.*

Mu 305—History of Music III.

A continuing survey of the development of Western music beginning with the Romantic 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. *Both semesters, three credits. Prerequisite: MT 205 and Mu 101.*

Mu 400—Percussion Literature Survey.

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles. *Three credits. Prerequisite: MT 206.*

Mu 401—String Literature Survey.

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles. *Three credits. Prerequisite: MT 206.*

Mu 402—Woodwind Literature Survey.

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles. *Three credits. Prerequisite: MT 206.*

Mu 403—Harp Literature Survey.

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles. *Three credits. Prerequisite: MT 206.*

Mu 404—Voice Literature Survey.

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles. *First semester, odd-numbered calendar years, three credits. Prerequisite: MT 206.*

Mu 405—Piano Literature Survey.

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles. *First semester, odd-numbered calendar years, three credits. Prerequisite: MT 206.*

Mu 406—Organ Literature Survey.

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles. *Three credits. Prerequisite: MT 206.*

Mu 407—Brass Literature Survey.

An introduction to representative solo literature, student etudes, and reference works for each brass instrument. *Three credits. Prerequisite: MT 206.*

Mu 507—The Christian Musician.

The development of a distinctly Christian philosophy of music based on and in agreement with Scripture. Readings in and examination of modern trends, styles, and movements in secular and church music in the light of Scripture. *Second semester, one credit.*

Mu 508—Research & Writing in Music.

An introduction to research and writing techniques in music. Emphasis on musical analysis and description and investigation of appropriate sources. *First semester, two credits.*

Mu 509—Introduction to Chamber Music.

An introduction to chamber music stressing topics such as technical demands of ensembles, survey of important repertoire, rehearsal techniques and communication, intonation, programming and stage deportment. Chamber groups and repertoire assigned and/or approved by the instructor. Performance opportunities provided. *Second semester, odd-numbered calendar years, one credit.*

Mu 599—European Studies: Music.

The development of music in Europe from Renaissance to modern times; provides a background for the appreciation of music through direct contact with European culture. Attendance at European music festival concerts and operas correlated with a survey of European music. *Summer only, three credits.*

Department of Music Theory and Technology

Music Technology

MTc 201—Introduction to Music Technology.

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. *Both semesters, one credit. Prerequisite: MT 106 and Mu 101.*

MTc 202—Notation in Music Technology I. Fundamentals of music typesetting including an overview of standard notation programs for the computer, with an emphasis on Finale. *Identical to ME 202. Both semesters, two credits. Prerequisite: MTC 201.*

MTc 501—MIDI & Digital Audio Production Techniques. 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 and MME 501. Second semester, even-numbered calendar years, two credits. Prerequisite: MTC 201.*

Music Theory

MT 105—Theory I. Accelerated review of music fundamentals. Introduction to tonality, including partwriting, voice leading and in-depth discussion of tonic and dominant functions. Integrated approach includes analysis, writing, sight-singing, listening and dictation. *First semester, four credits. Prerequisite: Rudiments of Music Theory Test.*

MT 106—Theory II. Continued study of tonality from harmonic and linear perspectives, including pre-dominant functions, the phrase model and common diatonic harmonic functions. Introduction to phrase-level form, harmonic sequences and chromaticism (applied dominants and tonicization). Integrated approach includes analysis, writing, sight-singing, listening and dictation. *Second semester, four credits. Prerequisite: MT 105.*

MT 205—Theory III. 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. First semester, four credits. Prerequisite: MT 106.*

MT 206—Theory IV. 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. Second semester, four credits. Prerequisite: MT 205.*

MT 301—Elements of Conducting. Introduction to basic choral and instrumental conducting. Development of hand independence and baton technique through extensive in-class conducting. *Both semesters, one credit. Prerequisite: MT 106.*

MT 302—Choral Conducting. 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. Second semester, two credits. Prerequisite: MT 301.*

MT 303—Instrumental Conducting. 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. *Second semester, two credits. Prerequisite: MT 206 and MT 301.*

MT 409—Form & Analysis. 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. *Second semester, two credits. Prerequisite: MT 206.*

MT 499—Theory Review. Accelerated review of the elements and principles of musical composition of the common practice era, including application of aural skills. Introduction to key current perspectives in graduate-level theory and analysis. Review class for graduate studies. Credit not applicable to any degree. *First semester, even-numbered calendar years, two credits.*

MT 501—Eighteenth-Century Counterpoint. 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. *Both semesters, two credits. Prerequisite: MT 206.*

MT 502—Choral Composition. Foundational elements of writing choral music. Listening, reading, singing and analysis of model compositions. Applicable readings and exercises. *First semester, two credits. Prerequisite: MT 206.*

MT 504—Orchestration. Band and orchestral instruments, their ranges, technical and sonorous advantages and limitations, transpositions and place in the score. Extensive practice in arranging technique. *First semester, two credits. Prerequisite: MT 206.*

MT 506—Introduction to Schenkerian Analysis. Analysis of selected masterworks from Bach to Brahms using techniques developed by Heinrich Schenker, with emphasis on aural comprehension of voice leading. *First semester, odd-numbered calendar years, two credits. Prerequisite: MT 501.*

MT 507—Basic Composition. Foundational elements of composition. Exploration of various facets of creativity and craft. Listening, singing and analysis of model compositions. Applicable readings and composition exercises. *Second semester, two credits. Prerequisite: MT 501.*

MT 508—Analytic Techniques for Modern Music. A study of the materials and techniques of art music of the twentieth and twenty-first centuries. *Second semester, odd-numbered calendar years, two credits.*

Department of Church Music

Church Music

SM 100—Church Music Administration I. A study of the philosophy, organization, leadership and resources for using music in the ministry of the local church. Emphasis on criteria for leadership,

music in ministry, congregational singing, the copyright law, and service planning. *Second semester, two credits.*

SM 101—Hymn Reading.

Reading of gospel songs and hymns and simple improvisation. *Both semesters and summer, one credit. Prerequisite: Hymn Reading/Hymn Improvisation Audition.*

SM 102—Hymn Reading.

Reading of gospel songs and hymns and simple improvisation. *Both semesters and summer, one credit. Prerequisite: Hymn Reading/Hymn Improvisation Audition.*

SM 103—Hymn Improvisation Class.

Sight-reading of gospel songs and hymns, chord formation, improvisation, transposition. Emphasis on congregational accompaniment techniques. Fundamentals of solo arrangements. *Both semesters and summer, one credit. Prerequisite: Hymn Reading/Hymn Improvisation Audition.*

SM 104—Hymn Improvisation Class.

Sight-reading of gospel songs and hymns, chord formation, improvisation, transposition. Emphasis on congregational accompaniment techniques. Fundamentals of solo arrangements. *Both semesters, one credit. Prerequisite: Hymn Reading/Hymn Improvisation Audition.*

SM 211–281—Private Hymn Improvisation.

Sight-reading of gospel songs and hymns, transposition, improvisation and advanced congregational accompaniment techniques. Solo arranging, vocal solo accompaniment and prelude planning. *One credit. Prerequisite: Hymn Reading/Hymn Improvisation Audition.*

SM 301—Church Music Administration II.

A study of the philosophy, organization, leadership and resources for using music in the ministry of the local church. Emphasis on vocal solos, small vocal ensembles, adult choir and the music library. *First semester, two credits. Prerequisite: SM 100.*

SM 302—Church Music Administration III.

A study of the philosophy, organization, leadership and resources for using music in the ministry of the local church. Emphasis on children's choirs, piano, organ, orchestral instruments, handbells and topical/seasonal services. *Second semester, two credits. Prerequisite: SM 301.*

SM 307—Congregational Song Leading.

The application of conducting techniques to congregational singing; the choosing of hymns and gospel songs for evangelistic musical programs; platform techniques. *Open only to men. Lecture and lab. Second semester, one credit.*

SM 491—Church Music Practicum.

Guided experience in administering and directing the music ministry in a local church; supervised by a qualified music director or pastor in a church. *First semester, zero credit. Prerequisite: MT 301, SM 302 and SM 307.*

SM 492—Church Music Practicum.

Guided experience in administering and directing the music ministry in a local church; supervised by a qualified music director or pastor in a church. *Second semester, zero credit. Prerequisite: MT 301, SM 302 and SM 307.*

SM 503—Hymnology.

The history and development of the hymn and hymn tune, types of hymns and their uses, and analysis and interpretation of hymns and gospel songs. Standard hymnals reviewed. *First semester, three credits.*

Department of Vocal Studies

Voice

Vo 101–104—Voice Class.

Voice is offered to all students without additional cost above regular tuition. These classes are arranged according to demand. Material studied will be adapted to the student's individual needs. *Both semesters and summer, one credit. Prerequisite: Voice Audition.*

Vo 211–281—Private Voice Instruction for the Non-Major.

Both semesters and summer, one credit. Prerequisite: Voice Audition.

Vo 311–381—Private Instruction for the Voice Minor.

Both semesters and summer, one credit. Prerequisite: Voice Audition.

Vo 400—Voice Pedagogy I.

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. *First semester, two credits.*

Vo 401—Voice Pedagogy II.

A study of the procedures used in the teaching of the fundamentals of vocal production with an emphasis on supervised, clinical teaching experiences. Observation of voice classes and private lessons. *Second semester, odd-numbered calendar years, two credits. Prerequisite: Vo 400.*

Vo 411–422—Freshman Voice.

Correct breathing and tone production, simple vocalises, principles of phonetics as applied to singing and simple songs in Italian or English. *Both semesters and summer, one to two credits. Prerequisite: Voice Audition.*

Vo 431–442—Sophomore Voice.

Principles of song projection and stage deportment; vocalises of medium difficulty; songs of the old Italian classics, early French, German lieder and Old English; and simple operatic arias. A short recital is presented during the fourth semester. *Both semesters and summer, one to two credits. Prerequisite: Vo 421 or Vo 422.*

Vo 451–462—Junior Voice.

Vocalises; operatic arias—French, German or Italian, selections from the lighter oratorios and cantatas; and English songs of medium difficulty. Preparation for senior recital. *Both semesters and summer, one to two credits. Prerequisite: Vo 441 or Vo 442.*

Vo 471–483—Senior Voice.

More difficult operatic arias; selections from the heavier works of oratorio; modern English songs; and senior recital presenting selections from the Italian, French or German schools, and Old English and Modern English. *Both semesters and summer, one to three credits. Prerequisite: Vo 461 or Vo 462.*

Vo 503—Drama in Singing I.

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, two credits. Prerequisite: Sophomore Platform Passed.*

Vo 504—Drama in Singing II.

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. *First semester, two credits. Prerequisite: Vo 503.*

Vo 506—Diction for Singers.

The fundamentals of French, German, Italian and Church Latin diction and their application in the pronunciation of song texts from the standard vocal repertoire. *Second semester, even-numbered calendar years, three credits.*

Department of Keyboard Studies

Organ

Or 211–281—Private Organ Instruction for the Non-Major.

Text: Davis: The Organist's Manual. Organ is offered to all students who satisfactorily pass an audition on the organ or piano. *Both semesters, one credit. Prerequisite: Organ Audition.*

Or 311–381—Private Instruction for the Organ Minor.

Principal instrument only. *Both semesters, one credit. Prerequisite: Organ Audition.*

Or 400—Organ Pedagogy.

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. *Two credits.*

Or 411–422—Freshman Organ.

Text: Davis: The Organist's Manual, Bach: Short Preludes and Fugues, Chorales from the Orgelbuchlein; selected works from Romantic and Twentieth-Century composers; hymns. *Both semesters, one to two credits. Prerequisite: Organ Audition.*

Or 431–443—Sophomore Organ.

Bach: selected preludes and fugues, Chorales from the Orgelbuchlein; Brahms: Chorale Preludes; Franck: Prelude, Fugue and Variation; additional works from Romantic and Twentieth-Century composers. *Both semesters, one to three credits. Prerequisite: Or 421 or Or 422.*

Or 451–463—Junior Organ.

Representative pieces of the pre-Bach era; Bach: Preludes and Fugues in F minor, C minor, B minor; Franck: Chorales; Vierne: selected movements from the organ symphonies; additional works from Romantic and Twentieth-Century composers; preparation and presentation of the junior recital. *Both semesters, one to three credits. Prerequisite: Or 441, Or 442 or Or 443.*

Or 471–483—Senior Organ.

Representative works of the pre-Bach composers; Bach: Trio Sonatas, Preludes and Fugues in D major, G major, A minor, E-flat major, chorale preludes from the Great Eighteen, Schubler or Clavierübung, Part III; Mendelssohn: Sonatas; Saint-Saens: Preludes and Fugues; additional works from Romantic and Twentieth-Century composers; preparation and presentation of the senior recital. *Both semesters, one to three credits. Prerequisite: Or 461, Or 462 or Or 463.*

Or 501—Service Playing.

Sight-reading of hymns; transposition; figured bass; improvisation; modulation; solo, anthem and congregational accompaniment; practical experience. *Two credits.*

Piano

Pi 101–105—Piano Classes for the Non-Major.

Piano is offered to all students, including beginners, without additional cost above regular tuition. These classes are arranged according to demand. *Both semesters and summer, one credit. Prerequisite: Piano Audition.*

Pi 196–199—Piano Classes for Voice & Orchestral Instrument Majors or Principals.

For music majors preparing for the secondary proficiency examination in piano. *Both semesters, one credit. Prerequisite: Piano Audition.*

Pi 211–281—Private Piano Instruction for the Non-Major.

Both semesters and summer, one credit. Prerequisite: Piano Audition.

Pi 311–381—Private Instruction for the Piano Minor.

Principal instrument only. *Both semesters and summer, one credit. Prerequisite: Piano Audition.*

Pi 411–423—Freshman Piano.

Acquiring sound, authoritative techniques; and careful study of performance of suitable compositions from the Baroque, Classical, Romantic and Twentieth-Century style periods. *Both semesters and summer, one to three credits. Prerequisite: Piano Audition. Corequisite: Pi 099.*

Pi 431–443—Sophomore Piano.

A continuation and intensification of the work described under Pi 411-422. *Both semesters and summer, one to three credits. Prerequisite: Pi 421 or Pi 422. Corequisite: Pi 099.*

Pi 451–463—Junior Piano.

Classic piano works; preparation and presentation of the junior recital. *Both semesters and summer, one to three credits. Prerequisite: Pi 441, Pi 442 or Pi 443. Corequisite: Pi 099.*

Pi 471–483—Senior Piano.

Preparation and presentation of senior recital, consisting of such representative compositions as Bach: Prelude and Fugue from the Well-Tempered Clavier; Beethoven: Sonata, Op. 81A; Schumann: Fantasy Pieces; Chopin: Nocturnes or Polonaises; and Debussy: Images. Advanced accompanying. *Both semesters and summer, one to three credits. Prerequisite: Pi 461, Pi 462 or Pi 463. Corequisite: Pi 099.*

Piano Pedagogy

PPd 201—Graded Piano Literature I.

Analysis of elementary through lower-intermediate piano literature. Comparison and evaluation of the best piano series currently available. *First semester, two credits. Prerequisite: MT 106.*

PPd 202—Graded Piano Literature II.

Analysis of upper-intermediate and advanced piano literature. *Second semester, two credits. Prerequisite: Ppd 201.*

PPd 301—Piano Intern Instruction I.

Observation of master teachers and teaching of piano students in group and private settings under faculty guidance. *First semester, one credit. Prerequisite: Ppd 201.*

PPd 302—Piano Intern Instruction II.

Observation of master teachers and teaching of piano students in group and private settings under faculty guidance. *Second semester, one credit. Prerequisite: Ppd 301.*

PPd 401—Piano Intern Instruction III.

Observation of master teachers and teaching of piano students in group and private settings under faculty guidance. *First semester, two credits. Prerequisite: Ppd 302.*

PPd 402—Piano Intern Instruction IV.

Observation of master teachers and teaching of piano students in group and private settings under faculty guidance. *Second semester, two credits. Prerequisite: Ppd 401.*

PPd 403—Piano Pedagogy for the Group Instructor.

Principles of group piano instruction. A survey of contemporary methods and practical experience in the electronic piano laboratory. *Second semester, two credits. Prerequisite: MT 106.*

PPd 501—Piano Pedagogy for the Private Instructor.

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. *First semester, three credits. Prerequisite: MT 106.*

Department of Instrumental Studies

Bassoon

Bsn 211–281—Bassoon Instruction for the Non-Major.

Both semesters, one credit. Prerequisite: Bassoon Audition.

Bsn 311–381—Private Instruction for the Bassoon Minor.

Principal instrument only. *Both semesters, one credit. Prerequisite: Bassoon Audition.*

Bsn 411–483—Bassoon.

A progressive study of the various aspects of Bassoon performance including embouchure, breathing, vibrato, tone production, finger technique, intonation, tonguing, reed-making and adjusting, bocal selection, articulation, dynamics, phrasing and styling using the methods and studies of such composers as Weissenborn, Milde and Gambaro; orchestral studies of Stadio and Dherin; solo and chamber literature of

all style periods using the music of such composers as Vivaldi, Galliard, Mozart, Weber, Saint-Saens, Hindemith and Jacob; junior and senior recitals. *Both semesters, one credit. Prerequisite: Bassoon Audition.*

Brass Pedagogy

Br 400—Brass Pedagogy.

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. *Two credits.*

Cello

Cel 101—Cello Class.

Cello is offered to all students without additional cost above regular tuition. These classes are arranged according to demand. *Both semesters, one credit. Prerequisite: Cello Audition.*

Cel 211–281—Cello Instruction for the Non-Major.

Both semesters, one credit. Prerequisite: Cello Audition.

Cel 311–381—Private Instruction for the Cello Minor.

Principal instrument only. *Both semesters, one credit. Prerequisite: Cello Audition.*

Cel 411–422—Freshman Cello.

Scales, arpeggios; attention to all technical deficiencies; Dupont or Schroeder etudes; Vivaldi, Handel, Eccles, or Mendelssohn sonata; pieces by Bach, Faure, Popper, Granados and Nin. *Both semesters, one to two credits. Prerequisite: Cello Audition.*

Cel 431–443—Sophomore Cello.

Scales, arpeggios; Gruetzmacher or Piatti etudes; Grieg, Haydn, or Boccherini sonata; J. C. Bach, Lalo or Schumann concerto; pieces by Tartini, Chopin, Rachmaninoff and Bloch. *Both semesters, one to three credits. Prerequisite: Cel 421 or Cel 422.*

Cel 451–463—Junior Cello.

Scales, arpeggios; Piatti or Franchomme etudes; Bach, Schubert, Beethoven, or Brahms sonata; Boccherini, Saint-Saens or Elgar concerto; pieces by Cassado, Scriabin, Schumann and Bruch; technique test; junior recital. *Both semesters, one to three credits. Prerequisite: Cel 441, Cel 442 or Cel 443.*

Cel 471–483—Senior Cello.

Scales, arpeggios; Franchomme or Popper etudes; pieces by Chopin, Locatelli, Kodaly or Bach unaccompanied sonata; Dvorak, Haydn or Khachaturian concerto; pieces by Frescobaldi, Schumann, Weber and Tchaikovsky; senior recital. *Both semesters, one to three credits. Prerequisite: Cel 461, Cel 462 or Cel 463.*

Clarinet

Cl 211–281—Clarinet Instruction for the Non-Major.

Both semesters, one credit. Prerequisite: Clarinet Audition.

Cl 311–381—Private Instruction for the Clarinet Minor.

Principal instrument only. *Both semesters, one credit. Prerequisite: Clarinet Audition.*

Cl 411–483—Clarinet.

A progressive study of the various aspects of clarinet performance including embouchure, breathing, tone

production, finger technique, intonation, tonguing, transposition, mouthpiece selection, reed selection and adjustment, articulation, dynamics, phrasing and styling using the methods and studies of such composers as Baermann, Rose, Uhl and Jeanjean; orchestral studies of McGinnis and Drucker; solo and chamber literature of all style periods using the music of such composers as Stamitz, Mozart, Weber, Brahms, Debussy and Martinu; junior and senior recitals. *Both semesters, one to three credits.*
Prerequisite: Clarinet Audition.

Double Bass

StB 211–281—Double Bass Instruction for the Non-Major.

Both semesters, one credit. Prerequisite: Double Bass Audition.

StB 311–381—Private Instruction for the Double Bass Minor.

Principal instrument only. *Both semesters, one credit.*
Prerequisite: Double Bass Audition.

StB 411–483—Double Bass.

Study in all phases of performance; technical studies; solo literature from the standard repertoire; ensemble and orchestra repertoire. *Both semesters, one credit.*
Prerequisite: Double Bass Audition.

Euphonium

Eu 211–281—Euphonium Instruction for the Non-Major.

Both semesters, one credit. Prerequisite: Euphonium Audition.

Eu 311–381—Private Instruction for the Euphonium Minor.

Principal instrument only. *Both semesters, one credit.*
Prerequisite: Euphonium Audition.

Eu 411–483—Euphonium.

A progressive study of all areas of performance with emphasis on correct breathing, tone and embouchure development; scales, arpeggios, flexibility studies from Remington and Colin; etudes and technical studies by Slama, Kopprasch, Fink, Rochut, Arban and Clarke; clef studies; solo literature of all style periods selected from the trombone and cornet literature; ensemble and orchestral repertoire; pedagogical skills; junior and senior recitals. *Both semesters, one to three credits.*
Prerequisite: Euphonium Audition.

Flute

Fl 101—Beginning Flute Class.

Flute is offered to all students without additional cost above regular tuition. These classes are arranged according to demand. *One credit. Prerequisite: Flute Audition.*

Fl 211–281—Flute Instruction for the Non-Major.

Both semesters, one credit. Prerequisite: Flute Audition.

Fl 311–381—Private Instruction for the Flute Minor.

Principal instrument only. *Both semesters, one credit.*
Prerequisite: Flute Audition.

Fl 411–483—Flute.

A progressive study of the various aspects of flute performance including embouchure, breathing, vibrato, tone production, finger technique, intonation, tonguing, articulation, dynamics, phrasing and styling using the methods and studies of such composers as Moyses, Andersen, Taffanel-Gaubert, Karg-Elert

and Genzmer; orchestral studies of Wummer and Smith; solo and chamber literature of all style periods using the music of such composers as J. S. Bach, Mozart, Reinecke, Poulenc and Hindemith; junior and senior recitals. *Both semesters, one to three credits.*
Prerequisite: Flute Audition.

Guitar

Gtr 411–483—Guitar.

A progressive study in all phases of classical guitar performance with an emphasis on finger independence, preparation and tone production. This includes in-depth study in all aspects of technique through the use of extensive repertoire written or transcribed for the classical guitar. *Both semesters, one to three credits. Prerequisite: Guitar Audition.*

Harp

Hrp 211–281—Harp Instruction for the Non-Major.

Both semesters, one credit. Prerequisite: Harp Audition.

Hrp 311–381—Private Instruction for the Harp Minor.

Principal instrument only. *Both semesters, one credit.*
Prerequisite: Harp Audition.

Hrp 401—Harp Pedagogy.

General principles of teaching harp (methods, materials, techniques), basic repertoire, as well as music terminology and harp maintenance. *Two credits.*

Hrp 411–483—Harp.

A progressive study of the various aspects of harp performing including technique studies, articulation, dynamics, phrasing and performance skills. Major composers for harp such as Salzedo, Grandjany, Renie and Parish Alvers will be studied. *Both semesters, one to three credits. Prerequisite: Harp Audition.*

Horn

Hn 211–281—Horn Instruction for the Non-Major.

Both semesters, one credit. Prerequisite: Horn Audition.

Hn 311–381—Private Instruction for the Horn Minor.

Principal instrument only. *Both semesters, one credit.*
Prerequisite: Horn Audition.

Hn 411–483—Horn.

A progressive study of all areas of performance with emphasis on correct breathing, tone and embouchure development; scales, arpeggios, flexibility studies by Singer; etudes and technical studies by Gallaay, Kopprasch, Franz, Maxime-Alphonse and Reynolds; solo literature of all style periods by such representative composers as Haydn, Mozart, Beethoven, Schumann, Saint-Saens, Strauss, Dukas, Boza and Hindemith; ensemble and orchestral repertoire; pedagogical skills; junior and senior recitals. *Both semesters, one to three credits.*
Prerequisite: Horn Audition.

Oboe

Ob 211–281—Oboe Instruction for the Non-Major.

Both semesters, one credit. Prerequisite: Oboe Audition.

Ob 311–381—Private Instruction for the Oboe Minor.

Principal instrument only. *Both semesters, one credit.*
Prerequisite: Oboe Audition.

Ob 411–483—Oboe.

A progressive study of the various aspects of oboe performance including embouchure, breathing, vibrato, tone production, finger technique, intonation, tonguing, reed-making and adjusting, articulation, dynamics, phrasing and styling using the methods and studies of such composers as Barrett, Salviani, Ferling and Singer; orchestral studies of Rothwell and Heinze; solo and chamber literature of all style periods using the music of such composers as Telemann, Handel, Schumann, Saint-Saens, Hindemith and Poulenc; junior and senior recitals. *Both semesters, one to three credits. Prerequisite: Oboe Audition.*

Percussion

Per 211–281—Percussion Instruction for the Non-Major.

Both semesters, one credit. Prerequisite: Percussion Audition.

Per 311–381—Private Instruction for the Percussion Minor.

Principal instrument only. *Both semesters, one credit. Prerequisite: Percussion Audition.*

Per 401—Percussion Pedagogy.

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. *Two credits.*

Per 411–483—Percussion.

A progressive study in all phases of performance with emphasis on orchestral technique: snare drum (studies from Harr, Cirone, Payson, Goldenberg and Delecluse), Timpani (studies from Goodman and Whaley), and Mallets (studies from Musser, Stevens, Goldenberg, Stout and others); solo repertoire by such representative composers as Vivaldi, Bach, Handel, Varese, Colgrass, Musser, Carter, Kraft and Stout; ensemble and orchestral repertoire; pedagogical skills; junior and senior recitals. *Both semesters, one to three credits. Prerequisite: Percussion Audition.*

Saxophone

Sax 211–281—Saxophone Instruction for the Non-Major.

Both semesters, one credit. Prerequisite: Saxophone Audition.

Sax 311–381—Private Instruction for the Saxophone Minor.

Principal instrument only. *Both semesters, one credit. Prerequisite: Saxophone Audition.*

Sax 411–483—Saxophone.

A progressive study of the various aspects of Saxophone performance including embouchure, breathing, vibrato, tone production, finger technique, intonation, tonguing, altissimo register, mouthpiece selection, reed selection and adjustment, articulation, dynamics, phrasing and styling using the methods and studies of such composers as Rascher, Mule, Teal, Ferling and Karg-Elert; orchestral studies of Ronkin-Fracotti; solo and chamber literature of all style periods using the music of such composers as Handel, Eccles, Glazounov, Ibert, Heiden and Creston; junior and senior recitals. *Both semesters, one to three credits. Prerequisite: Saxophone Audition.*

String Pedagogy

SPd 403—String Pedagogy I.

The major schools of string teaching and their methodologies. Development of string playing and string pedagogy from the Baroque to the present. Advanced string techniques including bowing, shifting, and practice skills. *First semester, even-numbered calendar years, two credits.*

SPd 404—String Pedagogy II.

A continuation of general principles for establishing a studio including purchase and maintenance of instruments, business procedures and effective studio policies. *Second semester, odd-numbered calendar years, two credits. Prerequisite: SPd 403.*

Trombone

Tbn 211–281—Trombone Instruction for the Non-Major.

Both semesters, one credit. Prerequisite: Trombone Audition.

Tbn 311–381—Private Instruction for the Trombone Minor.

Principal instrument only. *Both semesters, one credit. Prerequisite: Trombone Audition.*

Tbn 411–483—Trombone.

A progressive study of all areas of performance with emphasis on correct breathing, tone and embouchure development; scales, arpeggios, flexibility studies from Remington and Colin; etudes and technical studies by Slama, Tyrrell, Kopprasch, Fink, Rochut, Blazevich, Gillis and Bitsch; clef studies; solo literature of all style periods by such representative composers as Vivaldi, Galliard, Telemann, Bach, Mozart, Cords, Guilmant, David, Grafe, Pryor, Barat, Bozza, Casterade, Hindemith and Jacob; ensemble and orchestral repertoire; pedagogical skills; junior and senior recitals. *Both semesters, one to three credits. Prerequisite: Trombone Audition.*

Trumpet

Tr 211–281—Trumpet, Cornet Instruction for the Non-Major.

Both semesters, one credit. Prerequisite: Trumpet or Cornet Audition.

Tr 311–381—Private Instruction for the Trumpet, Cornet Minor.

Principal instrument only. *Both semesters, one credit. Prerequisite: Trumpet or Cornet Audition.*

Tr 411–483—Trumpet.

A progressive study of all areas of performance with emphasis on correct breathing, tone, and embouchure development; scales, arpeggios, flexibility studies from Davidson, Schlossberg, Irons, Colin; etudes and technical studies by Clarke, Arban, Concone; transposition by Caffarelli and Bordogni; solo literature of all style periods by such representative composers as Purcell, Telemann, Handel, Albinoni, Neruda, Hummel, Haydn, Barat, Clarke, Goedicke, Kennan, Artunian; ensemble and orchestral repertoire; pedagogical skills; junior and senior recitals. *Both semesters, one to three credits. Prerequisite: Trumpet or Cornet Audition.*

Tuba

Tu 211–281—Tuba Instruction for the Non-Major.

Both semesters, one credit. Prerequisite: Tuba Audition.

Tu 311–381—Private Instruction for the Tuba Minor.
Principal instrument only. *Both semesters, one credit.*
Prerequisite: Tuba Audition.

Tu 411–483—Tuba.
A progressive study in all phases of performance with emphasis on correct breathing, tone, and embouchure development; scales, arpeggios, flexibility studies from Bell and Blazevich; etudes and technical studies by Slama, Tyrrell, Kopprasch, Cimera, Kuehn, Blazevich, and Arban; solo literature of all style periods by such representative composers as Bach, Marcello, Handel, Vaughan Williams, Barat, Haddad, Hartley and Hindemith; ensemble and orchestral repertoire; pedagogical skills; junior and senior recitals. *Both semesters, one to three credits. Prerequisite: Tuba Audition.*

Viola

Vla 211–281—Viola Instruction for the Non-Major.
Both semesters, one credit. Prerequisite: Viola Audition.

Vla 311–381—Private Instruction for the Viola Minor.
Principal instrument only. *Both semesters, one credit.*
Prerequisite: Viola Audition.

Vla 411–422—Freshman Viola.
Scales, arpeggios; attention to all technical deficiencies; etudes and technical studies from Carl Flesch, Kayser, Bruni, Kreuz and Mazas; sonatas, concertos, and other repertoire by Marcello, Vivaldi, J. S. Bach, Handel, Telemann, Stamitz, Rachmaninoff, Debussy and Vaughan Williams. *Both semesters, one to two credits. Prerequisite: Viola Audition.*

Vla 431–442—Sophomore Viola.
Scales, arpeggios; etudes and technical studies from Mazas, Drez, Hoffmann, Kreutzer and Fuchs; sonatas, concertos and other repertoire by J.S. Bach, J. C. Bach, Vivaldi, Haydn, Stamitz, Handel, Hoffmeister, Leclair, Corelli, Eccles, Tchaikovsky, Schumann and Faure. *Both semesters, one to two credits. Prerequisite: Vla 421 or Vla 422.*

Vla 451–463—Junior Viola.
Scales, arpeggios; etudes and technical studies from Hermann, Mazas and Kreutzer; sonatas, concertos and other repertoire by J. S. Bach, Locatelli, Veracini, Beethoven, Brahms, Schubert, Bruch, Britten, Bloch, Enesco, Bowen and Bax; technique test; junior recital. *Both semesters, one to three credits. Prerequisite: Vla 441, Vla 442 or Vla 443.*

Vla 471–483—Senior Viola.
Scales, arpeggios; etudes and technical studies from Palaschko, Campagnoli, Rode; sonatas, concertos, and other repertoire by J. S. Bach, Mozart, Brahms, Fuchs, Benjamin, Hovhannes, Milhaud, and Walton; senior recital. *Both semesters, one to three credits. Prerequisite: Vla 461, Vla 462 or Vla 463.*

Violin

Vi 101–104—Violin/Viola Class.
Violin and viola are offered to all students without additional cost above regular tuition. These classes are arranged according to demand. *Both semesters, one credit. Prerequisite: Violin Audition.*

Vi 211–281—Violin Instruction for the Non-Major.
Both semesters, one credit. Prerequisite: Violin Audition.

Vi 301—Orchestral Repertoire I.
Acquaintance with literature and instruction in all aspects of the preparation of standard orchestral repertoire for professional symphony auditions. *First semester, even-numbered calendar years, one credit.*

Vi 302—Orchestral Repertoire II.
A continuation of acquaintance with literature and instruction in all aspects of the preparation of standard orchestral repertoire for professional symphony auditions. *Second semester, odd-numbered calendar years, one credit.*

Vi 311–381—Private Instruction for the Violin Minor.
Principal instrument only. *Both semesters, one credit.*
Prerequisite: Violin Audition.

Vi 411–422—Freshman Violin.
Scales, arpeggios; attention to all technical deficiencies; etudes and technical studies from Carl Flesch, Kayser, Mazas, Kreutzer and Sevcik; sonatas, concertos and other repertoire by Handel, Mozart, Schubert and old Italian masters in addition to other classical composers. *Both semesters, one to two credits. Prerequisite: Violin Audition.*

Vi 431–442—Sophomore Violin.
Scales, arpeggios; etudes and technical studies from Kreutzer, Fiorillo and Sevcik; sonatas, concertos and other repertoire by Bach, Handel, Mozart, Vivaldi and Schubert in addition to other classical and modern composers. *Both semesters, one to two credits. Prerequisite: Vi 421 or Vi 422.*

Vi 451–463—Junior Violin.
Scales, arpeggios; etudes and technical studies from Kreutzer, Fiorillo and Dant; sonatas, concertos and other repertoire by Bach, Handel, Mozart, Beethoven, Brahms, Grieg, Lalo and Vieuxtemps in addition to other classical and modern composers; technique test; junior recital. *Both semesters, one to three credits. Prerequisite: Vi 441, Vi 442 or Vi 443.*

Vi 471–483—Senior Violin.
Scales, arpeggios; etudes and technical studies from Kreutzer, Fiorillo, Dant and Rode; sonatas, concertos, and other repertoire by Bach, Mozart, Beethoven, Grieg, Brahms, Franck, Lalo, Mendelssohn, Bruch, Wieniawski, Vieuxtemps and Barber; senior recital. *Both semesters, one to three credits. Prerequisite: Vi 461, Vi 462 or Vi 463.*

Woodwind Pedagogy

WW 401—Woodwind Pedagogy I.
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. *First semester, odd-numbered calendar years, two credits.*

WW 402—Woodwind Pedagogy II.
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. *Second semester, even-numbered calendar years, two credits. Prerequisite: WW 401.*

DIVISION OF COMMUNICATION

Department of Communication Studies

Communication Disorders

CD 103—Speech Clinic.

To be elected in addition to Com 101 by students who need special help in overcoming speech difficulties.

Both semesters, one credit.

CD 104—Speech Clinic.

To be elected in addition to Com 101 by students who need special help in overcoming speech difficulties.

Both semesters, one credit.

CD 206—Introduction to Communicative Disorders.

A study of the nature, etiology and remediation of communicative disorders in children and adults, including an overview of the field of speech-language pathology. *Identical to Exc 206. Both semesters, three credits. Prerequisite: Com 101.*

CD 207—Anatomy of the Speech & Hearing Mechanism.

An intensive study of the anatomy and physiology of the speech and hearing mechanisms. *First semester, three credits. Prerequisite: CD 206.*

CD 208—Clinical Application of Phonetics.

A study of language theory and international phonetics alphabet (IPA) transcription with application to clinical diagnosis and treatment. *Second semester, three credits. Prerequisite: CD 206.*

CD 302—Normal Language Development.

The language acquisition process in normal children, including the development of semantics, morphology, syntax, phonology and pragmatics; American dialects and bilingualism. *First semester, three credits. Prerequisite: CD 206.*

CD 303—Articulation & Phonology.

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. *First semester, three credits. Prerequisite: CD 208.*

CD 304—Introduction to Audiology.

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, three credits.*

CD 305—Augmentative & Alternative Communication.

Acquisition and development of fundamental expressive and receptive skills in manual communication and an introduction to Alternative and Augmentative Communication (AAC). Special emphasis will be placed on the use of *American Sign Language* (ASL) to improve communication for language delayed and hearing impaired children and the evaluation, recommendation and implementation of AAC for children and adults with language and speech impairments. *First semester, three credits.*

CD 306—Beginning Sign Language.

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. *First semester, three credits.*

CD 308—Diagnostic Methods in Speech-Language Pathology.

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. *First semester, three credits.*

CD 400—Seminar in Speech-Language Pathology.

Preparation for application to graduate school will be emphasized. Observation and clinical preparation. Medical orientation and note-taking skills will be emphasized. *Second semester, one credit.*

CD 401—Language Disorders in Children.

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. *Identical to Exc 401. Both semesters, three credits. Prerequisite: CD 206.*

CD 402—Acquired Language Disorders.

Presents classical and contemporary theoretical constructs related to central speech and language dysfunction in adolescent 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. *Second semester, three credits. Prerequisite: CD 206 and CD 207.*

CD 403—Disorders of Voice.

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, three credits. Prerequisite: CD 207.*

CD 404—Disorders of Fluency.

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. *First semester, three credits. Prerequisite: CD 206.*

CD 405—Selected Topics in Speech Pathology.

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, a research project. *Second semester, three credits. Prerequisite: CD 206.*

CD 407—Therapeutic Methods & Clinical Technology in Speech-Language Pathology.

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, two credits.*

CD 499—Clinical Practicum.

Supervised clinical practice in screening, diagnosis, and therapy. Practicum will meet requirements for 50 hours of clinical practice in two different settings per South Carolina requirements for licensure as a Speech Language Pathology Assistant. *Both semesters, nine credits.*

Communication Studies

Com 101—Fundamentals of Speech.

The basic principles of public speaking with special emphasis on platform techniques and a study of the different types of speech. *Not applicable to a major or minor in the Division of Communication. Both semesters and summer, Distance Learning, three credits.*

Com 201—Public Speaking.

Organization, preparation and delivery of speeches for different occasions with emphasis on construction and audience adaptation. *Both semesters, three credits. Prerequisite: Com 101.*

Com 202—Principles of Communication.

An inquiry into the process, theory, and philosophy of contemporary verbal and nonverbal communication. *Both semesters, three credits. Prerequisite: Com 101.*

Com 205—Classroom Communication.

Development of the special speech skills appropriate for the classroom teacher. *Both semesters, three credits. Prerequisite: Com 101.*

Com 302—Interpersonal Communication.

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, three credits.*

Com 303—Organizational Communication.

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. *Both semesters, three credits.*

Com 304—Theories & Research in Communication.

Comparison of various approaches to the study of communication with particular emphasis on a Christian perspective. *Second semester, three credits.*

Com 322—Teaching Speech & Drama.

Materials, methods, procedures and related topics in the teaching of speech in the secondary school. *Second semester, three credits. Prerequisite: Com 101.*

Com 401—Communication Capstone.

A supervised experience in applying communication principles in an organizational setting. *Not applicable toward a minor. Both semesters and summer, three credits.*

Com 405—Persuasion.

Theories of persuasion, platform practice and criticism of model persuasive speeches. *First semester, three credits. Prerequisite: Com 201.*

Com 407—Argumentation & Debate.

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. *Second semester, even-numbered calendar years, three credits. Prerequisite: Com 101.*

Com 410—Oral Communication for the Professions.

Application of oral communication skills and principles to business and professional speaking situations. Conferences, interviews, interpersonal communication and presentational speaking. *Both semesters and summer, three credits. Prerequisite: Com 101.*

Com 423—Special Topics in Communication.

Topics may include nonverbal communication, interpersonal communication in multinational corporations, organizations as culture, and readings in organizational communication. *Three credits.*

Com 505—Communication Training & Development.

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. *First semester, three credits. Prerequisite: Com 303.*

Com 507—Conflict Management.

Integration of theory on conflict management with practical approaches to conflict training. An emphasis on a biblical perspective of conflict. *First semester, three credits.*

Com 520—Intercultural Communication.

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, three credits.*

Com 521—Nonverbal Communication.

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, three credits.*

Com 524—Special Topics in Communication.

Topics may include nonverbal communication, interpersonal communication in multinational corporations, organizations as culture and readings in organizational communication. *Three credits.*

Com 525—Special Topics in Communication.

Topics may include nonverbal communication, interpersonal communication in multinational corporations, organizations as culture and readings in organizational communication. *Three credits.*

Com 526—Special Topics in Communication.

Topics may include nonverbal communication, interpersonal communication in multinational corporations, organizations as culture and readings in organizational communication. *Three credits.*

Department of Journalism and Mass Communication

Journalism and Mass Communication

JMC 101—Fundamentals of Broadcasting.

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. *First semester, three credits.*

JMC 105—Principles of Journalism.

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, three credits. Prerequisite: En 102.*

JMC 200—Media and Society.

A survey of media institutions, theories and research. Particular emphasis on the role of mass communication in contemporary society. *Second semester, three credits.*

JMC 201—Oral Communication for the Media.

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, three credits. Prerequisite: JMC 101.*

JMC 202—Writing for Electronic Media.

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, three credits. Prerequisite: JMC 101.*

JMC 203—Audio Equipment Operation.

Sound principles, theory, and operation of audio equipment. Applications in radio production, live on-air shifts, Public Address systems and audio content for the Web. *Second semester, three credits. Prerequisite: JMC 101.*

JMC 206—Video Equipment Operation.

Operation of video equipment emphasizing field production. Special emphasis on composition of pictures using video cameras and the fundamentals of non-linear video editing. *First semester, three credits. Prerequisite: JMC 101.*

JMC 215—Introduction to Public Relations.

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. *Identical to CMn 305. Second semester, three credits.*

JMC 230—News Writing.

Advanced techniques in writing news and features for print and electronic media, with an emphasis on Associated Press style. *Second semester, three credits. Prerequisite: JMC 105.*

JMC 302—Magazine Writing.

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. *Second semester, three credits. Prerequisite: PW 211.*

JMC 303—Audio Production.

Advanced concepts of audio, including complex radio commercial production and studio recordings. Techniques of recording, mixing and editing using audio software. Instruction in archiving media projects for the Senior Portfolio. *First semester, even-numbered calendar years, three credits. Prerequisite: JMC 203.*

JMC 305—Video & TV Studio Production.

Producing and directing television programs. Practical experience in conceptualizing and creating short format productions, directing a cooking show, and producing a pilot program. *Second semester, three credits. Prerequisite: JMC 206.*

JMC 306—Copy Editing.

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, three credits. Prerequisite: JMC 230.*

JMC 315—Reporting for Print.

Principles and techniques of news gathering, with special emphasis on interviewing and research skills. Includes practical application of news writing for the print media. *First semester, three credits. Prerequisite: JMC 105 and JMC 230.*

JMC 316—Reporting for Broadcast.

Principles and techniques of news gathering, with special emphasis on interviewing and research skills. Includes experience in obtaining and editing video and audio elements for broadcast news reports. *First semester, three credits. Prerequisite: JMC 105 and JMC 202.*

JMC 321—Public Relations Writing.

Principles and techniques of writing for public relations, including news releases, brochures, newsletters, annual reports, white papers and media kits. Introduction to advertising, with emphasis on creative strategies. *First semester, three credits. Prerequisite: JMC 215.*

JMC 422—Editorial & Opinion Writing.

Writing of editorials, columns and op-ed pieces, with special attention to procedures of editorial preparation and strategies of the journalistic essay. *First semester, odd-numbered calendar years, three credits. Prerequisite: PW 211.*

JMC 425—Cases in Public Relations.

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. *Second semester, three credits. Prerequisite: JMC 215.*

JMC 426—Media Law & Ethics.

Survey of the federal, state and local laws that most directly affect mass communication in the United States, with emphasis on the understanding of the First Amendment freedoms and ethical principles in mass communication. *Second semester, three credits.*

JMC 431—Special Topics in Journalism & Mass Communication.

Current issues in journalism and mass communication. *First semester, three credits.*

JMC 432—Special Topics in Journalism & Mass Communication.

Current issues in journalism and mass communication. *Second semester, three credits.*

JMC 436—Media Relations.

Analysis and implementation of media relations strategies and programs for profit and nonprofit organizations. *First semester, three credits.*

JMC 441—Journalism & Mass Communication Capstone.

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. *Both semesters, one credit. Prerequisite: Senior Standing.*

JMC 451—Internship.

A supervised experience in applying journalism and mass communication principles in a media setting. Place 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 and summer, three credits. Prerequisite: Senior Standing.*

JMC 452—Internship.

A supervised experience in applying journalism and mass communication principles in a media setting. Place 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 and summer, three credits. Prerequisite: permission of department head, Senior Standing and JMC 451.*

Professional Writing

PW 207—Fundamentals of Publishing.

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. *First semester, odd-numbered calendar years, three credits. Prerequisite: En 102.*

PW 211—Expository Writing.

Principles and techniques of writing that informs or explains. *Both semesters, three credits. Prerequisite: En 102.*

PW 222—Fundamentals of Technical Writing.

Introduction to techniques for presenting technical information so that people can understand it easily and use it efficiently. *Both semesters, three credits. Prerequisite: En 102.*

PW 307—Book & Technical Editing.

Principles and techniques of editing a book or technical document from manuscript to published version with special emphasis on copyediting and proofreading skills. *First semester, even-numbered calendar years, three credits. Prerequisite: PW 207.*

PW 322—Critical Writing.

Principles and techniques of analytical and evaluative writing. *Second semester, three credits. Prerequisite: En 103.*

PW 324—Business Writing.

Preparation of letters, memos, and reports for business and the professions. *Both semesters, three credits. Prerequisite: En 102.*

Department of Cinema

Cinema Production

Ci 100—Cinema Lab.

The content of this weekly meeting varies each semester depending on the production status of Unusual Films, but usually 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 only to cinema majors and 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, zero credit.*

Ci 111—Introduction to Cinematic Arts.

(Supply Fee: Actual cost of materials used.) Survey of the preproduction, production, and post-production phases in cinematic productions with emphasis on the visual communication of an idea. Basic hands-on operation of motion picture cameras. *Outside lab time involved. Both semesters, three credits.*

Ci 202—Basic Cinematography.

(Supply Fee: Actual cost of materials used.) 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. *Second semester, three credits. Prerequisite: Ci 111.*

Ci 203—Basic Sound Techniques.

(Supply Fee: Actual cost of materials used; purchase of class-approved headphones.) Introduction to equipment and techniques of sound recording and reproduction. Emphasis in usage of equipment necessary for motion picture sound tracks. Introduction and usage of the sound editing program, ProTools. Practical recording exercises and evaluation of sound tracks, including technical and story elements. *First semester, three credits. Prerequisite: Ci 111.*

Ci 204—Intermediate Sound Techniques.

(Supply Fee: Actual cost of materials used.) Further study of sound equipment and recording techniques. Advanced sound recording, editing and production of composite sound tracks for cinematic presentations with a strong emphasis on sound design. *Second semester, three credits. Prerequisite: Ci 203.*

Ci 301—Cinematography.

(Supply Fee: Actual cost of materials used.) An overview of the work of the professional cinematographer: assembling and prepping equipment for the shoot. Proper setups for various types of shots; exposure, filters and camera handling techniques. Students will shoot film and video exercises and projects. *First semester, three credits. Prerequisite: Ci 202.*

Ci 303—Editing for Film & Video I.

(Supply Fee: Actual cost of materials used.)

Introduction of the principles, techniques and aesthetics of motion picture editing. Practical training in non-linear video editing using Avid software. *First semester, three credits. Prerequisite: Ci 111.*

Ci 304—Editing for Film & Video II.
(Supply Fee: Actual cost of materials used.) Theory and practice of editing on the specific editorial elements of film construction. Class includes the sophomore project. *Second semester, three credits. Prerequisite: Ci 303.*

Ci 306—Scenic Design for the Motion Picture.
(Supply Fee: Actual cost of materials used.) Students will develop an understanding of the setting, or scenic design, for motion picture production as it relates to the whole production. Includes design drawings and miniatures, set construction, hands-on experience in foam, faux painting and aging techniques, and dressing the set. *Second semester, three credits.*

Ci 312—Documentary Production Seminar.
(Supply Fee: Actual cost of materials used.) 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. *First semester, two credits. Prerequisite: Ci 202, Ci 204 and Ci 304.*

Ci 314—Animation Principles.
(Supply Fee: Actual cost of materials used.) A study and practical application of the basic principles of animation including squash and stretch, staging, overlapping action, anticipation, etc. Includes an emphasis on timing for animations. *Drawing skills recommended. First semester, even-numbered calendar years, two credits.*

Ci 315—Animation Procedures.
(Supply Fee: Actual cost of materials used.) Techniques of traditional animation including character animation, inbetweening and cleanup. The class will participate in an animation project that will cover the whole gamut of the animation process from script to screen. *Second semester, even-numbered calendar years, two credits. Prerequisite: Ci 314.*

Ci 316—Digital Imaging Techniques.
Practical experience and training in the use of Adobe Photoshop and After Effects in the creation of animation text, images and graphics. Assignments include color correction, image manipulation, layering, movement in a 3D space and creative use of design. *Second semester, two credits. Prerequisite: Ci 111.*

Ci 378—Aesthetics & History of Cinematic Arts.
A survey of the Christian responsibility of filmmaking through the analysis of historical and culturally significant films. Further analysis of the foundational elements of art and how they apply to the aesthetics of filmmaking. *Both semesters, one credit.*

Ci 405—Screenwriting.
An introduction to effective documentary, screenplay structure, and dramatic screenwriting with an emphasis on preparing the student to write the script for his senior project. *First semester, two credits. Prerequisite: Ci 111 and En 102.*

Ci 407—Motion Picture Production Techniques I.
Techniques used in operation of production location and soundstage equipment. A survey of general

production problems and participation in the production of films. *Offered during production years only. Summer only, two credits. Prerequisite: Ci 111.*

Ci 408—Motion Picture Production Techniques II.
Techniques used in operation of production location and soundstage equipment. A survey of general production problems and participation in the production of films. *Offered during production years only. Summer only, two credits. Prerequisite: Ci 407.*

Ci 411—Cinema Workshop.
Participation in professional film, multimedia, or video production. *Offered during production years only. Summer only, three credits. Prerequisite: Ci 111.*

Ci 412—Cinema Workshop.
Participation in professional film, multimedia or video production. *Offered during production years only. Summer only, three credits. Prerequisite: Ci 111.*

Ci 414—Makeup for Motion Picture Production.
(Supply Fee: required purchase of makeup kit.) The application and principles of makeup for motion picture production. Demonstration and practical experience in straight and character makeups. *First semester, odd-numbered calendar years, two credits.*

Ci 415—3-D Computer Animation I.
An introduction to the process of three-dimensional computer animation including working in 3-D space; modeling, material editing, shaders, textures, lighting in the 3-D environment. Emphasis will be on a major modeling project. *First semester, odd-numbered calendar years, three credits.*

Ci 416—3-D Computer Animation II.
Applies the principles of animation and timing to computer animation using skeletons, deformers, constraints, expressions and dynamics. Examines digital compositing techniques for streamlining the 3-D animation workflow and rendering for output to film, video and multimedia. *Second semester, odd-numbered calendar years, three credits. Prerequisite: Ci 415.*

Ci 417—Cinema Directing.
(Supply Fee: Actual cost of materials used.) 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, three credits. Prerequisite: Ci 111.*

Ci 425—Motion Picture Lighting.
(Supply Fee: Actual cost of materials used.) The art and operation of professional lighting equipment for motion picture production in the studio or on location. Basic electrical theory necessary for the safe rigging of electrical equipment. Principles of set lighting for single-camera production. *Second semester, three credits. Prerequisite: Ci 202.*

Ci 479—Production Seminar.
(Supply Fee: Actual cost of materials used.) Students will have the opportunity to apply the historical and aesthetic principles in the completion of a rough-cut film. *Both semesters, two credits. Prerequisite: Ci 312. Corequisite: Ci 378.*

Ci 480—Advanced Production Seminar.
(Supply Fee: Actual cost of materials used.) Continued work on the creative project which was begun in Ci 479. The emphasis of the semester will

be on refining the project in post-production with emphasis on editing, sound effects, music and titles. A review of industry practices is included. *Both semesters, three credits. Prerequisite: Ci 479.*

Ci 496—Production Internship.

Practical application of production skills in a structured internship environment. Available during Unusual Films' production semesters or summers. May also be applied to production-related summer job or internship opportunities. *Positions are to be found through the initiative of the individual student and are not the responsibility of the department. Both semesters, three credits.*

Ci 497—Production Internship.

Practical application of production skills in a structured internship environment. Available during Unusual Films' production semesters or summers. May also be applied to production-related summer job or internship opportunities. *Positions are to be found through the initiative of the individual student and are not the responsibility of the department. Both semesters, three credits.*

Department of Theatre Arts

Theatre Arts

ThA 100—Solo Performance.

Principles of performance studies with emphasis on critical analysis of literature and basic performance skills. *Second semester, three credits. Prerequisite: Com 101.*

ThA 101—Stagecraft.

An introduction to the various crafts of dramatic production: Scenery, props, lighting and makeup. Special emphasis is placed upon tools and techniques of stagecraft. *Second semester, three credits.*

ThA 105—Theatre History & Literature I.

A history of theatre from Antiquity through the 18th century with a special emphasis on the relationship between text and performance. *First semester, three credits.*

ThA 200—Voice & Articulation.

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, three credits. Prerequisite: Com 101.*

ThA 201—Scene Design.

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, two credits. Prerequisite: ThA 105 or ThA 225.*

ThA 202—Lighting Design.

An introduction to the principles and elements of design and their relationship to stage lighting. Students study basic theory of stage lighting, complete exercises in conceiving and executing light plots, and present designs in a lighting lab. *Second semester, two credits. Prerequisite: ThA 105 or ThA 225.*

ThA 203—Costume Design.

An introduction to the principles and elements of

design and their relationship to stage costumes. Students study basic theory of costume; complete exercises in conceiving and rendering designs; present designs in a production meeting setting; and learn about equipment, techniques and materials. *Second semester, two credits. Prerequisite: ThA 105 or ThA 225.*

ThA 205—Theatre History & Literature II.

A history of theatre of the nineteenth and twentieth centuries with a special emphasis on the relationship between text and performance. *Second semester, three credits.*

ThA 225—Appreciation of Theatre & Film.

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 to a major in Theatre Arts. Both semesters, two credits.*

ThA 300—Stage Directing.

The theory and principles of directing for the stage, including practical application in directing scenes from various plays. *Second semester, three credits. Prerequisite: ThA 105 or ThA 225.*

ThA 305—Design Collaboration Practicum.

Students will execute designs for a production as part of a design team. Emphasis on developing collaboration skills. *Second semester, one credit.*

ThA 306—Acting.

Internal and external techniques of acting as well as theory and practice in the art of creating a character for the stage. *Both semesters, three credits. Prerequisite: Com 101.*

ThA 307—Theatre Practicum I.

Practical experience either in a role on stage or in a behind-the-scenes stagecraft assignment in a campus production. *Both semesters, one credit. Prerequisite: three credits from ThA 101, ThA 300 or ThA 306.*

ThA 308—Theatre Practicum II.

Practical experience either in a role on stage or in a behind-the-scenes stagecraft assignment in a campus production. *Both semesters, one credit. Prerequisite: ThA 307.*

ThA 310—Stage Movement.

Beginning stage movement for the performer. Emphasis on period movements, alignment, flexibility, gesture and body composition, and physical characterization. *First semester, two credits. Prerequisite: three credits from ThA 100 or ThA 306.*

ThA 317—Playwriting.

Foundations of playwriting with lab work in monologue, scenes and one-act plays. *Identical to CW 417. Second semester, three credits. Prerequisite: CW 212, ThA 105 or ThA 225.*

ThA 401—Portfolio Preparation.

Guided preparation for the Theatre Arts' major as he/she prepares a culminating project and presentation of an academic portfolio. *First semester, one credit.*

ThA 402—Senior Portfolio.

Guided preparation for the Theatre Arts' major as he/she presents a culminating project and portfolio. *First semester, one credit. Prerequisite: ThA 401.*

ThA 407—Christian Drama Internship.

Students will write, direct or design as part of a theatrical event sponsored by a Christian ministry, church or school group. *Both semesters, one credit.*

ThA 410—Staging Literature.

Adaptation, direction and group performance of poetry, narrative fiction and compiled scripts. *First semester, three credits. Prerequisite: three credits from ThA 100 or ThA 105.*

ThA 413—Drama in Ministry.

Discussion of the history, literature, philosophy and current trends in Christian theatre. Emphasis on development of a personal philosophy of ministry in the dramatic arts. *Second semester, two credits.*

SCHOOL OF EDUCATION

Child Care

ECC 141—Infant & Toddler Development & Care.

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 care giving techniques and providing a developmentally appropriate physical environment and curriculum for children under the age of thirty-six months. This course requires lab hours in the campus child development center. *First semester, three credits.*

ECC 146—Child Health & Safety.

Methods of establishing a safe and healthy environment for children in P-3. The student will work to obtain certification in CPR and First Aid. Students will be required to complete a criminal background check. *First semester, three credits. Excludes: EC 246.*

ECC 200—Language & Literacy Experiences for Young Children.

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, three credits.*

ECC 205—Foundations in Early Child Care & Education.

An introduction to Christian early care and education with an overview of the historical and theoretical foundations of developmentally appropriate practices. Candidates will write and team-teach a lesson in a K3-K5 setting. The course will also introduce students to state regulations and early learning standards with special emphasis on the importance of professionalism and applying a scriptural, ministry-minded approach to working with young children and families. *Identical to CMn 205 and EC 205. Both semesters, three credits.*

ECC 210—Exceptional Young Children.

Identification of the various classifications of exceptionality in young children. Students will be able to explain various causes for specific delays/disorders, describe environmental and educational accommodations that could be made to include

children with exceptionalities, identify federal legislation affecting children with special needs and their families, and utilize various professional and community resources to support exceptional children and their families. *Second semester, two credits.*

ECC 220—Methods & Materials for Early Care Professionals.

Review of instructional materials and equipment used in early care and education settings, including commercial, teacher-made, and technology tools. Special emphasis is placed on documenting children's learning and encouraging family communication. Also an examination of the characteristics of effective early educators and on methods for creating supportive classroom routines and procedures. *First semester, two credits.*

ECC 221—Child Growth & Development.

This course is an introduction to child growth and development, birth through age eight, with an emphasis on the interrelationships 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. Lab hours in the campus child early learning center are integral components of this course. *Identical to EC 221. Both semesters, three credits.*

ECC 235—Creative Experiences for Young Children.

An examination of the content and methods available to facilitate children's expression and learning through art, music, storytelling, and dramatic play within early care and education settings. Special emphasis on multiple intelligence theory and the use of the arts and creative experiences to enhance development across the curriculum. Students in this course will complete lab hours within the campus school setting. *Identical to EC 235. Second semester, two credits.*

ECC 244—Early Childhood Curriculum.

Broad overview of materials and methods for teaching young children across developmental domains, with an emphasis on the SC Early Learning Standards. Candidate will design a kindergarten classroom with learning centers and state the rationale for using them. *Identical to EC 244. Second semester, three credits.*

ECC 251—Field Experience: Infants & Toddlers.

Students complete a minimum of 60 hours of supervised field experience in infant and toddler settings in the campus early learning center. Students will fulfill professional responsibilities and apply understanding of development and developmentally appropriate practices with very young children, birth through age 3, and their families. Additionally, students meet weekly with their supervisor and review observation and assessment techniques, curriculum planning, and appropriate adult/child interactions. *Both semesters, three credits. Excludes: EC 246.*

ECC 252—Field Experience: Preschool.

Students complete a minimum of 60 hours of supervised field experience in 3K and 4K settings in the campus early learning center. In this course, students expand their professional responsibilities

by applying learning and development theories, demonstrating developmentally appropriate practices, and writing lesson plans for preschool children. Students meet weekly with their supervisor to review professional growth and development, appropriate adult/child interactions, effective curriculum planning, and appropriate assessment and documentation techniques. *Both semesters, three credits.*

ECC 345—Home, School & Community Relations.

A study of child, family, school, and community partnerships, with a special emphasis on parent communication and education, parenting styles, family systems theories, child abuse/neglect, and strategies for creating respectful, reciprocal relationships with families, other professionals, and community organizations. Strategies for designing safe and healthy environments for young children, for linking families with school and community resources, and for involving families and communities in children's education are presented. Students complete an 8-10 hour service learning project in a local agency serving young children and families. *Identical to EC 345. Second semester, two credits.*

Professional Education

Ed 100—Introduction to Education.

The objectives of education; organizations, curricula, support, administration, and control in the elementary, secondary, vocational, and higher divisions; educational personnel and professional relationships; overview of tech prep opportunities in the field of education, an overview of the history and philosophy of American education, and relevant research. *Students will begin their pre-clinical practice practicum experiences. Both semesters, three credits.*

Ed 300—Foundations in Instructional Technology.

An introductory course in educational technology for teachers. Students will be introduced to current media and computer technology for computer assisted instruction (CAI) and computer managed instruction (CMI). Instruction will be given in sources of and techniques for selection of computer hardware and educational software. Students will focus on software related to the grade levels and subject matter they are preparing to teach. This course requires computer literacy. *Both semesters and summer, two credits.*

Ed 301—Technology in the Classroom.

An examination of the use of technology in the teaching and learning process. Particular emphasis will be given to educational software evaluation, multimedia design and development, and the use of internet resources in the classroom. *Both semesters and summer, two credits. Prerequisite: Ed 300.*

Ed 562—Assessment (Pre-K–6).

A practical emphasis on constructing classroom tests, grading, and administering and interpreting standardized tests. Appropriate probability and statistical techniques are incorporated. Offered first two weeks as part of block program for education majors. For Early Childhood and Elementary Education majors and for students in Pre-K–12 programs who prefer to work with students in lower grades. *Both semesters, two credits.*

Ed 563—Assessment (5–12).

A practical emphasis on constructing classroom tests, grading, and administering and interpreting standardized tests. Appropriate probability and statistical techniques are incorporated. Offered first two weeks as part of block program for education majors. For Middle School and Secondary Education majors and students in upper-level grades. *Both semesters, two credits.*

DIVISION OF TEACHER EDUCATION

Secondary Education

SE 315—Teaching English (9–12).

Materials, methods, procedures, and related topics in the teaching of American, British, and world literature/global studies in grades 9–12. Emphasizes the educational aspects of the learner, instructional strategies specific to the teaching of literature in the English class, and assessment. Also includes reviews of educational literature, as well as textbooks, supplemental materials, and software and nonprint media. Candidates are required to create lessons based on the South Carolina Academic Standards and to research and participate in various teaching strategies. *Identical to MSE 315. Second semester, three credits. Prerequisite: Ps 305 and SE 380.*

SE 316—Teaching Foreign Language (Pre-K–12).

Materials, methods, national and state standards, and related topics in the teaching of a foreign language in the elementary school, middle school and high school. Also includes selection, evaluation, and use of educational software and Internet resources. Students will observe six demonstration classes in a local school. Candidates are required to create lessons based on the South Carolina Academic Standards. *Prerequisite: completion of two-thirds of required courses for certification. Second semester, three credits.*

SE 317—Teaching Social Studies (9–12).

Materials, methods, procedures, and related topics in the teaching of social studies in the high school. Also includes selection, evaluation, and use of educational software. Methods of teaching the students to read the literature in the subject are emphasized. Students will observe six demonstration classes in a local school during the second eight weeks. Students will develop a resource unit. *Prerequisite: completion of two-thirds of required courses for certification. Identical to MSE 317. Second semester, three credits.*

SE 319—Teaching Mathematics (9–12).

Provides the prospective high school mathematics teacher with a broad background in special teaching methods related to mathematics and characteristics of mathematics. This course should prepare the student to make good decisions and balanced judgments about philosophy, textbooks, innovative ideas, curriculum content, teaching methods and strategies. Candidates are required to create lessons based on the South Carolina Academic Standards. *Prerequisite: completion of two-thirds of required courses for certification. Identical to MSE 319. Second semester, three credits.*

SE 321—Teaching Natural Science (9–12).

Materials, methods, procedures and related topics in the teaching of science in the middle and high

school. Students will develop a teaching unit, do demonstrations and practice the most effective strategies in planning and implementing a science lesson. Candidates are required to create lessons based on the South Carolina Academic Standards. *Prerequisite: completion of two-thirds of required courses for certification. Identical to MSE 321. Second semester, three credits.*

SE 331—Practicum: Grades 9–12.

This course will provide structured opportunities to work with students of appropriate age for the program of study in which the student is preparing to teach. Candidates are required to create lessons based on the South Carolina Academic Standards. Candidate's teaching will be evaluated using the South Carolina Standards for Assisting, Developing and Evaluating Professional Teaching (ADEPT). *Second semester, three credits. Prerequisite: Teacher Candidacy - Passed. Corequisite: SE 401. Excludes: EE 331 and MSE 331.*

SE 342—Teaching Reading & Writing in the Content Areas (9–12).

Materials, methods, procedures, and related topics in the teaching of English language arts in grades 5–12. The purpose of the course is two-fold: writing - students explore how learners organize, plan, and write for understanding across content areas; reading - students explore the nature and meaning of comprehension and how teachers assist learners in these processes. Current theoretical and foundational considerations will help frame the exploration, modeling, and practice of a range of strategies for instruction. Candidates are required to create lessons based on the South Carolina and Common Core Academic Standards and to participate in various classroom events. *Identical to MSE 342. Identical to MSE 342. Second semester, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

SE 380—Teaching Writing (9–12).

Materials, methods, procedures, and related topics in the teaching of English language arts in grades 9–12. Emphasizes the educational aspects of organization and planning, as well as instructional strategies specific to the teaching of grammar and writing in the English class. Also includes reviews of educational literature, as well as of textbooks, supplemental materials, and educational software and nonprint media. Candidates are required to create lessons based on the South Carolina Academic Standards and to research and participate in various teaching strategies. *Identical to MSE 380. First semester, three credits.*

SE 401—Teaching Techniques (9–12).

The course provides an intense study of the South Carolina ADEPT standards. It is designed to prepare the education student for the requirements of clinical practice. The course is for students in 9–12 programs and PreK–12 programs. Candidates will learn the ten ADEPT standards, comprehend their application to teaching, and produce their own application to teaching, along with a five-component long-range plan based on their practicum class of students. They will also learn about many current issues in education. *Identical to MSE 401. Second semester, one credit. Corequisite: SE 331.*

SE 499—Clinical Practice (9–12).

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. Student teachers will meet in a weekly seminar with university supervisors during the semester they are student teaching. These meetings are designed to monitor and coordinate the student teacher's progress throughout the clinical practice assignment. *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. Identical to EE 499, Exc 499, MSE 499 and EC 499. Both semesters, nine credits.*

SE 502—Teaching Adolescent Literature.

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. *Identical to MSE 502. First semester, three credits.*

SE 550—Classroom Management.

Designed to assist middle level and secondary level teacher candidates to develop skills to help them effectively handle student behavior. The ultimate goal is to prepare teachers to be effective managers of their classrooms so student learning is maximized. **NOTE:** This course is available only on the block to students who are in clinical practice. *Identical to MSE 550. Both semesters, two credits.*

Department of Early Childhood Education

Early Childhood

EC 205—Foundations in Early Child Care & Education.

An introduction to early care and education with an overview of the historical and theoretical foundations of developmentally appropriate practices. The course will also introduce students to state regulations and early learning standards with special emphasis on the importance of professionalism and applying a scriptural, ministry-minded approach to working with young children and families. *Identical to CMn 205 and ECC 205. Both semesters, three credits. Excludes: ECC 243.*

EC 221—Child Growth & Development.

This course is an introduction to child growth and development, birth through age eight, with an emphasis on the interrelationships 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. Lab hours in the campus child early learning center are integral components of this course. *Identical to ECC 221. Both semesters, three credits.*

EC 235—Creative Experiences for Young Children. An examination of the content and methods available to facilitate children's expression and learning through art, music, storytelling, and dramatic play within early care and education settings. Special emphasis on multiple intelligence theory and the use of the arts and creative experiences to enhance development across the curriculum. Students in this course will assist art instructors and complete lab hours within the campus school setting. *Identical to ECC 235. Second semester, two credits.*

EC 244—Early Childhood Curriculum. Broad overview of materials and methods for teaching young children across developmental domains, with an emphasis on the SC Early Learning Standards. Candidate will write and teach a developmentally appropriate lesson in a P-3 setting. *Identical to ECC 244. Second semester, three credits.*

EC 302—Teaching Reading (Pre-K–3). This course presents practical methods for the teaching of reading and introduces comprehension and word recognition skills included in a developmental reading program for grades Pre-K–3. Assessment techniques appropriate for the subject matter and grade level will be presented. Each student participates in actual classroom observations and demonstration teaching. Teacher candidates are required to create lessons based on the South Carolina English Language Arts Academic Standards. *First semester, three credits.*

EC 305—Teaching Science (Pre-K–3). Introduction to strategies for teaching and learning basic Science process skills, principles, and concepts in the early childhood years (pre K–3rd grade), with special emphasis on active, hands-on, evidence-based instruction and materials, including technology tools. Candidates will gain and apply knowledge of the South Carolina ADEPT Performance Standards and prepare developmentally-appropriate activities and lesson and assessment plans based on national and South Carolina Academic Standards. *First semester, three credits.*

EC 307—Teaching Social Studies (Pre-K–3). 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, and inquiry and literature-based approaches. Candidates will gain and apply knowledge of the South Carolina ADEPT Performance Standards, prepare developmentally-appropriate activities and lesson and assessment plans based on national and South Carolina Academic Standards. *Second semester, three credits.*

EC 309—Teaching Language Arts (Pre-K–3). 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, prepare developmentally-appropriate lessons based on national and South Carolina Academic Standards, and use a variety of instructional resources and

materials, including the tools of technology. *First semester, three credits.*

EC 311—Teaching Mathematics (Pre-K–3). An emphasis on the development of young children's mathematical thinking and problem solving abilities, along with the fundamental principles of mathematics and evidenced-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, prepare developmentally-appropriate activities and lesson and assessment plans based on national and South Carolina Academic Standards, and use a variety of instructional resources and materials, including tools of technology. *Second semester, three credits. Prerequisite: Ma 109 and Ma 110.*

EC 331—Practicum Pre-K–3. The purpose of this course is to provide structured opportunities to work with students of appropriate age for the program of study in which the student is preparing to teach. A minimum of 100 hours of supervised school activities must have been completed before student teaching. Acceptable activities include any activities which are normally part of a school program. Approximately 50 of the 100 hours will occur during this course. In addition, all students must have a minimum of 25 hours of church-related teaching activities. These activities may be completed anytime from the freshman year through the completion of this course. They may be done during the school year, semester breaks, or summer vacation. Logs for recording all of these activities are available in the Education Office. These logs will become part of a student's portfolio. Candidates are required to create lessons based on the South Carolina Academic Standards. Candidate's teaching will be evaluated using the South Carolina Standards for Assisting, Developing, and Evaluating Professional Teaching (ADEPT). *Both semesters, three credits. Prerequisite: Teacher Candidacy - Passed. Corequisite: EE 401.*

EC 345—Home, School & Community Relations. A study of child, family, school, and community partnerships, with a special emphasis on parent communication and education, parenting styles, family systems theories, child abuse/neglect, and strategies for creating respectful, reciprocal relationships with families, other professionals, and community organizations. Strategies for designing safe and healthy environments for young children, for linking families with school and community resources, and for involving families and communities in children's education are presented. Students complete an 8–10 hour service learning project in a local agency serving young children and families. *Identical to ECC 345. Second semester, two credits.*

EC 499—Clinical Practice (Pre-K–3). 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. Student teachers will meet in a weekly seminar with university

supervisors during the semester they are student teaching. These meetings are designed to monitor and coordinate the student teacher's progress throughout the clinical practice assignment. Candidates are required to create lessons based on the South Carolina Academic Standards. Candidate's teaching will be evaluated using the South Carolina Standards for Assisting, Developing, and Evaluating Professional Teaching (ADEPT). *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. Identical to EE 499, Exc 499, SE 499 and MSE 499. Both semesters, nine credits. Prerequisite: EC 302, EC 305, EC 307, EC 309, Ed 300 and EE 408.*

Department of Elementary Education

EE 300—Teaching Mathematics (2–6).

Fundamental principles of mathematics, including the basic operations of arithmetic, fractions, decimals, and the like, with practical applications especially for elementary school teachers. Candidates are required to create lessons based on the South Carolina Academic Standards. *First semester, three credits. Prerequisite: Ed 301, Ma 109 and Ma 110.*

EE 301—Teaching Social Studies (2–6).

An examination of the time, content, goals and methods of teaching man's relationship to God, others and the environment. Candidates are required to create lessons based on the South Carolina Academic Standards. *Both semesters, three credits.*

EE 302—Teaching Reading (2–6).

This course presents practical methods for the teaching of reading and introduces comprehension and word recognition skills included in a developmental reading program for grades 2–6. Assessment techniques appropriate for the subject matter and grade level will be presented. Each student participates in actual classroom observations and demonstration teaching. Teacher candidates are required to create lessons based on the South Carolina English Language Arts Academic Standards. *First semester, three credits. Prerequisite: Ed 301 and EE 303.*

EE 303—Teaching Language Arts (2–6).

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 English Language Arts Academic Standards. *Both semesters, three credits.*

EE 304—Teaching Science (2–6).

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 lessons based on the South Carolina Science Academic Standards. *Second semester, three credits. Prerequisite: Ed 301, Sc 103 and Sc 105.*

EE 331—Practicum: Grades 2–6.

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 lessons plans based on South Carolina Academic Standards. Candidate's teaching will be evaluated using the South Carolina ADEPT Standards. *Both semesters, three credits. Prerequisite: Teacher Candidacy - Passed, Ed 301 and EE 301 or EE 303. Corequisite: EE 401. Excludes: SE 331.*

EE 401—Teaching Techniques (Pre-K–6).

This course will provide an overview of teaching techniques common to teachers of students in grades Pre-K–6. It will provide a general review of the South Carolina ADEPT standards dealing with long range planning, assessment, the use of appropriate instructional strategies, providing content for learners, monitoring and enhancing learning, maintaining an environment that is conducive to learning, classroom management, and the fulfillment of professional responsibilities outside the classroom. This class is for candidates majoring in early childhood and elementary education, and candidates in Pre-K_12 programs who prefer to work with students in Pre-K–6. *Both semesters, one credit. Prerequisite: Teacher Candidacy - Required and Ed 301. Corequisite: EC 331 or EE 331.*

EE 405—Teaching Health & Physical Education.

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, safety, and physical education for Pre-K–8. *Identical to HPE 405. Both semesters, three credits.*

EE 408—Prescriptive Reading Practicum.

This course will help students assess reading difficulties and prescribe appropriate corrective techniques. Students will become familiar with current remedial reading programs and will develop activities for use when interacting with individuals having varying reading difficulties. Opportunities to work with individuals will be provided. *Identical to Exc 408. Both semesters, three credits. Prerequisite: EC 302 or EE 302.*

EE 499—Clinical Practice (2–6).

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. Student teachers will meet in a weekly seminar with university supervisors during the semester they are student teaching. These meetings are designed to monitor and coordinate the student teacher's progress throughout the clinical practice assignment. Candidates are required to create lessons based on the South Carolina Academic Standards. Candidate's teaching will be evaluated using the South Carolina Standards for Assisting, Developing, and Evaluating Professional Teaching (ADEPT). *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. Identical to Exc 499, SE 499, MSE 499 and EC 499. Both semesters, nine credits. Prerequisite: Ed 300, Ed 301, EE 301, EE 302, EE 303, EE 304 and EE 408.*

EE 510—Children's Literature.

Interpretative and critical study of literature suitable for children. Addresses subject matter, literary style

and methods of illustration. *Not applicable toward an English major or minor.* Both Semesters, three credits. Prerequisite: Ed 300 and EC 302 or EE 302.

EE 550—Classroom Management.

This course is an introduction to K-12 classroom management techniques. Topics include: physical space, behavioral norms, safety, time management, managing student work and managing other special classroom needs. NOTE: This course is available only on the block to students who are in clinical practice. *Both semesters, two credits.*

Department of Middle School Education

MSE 315—Teaching English (5–8).

Materials, methods, procedures, and related topics in the teaching of American, British, and world literature/global studies in grades 5–8. Emphasizes the educational aspects of the learner, instructional strategies specific to the teaching of literature in the English class, and assessment. Also includes reviews of educational literature, as well as textbooks, supplemental materials, and software and nonprint media. Candidates are required to create lessons based on the South Carolina Academic Standards and to research and participate in various teaching strategies. *Identical to SE 315. Second semester, three credits. Prerequisite: Ps 305 and SE 380.*

MSE 317—Teaching Social Studies (5–8).

Materials, methods, procedures and related topics in the teaching of social studies in the high school. Also includes selection, evaluation and use of educational software. Methods of teaching the students to read the literature in the subject are emphasized. Students will observe six demonstration classes in a local school during the second eight weeks. Students will develop a resource unit. Candidates are required to create lessons based on the South Carolina Academic Standards. Candidates are required to create lessons based on the South Carolina Academic Standards. *Prerequisite: completion of two-thirds of required courses for certification.. Identical to SE 317. Second semester, three credits.*

MSE 319—Teaching Mathematics (5–8).

Provides the prospective middle school mathematics teacher with a broad background in special teaching methods related to mathematics and characteristics of mathematics. The course precedes student teaching so some practical teaching experience is provided. This course should prepare the student to make good decisions and balanced judgments about philosophy, textbooks, innovative ideas, curriculum content, teaching methods and strategies. Candidates are required to create lessons based on the South Carolina Academic Standards. *Prerequisite: completion of two-thirds of required courses for certification. Identical to SE 319. Second semester, three credits.*

MSE 321—Teaching Natural Science (5–8).

Materials, methods, procedures and related topics in the teaching of science in the middle school. Emphasis is on the creative and dynamic teaching of science. Students will develop a teaching unit, do demonstrations, and practice the most effective strategies in planning and implementing a science lesson. Candidates are required to create lessons

based on the South Carolina Academic Standards. *Prerequisite: completion of two-thirds of required courses for certification. Identical to SE 321. Second semester, three credits.*

MSE 331—Practicum: Grades 5–8.

This course will provide structured opportunities to work with students of appropriate age for the program of study in which the student is preparing to teach. Candidates are required to create lessons based on the South Carolina Academic Standards. Candidate's teaching will be evaluated using the South Carolina Standards for Assisting, Developing and Evaluating Professional Teaching (ADEPT). *Second semester, three credits. Prerequisite: Teacher Candidacy - Passed. Corequisite: MSE 401. Excludes: EE 331 and SE 331.*

MSE 333—Middle School Curriculum & Organization.

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, three credits.*

MSE 342—Teaching Reading & Writing in the Content Areas (5–8).

Materials, methods, procedures, and related topics in the teaching of English language arts in grades 5–12. The purpose of the course is two-fold: writing—students explore how learners organize, plan, and write for understanding across content areas; reading—students explore the nature and meaning of comprehension and how teachers assist learners in these processes. Current theoretical and foundational considerations will help frame the exploration, modeling, and practice of a range of strategies for instruction. Candidates are required to create lessons based on the South Carolina and Common Core Academic Standards and to participate in various classroom events. *Identical to SE 342. Identical to SE 342. Second semester, three credits.*

MSE 380—Teaching Writing (5–8).

Materials, methods, procedures, and related topics in the teaching of English language arts in grades 5–8. Emphasizes the educational aspects of organization and planning, as well as instructional strategies specific to the teaching of grammar and writing in the English class. Also includes reviews of educational literature, as well as of textbooks, supplemental materials, and educational software and nonprint media. Candidates are required to create lessons based on the South Carolina Academic Standards and to research and participate in various teaching strategies. *Identical to SE 380. First semester, three credits.*

MSE 401—Teaching Techniques (5–8).

This course provides an intense study of the South Carolina ADEPT standards. It is designed to prepare the education student for the requirements of clinical practice. The course is for students in 5–8 programs and PreK–12 programs. Candidates will learn the ten ADEPT standards, comprehend their application to teaching, and produce their own application to

teaching, along with a five-component long-range plan based on their practicum class of students. They will also learn about many current issues in education. *Identical to SE 401. Second semester, one credit. Corequisite: MSE 331.*

MSE 499—Clinical Practice (5–8).

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. Student teachers will meet in a weekly seminar with university supervisors during the semester they are student teaching. These meetings are designed to monitor and coordinate the student teacher's progress throughout the clinical practice assignment. All middle school candidates will be required to divide their time between their academic content areas for all field experiences. Candidates are required to create lessons based on the South Carolina Academic Standards. Candidate's teaching will be evaluated using the South Carolina Standards for Assisting, Developing and Evaluating Professional Teaching (ADEPT). *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. Identical to EE 499, Exc 499, SE 499 and EC 499. Both semesters, nine credits.*

MSE 502—Teaching Adolescent Literature.

Interpretative and critical study of literature especially suitable for adolescents. *Identical to SE 502. First semester, three credits.*

MSE 550—Classroom Management.

Designed to assist middle level and secondary level teacher candidates to develop skills to help them effectively handle student behavior. The ultimate goal is to prepare teachers to be effective managers of their classrooms so student learning is maximized. **NOTE:** This course is available only on the block to students who are in clinical practice. *Identical to SE 550. Both semesters, two credits.*

Department of Music Education

ME 101—Introduction to Music Education.

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, an introduction to methods of music teaching, and professional opportunities such as Kindermusik, multi-cultural musical missions, and music retailing. Includes observations of various music learning situations. *Both semesters, two credits.*

ME 201—Introduction to Technology in Music Education.

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, two credits. Prerequisite: MT 106 and Mu 101. Excludes: MTc 201.*

ME 202—Notation in Music Technology I.

Fundamentals of music typesetting including an overview of standard notation programs for the computer, with emphasis on Finale. *Identical to MTc 202. Both semesters, two credits. Prerequisite: ME 201.*

ME 211—Violin/Viola Class.

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. *Open to Music Education majors only. Both semesters, one credit. Corequisite: ME 391.*

ME 212—Cello/Bass Class.

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. *Open to Music Education majors only. Both semesters, one credit. Corequisite: ME 391.*

ME 213—Clarinet Class.

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. *Open to Music Education majors only. Both semesters, one credit. Corequisite: ME 392.*

ME 214—Flute Class.

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. *Open to Music Education majors only. Both semesters, one credit. Corequisite: ME 392.*

ME 215—Cornet Class.

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. *Open to Music Education majors only. Both semesters, one credit. Corequisite: ME 392.*

ME 216—Trombone Class.

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. *Open to Music Education majors only. Both semesters, one credit. Corequisite: ME 392.*

ME 217—Percussion Methods.

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. *Open to Music Education majors only. Both semesters, one credit. Corequisite: ME 392.*

ME 219—Guitar Class.

The fundamentals of guitar playing techniques useful in music classes; reading tablature notation, accompanying singing by ear and strumming

patterns. *Open to Music Education majors only. Both semesters, one credit.*

ME 301—Voice Methods for Choral Directors.

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. *First semester, two credits. Prerequisite: MT 205. Excludes: SM 606.*

ME 307—Elementary School Music.

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. *Both semesters, two credits.*

ME 308—Secondary School Music.

Materials, methods and procedures for the teaching of music in the junior and senior high schools. The place of music in the life of the adolescent; class instruction in voice, band and orchestral instruments; and the changing voice, voice testing, part-singing and articulation of music education between the elementary and secondary levels. Methods of teaching the students to read the literature in the subject are emphasized. Candidates are required to create lessons based on the South Carolina Academic Standards. *Both semesters, two credits.*

ME 312—Double Reed Class.

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. *Open to Music Education majors only. First semester, one credit. Corequisite: ME 392.*

ME 313—Saxophone Class.

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. *Open to Music Education majors only. Second semester, one credit. Corequisite: ME 392.*

ME 314—Euphonium/Tuba Class.

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. *Open to Music Education majors only. Second semester, one credit. Corequisite: ME 392.*

ME 315—Horn Class.

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. *Open to Music Education majors only. First semester, one credit. Corequisite: ME 392.*

ME 391—Lab Orchestra.

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. *Open to Music Education majors only. Both semesters, zero credit. Corequisite: one credit from ME 211, ME 212 or ME 218.*

ME 392—Lab Band.

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. *Open to Music Education majors only. Both semesters, zero credit. Corequisite: one credit from ME 213, ME 214, ME 215, ME 216, ME 217, ME 218, ME 312, ME 313, ME 314 or ME 315.*

ME 401—Instrumental Director Methods.

Techniques needed by the band and orchestra director to establish and maintain the school instrumental program: recruiting, program organization, band budgeting and finance, instrument purchasing and repair, rehearsal procedure, concert programming, and planning physical facilities. Integrated laboratory experience in Lab Band or Lab Orchestra. *First semester, two credits. Corequisite: ME 391 or ME 392.*

ME 402—Choral Director Methods.

Techniques of choral ensemble development, organization and administration with attention to recruiting singers, audition procedures, rehearsal planning, developing ensembles, motivation and discipline, and promoting the values of choral participation to parents and administrators. *Second semester, two credits.*

ME 501—MIDI & Digital Audio Production Techniques.

Advanced Musical Instrument Digital Interface (MIDI) sequencing techniques and an introduction to digital audio editing and production in Logic and Protools environments. *Identical to MTc 501 and MME 501. Second semester, even-numbered calendar years, two credits. Prerequisite: ME 201.*

ME 505—Instrument Repair for School Musicians.

A practical study of the tools, supplies, parts, techniques, and resources used in the maintenance and repair of woodwind, brass, and percussion instruments. *Identical to MME 505. Two credits.*

ME 522—Music for Exceptional Learners.

A study of the characteristics of exceptional learners in order to determine the best possible music learning experiences within the boundaries of their exceptionality. Particular emphasis is given to research literature on exceptional learners. Musical activities are suggested and explored, and a practicum is required for each student. *Identical to MME 522. Both semesters, two credits.*

Department of Special Education

Exc 205—Introduction to Exceptional Learners.

Introduction to the historical, litigation, and legal foundations related to the field of special education with the inclusion of current trends and a survey of

the following exceptionalities: attention hyperactive deficit disorders, autism spectrum disorders, communication disorders, emotional disabilities, giftedness, intellectual and developmental disabilities, health/physical impairments, hearing impairments, multiple and severe disabilities. Developing a biblical worldview about accommodating students with exceptional learning needs is emphasized *First semester, three credits. Excludes: Ps 305.*

Exc 206—Introduction to Communicative Disorders.

A study of the nature, etiology and remediation of communicative disorders in children and adults, including an overview of the field of speech-language pathology. *Identical to CD 206. Both semesters, three credits.*

Exc 311—Characteristics: Emotional Disabilities.

Introduction to emotional disabilities that focuses on the definition based on historical and conceptual frameworks, litigation, relevant laws, and current issues and trends. Specific emphasis includes identification, classification, causal factors, theoretical perspectives for cause and intervention, assessment, etiology, prevalence, treatment, manifestations, and transition planning through the use of case studies. A biblical worldview about the causes of emotional disabilities, the various manifestations of emotional disabilities and behavior strategy interventions is discussed. *Open to Education majors only. Second semester, three credits. Prerequisite: Exc 205.*

Exc 312—Characteristics: Learning Disabilities.

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. *Open to Education majors only. Second semester, three credits. Prerequisite: Exc 205.*

Exc 313—Characteristics: Intellectual & Developmental Disabilities.

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. *Open to Education majors only. First semester, three credits. Prerequisite: Exc 205.*

Exc 322—Materials & Methods: Mild Disabilities.

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. *Open to Special Education and Communication Disorder majors only. First semester, three credits. Prerequisite: Exc 205.*

Exc 323—Educational Procedures: Mild Disabilities.

Emphasizes the development and implementation of the individualized education program and various special education service delivery models including, resource, and self-contained settings incorporating inclusion, and mainstreaming. Additional topics include students using technology to discuss the Bob Jones University School of Education Conceptual Framework, formal and informal assessment, evaluation of student progress, teaching study skills, adapting general education curricula, introduction to collaborative consultation, parent conferencing, classroom floor plan organization, transition planning and other related topics. *Second semester, three credits. Prerequisite: Exc 205.*

Exc 332—SPED Practicum: Beginning.

Teacher candidates participate in supervised, structured experiences in a school setting with emotional disabilities, learning disabled, or intellectual and developmental disabilities learners. School placements vary based on program setting (i.e., inclusion, resource, self-contained) and grade level (i.e., K–5, 6–8, or 9–12). Candidates complete beginning level activities that support state standards for preparation of special educators, to include gaining knowledge and understanding about observations techniques, instructional planning, use of evidence-based instructional methods and strategies, formal/informal assessment, collaboration with teachers/parents, behavior management intervention strategies, and individualized instructional programs. *Both semesters, two credits. Prerequisite: Exc 205.*

Exc 333—SPED Practicum: Intermediate.

Teacher candidates participate in supervised, structured experiences in a school setting with emotional disabilities, learning disabled, or intellectual and developmental disabilities learners. School placements vary based on program setting (i.e., inclusion, resource, self-contained) and grade level (i.e., K–5, 6–8, or 9–12). Candidates complete intermediate level activities that support state standard for preparation of special educators, including observations, instructional planning, use of evidence-based instructional methods and strategies, formal/informal assessment, collaboration with teachers/parents, character building, behavior management intervention strategies, and individualized instructional programs. *Both semesters, two credits. Prerequisite: Teacher Candidacy - Passed and Exc 332.*

Exc 334—SPED Practicum: Advanced.

Teacher candidates participate in supervised, structured experiences in a school setting with emotionally disabilities, learning disabled, or intellectual and developmental disabilities learners. School placements vary based on program setting (i.e., inclusion, resource, self-contained) and grade level (i.e., K–5, 6–8, or 9–12). Teacher candidates

complete advanced level activities that support state standards for preparation of special educators, including observations, instructional planning, use of evidence-based instructional methods and strategies, formal/informal assessment, collaboration with teachers/parents, character building, behavior management intervention strategies, and individualized instructional programs. *Both semesters, two credits. Prerequisite: Teacher Candidacy - Passed and Exc 333.*

Exc 359—Assessment in Special Education.

Introduction to the definition, historical factors, litigation, and legislation related to assessment in special education. Both formal and informal assessment of students with disabilities for placement and instructional purposes is discussed. Additional topics include assistive technology, assessment accommodations, ethical practices, response to intervention, pre-referral intervention, dynamic and authentic assessment strategies, task analysis, miscue analysis, and various assessments for academic, emotional, and transition areas. This is a performance-based course that requires candidates to participate in a case study that goes through the pre-referral process and leads to the development of an Individualized Education Program. *Open to Special Education majors only. First semester, three credits. Prerequisite: Exc 205.*

Exc 401—Language Disorders in Children.

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. *Identical to CD 401. Both semesters, three credits. Prerequisite: Exc 206.*

Exc 408—Prescriptive Reading Practicum.

The student will be able to diagnose causes of reading difficulties and prescribe appropriate methods and procedures for addressing them in Pre-K-8 settings. Students will have opportunities to work with individuals in small groups in practical applications at grade levels appropriate for their major. *Identical to EE 408. Both semesters, three credits.*

Exc 410—Family, Community & School Collaboration.

A practical development of the theoretical discussions from earlier EXC courses on effectively collaborating and consulting in culturally responsive ways, with families, other educators, school personnel, related service providers, and community service providers and agencies to develop the team approach in the education of students with exceptional learning needs of students. Special topics include the relationship of poverty to the education of student with exceptional learning needs, cultural self-evaluation, communication self-evaluation, role play and guest discussions from parents of students with exceptional learning needs. *Open to Special Education majors only. Second semester, three credits.*

Exc 451—Teaching Math: Mild Disabilities.

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. *First semester, three credits. Prerequisite: Exc 205.*

Exc 453—Behavior Management.

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. Teachers 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) and behavior methods, such as functional behavior assessment. *Open to Special Education majors only. Second semester, three credits.*

Exc 499—Clinical Practice: SPED.

Observations, participation, conferencing, and actual teaching are done in a Pre-K-12 resource or self-contained special education setting with mildly-moderately disabled students for at least 60 full days. Teacher candidates will demonstrate skills in understanding and using IEP's, behavior management, formal/informal assessment, evidence-based practices and effective teacher behaviors. During the semester, teacher candidates meet with university supervisors in a weekly seminar, designed to monitor and coordinate the candidate's progress through the clinical practice experience. Candidates are required to apply for Clinical Practice and be fully admitted to the education program one academic year prior to the semester they plan to enroll in Clinical Practice. Candidates are required to create lessons based on the South Carolina Academic Standards. Candidate's teaching will be evaluated using the South Carolina Standards for Assisting, Developing and Evaluating Professional Teaching (ADEPT). *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. Identical to EE 499, SE 499, MSE 499 and EC 499. Both semesters, nine credits.*

DIVISION OF PHYSICAL EDUCATION AND EXERCISE SCIENCE

Health and Physical Education

HPE 106—Wellness Concepts.

Elementary human physiology and the detection and control of communicable and non-communicable diseases. Principles and problems of personal, school and community health as they apply to everyday living. *Both semesters, two credits.*

HPE 115—Lifeguard Training.

This course will prepare students to properly assume lifeguarding responsibilities at a swimming pool, water park or a protected (non-surf) open-water beach. Upon successful completion of this course, an American Red Cross lifeguarding certificate will be issued. *Both semesters, two credits.*

HPE 205—Foundations of Exercise Science & Sport. Orientation to exercise science and sport including history, introduction to various philosophies, objectives and goals, scientific foundations, career opportunities, and issues and challenges of today and the future. *First semester, three credits.*

HPE 207—Introduction to Recreation.

History, philosophy and objectives of recreation. Characteristics and values of recreation. Principles of recreation applied to the community and the ministry of the church. *Identical to CMn 207. Both semesters, two credits.*

HPE 208—Teaching Racquet Sports.

Techniques for teaching badminton and tennis. *Second semester, one credit.*

HPE 211—Teaching Conditioning.

The science of designing effective exercise programs to promote health and fitness, including fitness assessment, exercise prescription and proper fitness techniques. *First semester, one credit.*

HPE 215—Lifeguard Instructor.

This course will train instructor candidates to teach lifeguard training, basic lifeguard training, emergency water safety, basic water safety and safety training for swimming coaches. Upon successful completion of this course, an American Red Cross lifeguard instructor certificate will be issued. *Second semester, one credit. Prerequisite: HPE 115.*

HPE 216—First Aid Instructor.

This course will prepare instructor candidates to teach First Aid, Adult CPR, Child CPR, Infant CPR and Automated External Defibrillator (AED). Upon successful completion of the course, an American Red Cross First Aid Instructor certificate will be issued. *Second semester, one credit. Prerequisite: HPE 311.*

HPE 217—Water Safety Instructor.

This course will train instructor candidates to teach swimming at all age levels. Upon successful completion of this course, an American Red Cross water safety instructor certificate will be issued. *Second semester, two credits.*

HPE 301—Coaching Basketball.

Basketball theory and practice: the coach, fundamental skills and strategy. *Second semester, two credits.*

HPE 302—Coaching Baseball.

Baseball theory and practice: positions, official scorers, the coach, fundamental skills and strategy. *Second semester, two credits.*

HPE 311—First Responder.

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. *Both semesters, three credits.*

HPE 312—Prevention & Care of Athletic Injuries.

Techniques for prevention, recognition, referral and follow-up care of injuries in athletics. *Both semesters, one credit.*

HPE 313—Coaching Soccer.

Fundamental skills, drills, conditioning, systems of play, strategy and other phases of the game. *First semester, two credits.*

HPE 316—ASEP Coaching Principles.

Instruction in the ASEP Coaching Principles certification course and practical coaching experience at the junior high or high school level. *First semester, one credit.*

HPE 317—Coaching Practicum.

Discussion and instruction in current issues of the coaching profession and practical experience at the middle school or high school level. *Second semester, one credit.*

HPE 318—Outdoor Pursuits.

Deals with the rationale underlying outdoor pursuits and the relationship of learning in the out-of-doors to the camp, recreation department, and school curriculum. Effective techniques and procedures for outdoor teaching, organizing, implementing, and evaluating resident out door camp and school programs are covered. Implications for teacher education are discussed. *Second semester, two credits.*

HPE 319—Coaching Volleyball.

Theory and practice: skills, games and strategies. *First semester, two credits.*

HPE 320—Coaching Softball.

Theory and practice: skills, games and strategies. *Second semester, two credits.*

HPE 321—Teaching Minor Sports.

Techniques for teaching minor sports such as team handball, flag football, racquetball, table tennis and others. *Second semester, one credit.*

HPE 400—Officiating Volleyball/Soccer.

Theory and practice in officiating volleyball and soccer with instruction in official NFHS rules, mechanics and fundamentals of officiating. *First semester, one credit.*

HPE 401—Officiating Basketball/Baseball/Softball.

Theory and practice in officiating basketball, baseball and softball with instruction in official NFHS rules, mechanics and fundamentals of officiating. *Second semester, one credit.*

HPE 403—Therapeutic Recreation.

Practical application of therapeutic recreation, including medical terminology, characteristics and implications of leisure needs of special populations. *Second semester, two credits.*

HPE 405—Teaching Health & Physical Education.

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. *Identical to EE 405. Both semesters, three credits.*

HPE 406—Group Exercise Internship.

Practical application and experience of personal exercise prescription and group exercise with a variety of populations *First semester and summer, one credit.*
Prerequisite: HPE 422.

HPE 407—Personal Training Internship.

Practical application and experience of fitness training principles with individual clients and special populations with research and initial pursuit of personal training certification. *Second semester and summer, one credit. Prerequisite: HPE 422.*

HPE 412—Internship in Recreation.

The student can work as a counselor in a boarding camp for 4 weeks, a day camp for 8 weeks or with a city/county recreation department for 8 weeks under supervision with the respective agency. *Summer only, two credits.*

HPE 421—Kinesiology.

Mechanical and anatomical fundamentals of human motion. Muscular analysis of body movements in physical education. *Identical to Bio 421. First semester, three credits. Prerequisite: Bio 303.*

HPE 422—Physiology of Exercise.

Application of physiological principles to muscular action of the human organism. *Identical to Bio 422. Second semester, three credits. Prerequisite: HPE 421. Excludes: Bio 422.*

HPE 423—Motor Learning.

Principles of learning as applied to instruction and development of physical activity. *First semester, two credits.*

DIVISION OF PSYCHOLOGY**Psychology****Ps 200—General Psychology.**

The fundamental conditions and facts of thought and behavior, including the physiological basis of behavior, personality, emotions, feelings, sensations, learning, habit formation, memory and perception. *Both semesters and summer, three credits.*

Ps 201—Educational Psychology.

Psychology as applied to education: original tendencies; laws of learning; amount, rate, limit, conditions, spread and permanence of improvement; mental work and fatigue; research; and individual differences. Sequential and incremental formal, structured clinical experiences in a school setting are included as part of this course. *Both semesters and summer, Distance Learning, three credits.*

Ps 202—Experimental Psychology.

Introduction to problems and methods of experimentation in psychology and critical treatment of content and methods; the logical and scientific basis of experimental psychology. An introduction to standardized tests used in psychology and the statistical basis for standard scores. Scientific procedures and research findings in areas of psychophysics, sensory processes, learning modification, and complex processes. *Second semester, three credits.*

Ps 203—Human Growth & Development.

Study of developmental patterns from prenatal period through senescence. *First semester, three credits.*

Ps 300—Child Psychology.

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. *Both semesters and summer, Distance Learning, three credits.*

Ps 302—Adolescent Psychology.

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. *Both semesters and summer, Distance Learning, three credits.*

Ps 305—Introduction to Exceptional Learners.

History, legal foundations and current trends in special education, with surveys of the following exceptionalities: attention deficit disorders, emotional-behavior disorders, giftedness, health/physical impairments, hearing impairments, learning disabilities, mental retardation, speech/language disorders, visual impairments. Additional topics include assessment, parents and instructional planning. *Both semesters and summer, Distance Learning, three credits. Excludes: Exc 205.*

Ps 341—Fundamentals of Counseling.

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 and summer, Distance Learning, three credits.*

Ps 342—Practice of Counseling.

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. *Second semester and summer, Distance Learning, three credits. Prerequisite: Ps 341.*

Ps 402—Clinical Psychology.

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. *Second semester, three credits. Prerequisite: Ps 450.*

Ps 403—Social Psychology.

Influence of social forces on a person's perception of himself, others and the world around him. The interaction of thoughts and attitudes, including how and why we conform, persuade, help and discriminate. *Second semester, three credits. Prerequisite: Ps 200.*

Ps 411—Counseling Practicum.

Students will work with clients in a supervised setting in a counseling/testing role. Case studies will be developed and maintained as well as critiqued. *Both semesters, three credits. Prerequisite: Ps 341.*

Ps 431—Biblical Family Foundations.

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. *Both semesters, three credits. Prerequisite: Ps 341.*

Ps 441—Counseling Men.

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. *Both semesters, three credits. Prerequisite: Ps 341.*

Ps 450—Abnormal Psychology.

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 and summer, three credits.*

Ps 461—Counseling Women.

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. *Open to women only. Both semesters, three credits. Prerequisite: Ps 341.*

SCHOOL OF BUSINESS

DIVISION OF ACCOUNTING

Accounting

Ac 100—Basic Accounting.

Enables the student to acquire a working knowledge of the accounting cycles. Emphasis on the financial statements as the foundation for business decision making. Introduction to spreadsheets. *Not applicable toward a baccalaureate Accounting Major. First semester, four credits.*

Ac 101—Principles of Accounting I.

Fundamental accounting procedures, journals, ledgers, financial statements and uses made of accounting information. Basic principles and procedures in accounting for corporate assets. Based upon the student's Math ACT score, the following prerequisites are required prior to enrolling in Ac 101. The student with an ACT score of 1–17 must take and pass Ma 101 and Ma 102; the student with an ACT score of 18–19 must take and pass Ma 102. There are no prerequisites required for an ACT above 19. (Note: A student passing the Math Placement Test has no prerequisites). *Both semesters, Distance Learning, three credits.*

Ac 102—Principles of Accounting II.

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. *Both semesters, three credits. Prerequisite: Ac 101.*

Ac 205—Accounting Software.

Practical use of accounting software for the small business. Provides hands-on experience through the use of practical and real-life small business scenarios. *Both semesters, three credits. Prerequisite: Ac 100 or Ac 101.*

Ac 305—Intermediate Accounting I.

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. *Both semesters, three credits. Prerequisite: Ac 102.*

Ac 306—Intermediate Accounting II.

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. *Both semesters, three credits. Prerequisite: Ac 305.*

Ac 310—Accounting Information Systems.

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. *Second semester, three credits. Prerequisite: Ac 102.*

Ac 400—Auditing.

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. *First semester, three credits. Prerequisite: Ac 306.*

Ac 401—Taxation I.

Individual taxation, allowed deductions, inclusions and exclusions to income, capital gains, tax computations and credits. *First semester, three credits. Prerequisite: Ac 102.*

Ac 402—Advanced Accounting I.

Accounting for combined corporate entities and consolidations, including consolidated statements, intercompany transactions, foreign operations and other selected topics. *First semester, three credits. Prerequisite: Ac 306.*

Ac 403—Managerial Accounting I.

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. *First semester, three credits. Prerequisite: Ac 102.*

Ac 405—Financial Statement Analysis.

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. *Second semester, three credits. Prerequisite: Ac 306 and Ac 402.*

Ac 411—Taxation II.

Corporate taxes, special problems in individual taxation, net operating losses, partnerships, fiduciaries, and estate and gift taxes. *Second semester, three credits. Prerequisite: Ac 306.*

Ac 412—Advanced Accounting II.

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. *Second semester, three credits. Prerequisite: Ac 306.*

Ac 413—Managerial Accounting II.

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. *Second semester, odd-numbered calendar years, three credits. Prerequisite: Ac 403.*

Ac 415—Accounting Theory.

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. *First semester, three credits.*

Ac 450—Accounting Internship.

Placement with a public accounting firm or corporate accounting department for the first half of the semester. *Not applicable toward a major or minor. Second semester and summer, six credits. Excludes: BA 450, BA 453 and BA 454.*

DIVISION OF MANAGEMENT

Business Administration

BA 101—Introduction to Business.

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, three credits.*

BA 203—Principles of Management.

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. *Both semesters, three credits.*

BA 210—Global Business.

An examination of the components of the global environment which a manager must face. These components include the effects of socioeconomic and financial differences, the disparity of environmental and infrastructure conditions, and the importance of variations. Also addressed are cultural attitudes toward labor and competition. *Both semesters, three credits.*

BA 220—Home-Based Business Strategies.

An introductory course that focuses on home-based business opportunities, business planning, startup procedures, office setup, legal issues, marketing strategies and record keeping. Includes study of the rewards and challenges of running a home-based business or telecommuting from home. *Both semesters, three credits.*

BA 301—Legal Environment & Ethics of Business.

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. *Both semesters, three credits.*

BA 309—Business Software.

In-depth work with spreadsheet and project management software programs. Hands-on experience dealing with practical business applications and analysis. *Both semesters, three credits.*

BA 330—Supply Chain Management.

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. *Both semesters, three credits.*

BA 404—Business Statistics.

A computer-based statistics course with a business emphasis on application and decision making. Topics include sampling theory, hypothesis testing, regression and statistical process control. *Both semesters, three credits.*

BA 406—Entrepreneurship.

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. *First semester, three credits. Prerequisite: BA 101 or Mkt 205.*

BA 418—Management Policies.

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, three credits.*

BA 452—Business Internship.

A part-time professional work experience of 120 hours. General readings and reports on internships. *Not applicable toward a major or minor. Both semesters and summer, three credits. Excludes: BA 450 and Ac 450.*

BA 453—Advanced Business Internship.

A part-time professional work experience of 120 hours. Industry specific readings, reports and interviews. *Not applicable toward a major or minor. Both semesters and summer, three credits. Prerequisite: BA 452. Excludes: BA 450 and Ac 450.*

Finance

Fin 201—Corporate Finance.

Principles and techniques of financial analysis, planning and control, working capital management, capital budgeting, long-term financing and cost of capital. *Both semesters, three credits. Prerequisite: Ac 100 or Ac 101.*

Fin 202—Small Business Finance.

An introduction to the financial management issues facing a small business, including the financial and legal factors affecting different forms of businesses, financial reporting, cash flow, planning and budgeting, working capital management, decision-making for long-term assets, sources of funds, venture capital, insurance and taxation. *Both semesters, three credits.*

Fin 305—Money & Banking.

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. *Both semesters, three credits.*

Fin 402—Financial Theory & Application.

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. *Second semester, even-numbered calendar years, three credits. Prerequisite: Ac 305 or Fin 201.*

Fin 404—Advanced Financial Management.

A study of the advanced phases of financial analysis, with special emphasis given to working capital management and valuation. *Three credits. Prerequisite: Ac 102.*

Fin 405—Investment Portfolio Management.

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. *Both semesters, three credits.*

Human Resources**HR 215—Intro to Human Resources Management.**

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, three credits.*

HR 301—Compensation & Benefits.

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. *Second semester, even-numbered calendar years, three credits. Prerequisite: HR 215.*

HR 403—Managerial & Interpersonal Behavior.

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. *Second semester, three credits.*

HR 409—Training Methods.

Overview of training methodologies in the business environment. Includes field trips, observations, demonstrations, development of materials, and supervised in-class training. *First semester, odd-numbered calendar years, three credits.*

HR 415—Employment Selection & Placement.

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, three credits. Prerequisite: BA 404 and HR 215.*

HR 430—HR Measurement & Metrics.

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. *First semester, even-numbered calendar years, three credits. Prerequisite: BA 309, BA 404 and HR 215.*

HR 470—Managing Risks & Global Pressures.

A study of the complex problems facing both small and large human resource departments. Topics include unionization and the increasing global pressure associated with finding and maintaining adequate human resources. *Second semester, even-numbered calendar years, three credits. Prerequisite: HR 215 and HR 430.*

Marketing**Mkt 205—Principles of Marketing.**

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, three credits.*

Mkt 411—Marketing Strategy.

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. Team projects and presentations to local firms. *First semester, odd-numbered calendar years, three credits. Prerequisite: Mkt 205.*

Mkt 412—Salesmanship.

Practical training in successful selling. Emphasis on the selling process, prospecting, preparation, presentation, handling objections, closing and follow-up. *First semester, three credits. Prerequisite: Mkt 205.*

Mkt 414—Marketing Research.

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. *Second semester, odd-numbered calendar years, three credits. Prerequisite: BA 404 and Mkt 205.*

Mkt 415—Sales Management.

Emphasis on leading a sales team with particular focus on recruiting, hiring, training and compensating. *Second semester, three credits. Prerequisite: Mkt 412.*

Culinary Arts**TCA 101—Basic Food Knowledge.**

An introduction to the broad spectrum of products used in the food service industry. The student will learn the names, grading, and identification of food products. The course includes an analysis of the optimal care and handling of perishable food items in daily operations. *First semester, three credits.*

TCA 102—Cooking Methods.

The process of cooking and working with food. The

student will learn the wholesome, sanitary handling of food products. Emphasis will be placed on the selection of cooking techniques for the various food products. *First semester, three credits.*

TCA 104—Introductory Bakeshop.

Exposure to the methods and techniques of commercial baking. The student will gain an overview of the many baked products and their application in the food service industry. *First semester, three credits.*

TCA 116—Food Service Sanitation & Nutrition.

The study of balanced menus presented to restaurant customers. The student will become knowledgeable in the essential nutrients that enrich the human body. Areas of study include proper portioning, calculation of meal nutrition, and healthy food selection for professional menus. *Second semester, three credits.*
Excludes: FN 260.

TCA 118—Food Service.

A course in the practical phases of commercial food production. This course includes the student planning, preparation and execution of food service functions. *Second semester, three credits. Prerequisite: TCA 102. Excludes: FN 350 and FN 150.*

TCA 125—Desserts & Pastries.

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. *Second semester, three credits. Prerequisite: TCA 104.*

TCA 201—Practical Catering.

The planning and execution of food service functions. The course includes the student preparation of food events. *First semester, three credits. Prerequisite: TCA 118 and TCA 125.*

TCA 202—Garde Manger.

A practical in-depth exposure to food presentation. The topics will include cold- and hot-food garnishes, individual *a la carte* concepts and the basics of cake decorating. *Second semester, two credits. Prerequisite: TCA 201 and TCA 211.*

TCA 203—Fine Dining.

This capstone class teaches the practical preparation of food. It covers the cooking of meats, seafood, potatoes, vegetables, and use of herbs and spices, dairy products, eggs, rice and pasta. *Second semester, four credits. Prerequisite: TCA 201 and TCA 211.*

TCA 205—Food Service Management.

Discusses the principles governing food service business practices. The course stresses the basic concepts of leadership, organization, standards, communication, control and personnel supervision. *First semester, three credits.*

TCA 211—Culinary Arts Practicum.

The objective is for the student to gain an understanding of commercial food service operations. The direct area of focus for this semester will be sanitary food preparation. *First semester, three credits. Prerequisite: TCA 118 and TCA 125.*

TCA 216—Food Purchasing & Menu Planning.

In-depth look at systems and procedures of good product control. The flow path of these products

through food service outlets. *Second semester, three credits.*

TCA 225—Recipe Costing & Menu Analysis.

A study of recipe expansion and costing. The concepts of product yields, weight and measure conversions, and the development of menu item expenses are the key areas of focus. *Second semester, three credits.*

TCA 306—Restaurant Equipment & Design.

A study of the mechanical aspect of today's food production facilities. The student will be required to apply these concepts through developing an original food service facility. *Second semester, three credits.*

Buildings & Equipment

Bob Jones University occupies a plant comprising 205 acres. The institution moved into the initial unit of 25 buildings for the 1947–48 session. Since that date additional buildings have been constructed on an average of more than one a year. The campus plan included in this catalog shows the building locations.

The Administration Building houses the business and executive offices.

The Alumni Building houses the Bellis Copy Center, language laboratory, Academic Resource Center (including Instructional Technologies and Academic Accommodation Services), technology classroom, lecture halls, classrooms and faculty offices.

The Alumni Stadium with a seating capacity of approximately 4,000 is used for soccer games. There are also four soccer fields available for practices and games. Softball games are also played in this outdoor activity area. The Alumni Stadium has a ¼ mile track for recreational running activities. Lighted tennis courts are available for use throughout the day and evening.

Barge Memorial is licensed as a privately owned educational institutional infirmary (University Health Services) for the faculty, staff and students. It has a pharmacy, X-ray department, and clinical laboratory. The facility also houses the University's Cancer Research Laboratory.

The Bob Jones Jr. Memorial Seminary and Evangelism Center, named to symbolize the vital connection between historic Fundamentalism and evangelism, serves to promote the cause of world evangelism by teaching the fervent exposition and application of the Word of God. The two-story structure, covering approximately 18,000 square feet, is located in close proximity to the Alumni Building and the Library. Its features include high-tech resource and research facilities, historical displays and memorabilia, classrooms, faculty offices, a conference room, and a lecture hall.

The Culinary Arts Building supports the associate degree program in the School of Business. The Culinary Arts building contains a kitchen, bakeshop and dining room/classroom.

The Davis Field House provides facilities for the division of physical education and exercise science, the intercollegiate program, the university intramural program, and faculty/staff/student recreation 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 Dixon–McKenzie Dining Common accommodates 2,500 people at a sitting. It is one of the ten largest dining facilities in the country operating under one roof. It prepares 1.5 million meals each year. In addition to the Varsity Room for students, three smaller rooms are provided for special university functions and catering.

The Edwards–Riley Memorial Student Center contains the War Memorial Chapel, Stratton Hall, Snack Shop, Campus Store, Welcome Center, Levinson Hall, Photo Services, Post Office, Riley Reception Room, Edwards Game Room, Alumni Association, Career Services and conference rooms.

Facilities Management, located in the Ludwig Facilities Management Center, is responsible for maintaining approximately 2,700,000 square feet of buildings and residence halls, as well as approximately 78 residences and 267 apartments on over 270 acres of property. The University Maintenance Department is responsible for all campus and residential property maintenance. Utilities and Energy Services is responsible for plumbing, electrical, HVAC, welding, sheet metal, energy controls and the operation of the cogeneration plant. The Operations and Services Department is responsible for Central Distribution (all warehousing activities), Custodial Services, Recycling, Floor Covering, Transportation and grounds maintenance. The Projects, Design and Construction groups are responsible for the development, engineering and construction of all major road, building and utility projects on campus. Interior Design is responsible for all furnishings and finishes as well as Christmas lighting and special decorations throughout the year.

The Founder's Memorial Amphitheater seats 7,000 and is the preaching center of the campus. A tribute to the memory of Dr. Bob Jones Sr., the mammoth edifice is akin to an enclosed Greek amphitheater and allows an audience the greatest possible proximity to a speaker. A 90-rank Allen organ is located in this hall. It also houses Bob Jones University's recording studios and a 200-seat assembly room.

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

The Grace Haight Nursing Building houses the offices, classrooms, simulated laboratories and learning resource center for the Division of Nursing.

The Gustafson Fine Arts Center contains specially designed studios for voice, piano, instruments and pipe organ, as well as rehearsal spaces for orchestra, band, chorus and ensembles. The Music Library, with its large record, compact disc, DVD, videocassette and score collection, is also located here. Art and design

facilities are located in the Sargent Art Building and include offices, classrooms and studios for painting, drawing, sculpture, ceramics, fiber arts, printmaking and design. Three state-of-the-art computer technology classrooms are available for classes and students in fine arts. Broadcasting Department facilities include classrooms, control rooms, radio studios and a well-equipped television studio. The studios of student-operated WBJU, the campus station, are also located in the Fine Arts Center. Communication facilities include offices, classrooms, conference rooms, multi-media room and the speech therapy clinic.

The **Howell Memorial Science Building** houses the Roder Memorial Coral Collection, the Waterman Bird collection, modern laboratories for instructions in biology, chemistry, physics and engineering; modern facilities and labs for the teaching of Family and Consumer Sciences; classrooms and lecture halls; and faculty offices.

The **Mack Library** has about 90,000 square feet of floor space. This modern facility offers seating for over 1,300, including individual study carrels, open bookstacks in the reading areas, an audiovisual facility, a large periodical room and three technology classrooms.

Other prominent features include the Jerusalem Chamber, a replica of the room in Westminster Abbey in London in which work was accomplished on the 1611 King James Bible and the University Archives Room which displays materials about the Founder and history of BJU.

Approximately 325,000 volumes are housed in the collection, and over 970 current periodical titles are received. In addition, over 22,000 music, speech and language recordings are available in departmental library rooms elsewhere on the campus.

The Library features the Millennium online catalog and an automated circulation system supported by Innovative Interfaces. These units provide an integrated system and access to other library catalogs from one of the 40 public access stations. Books not held in our library may be obtained by interlibrary loan through OCLC, a national database. In addition, students have access to the Internet from 38 public access stations which provide online searching for magazine and other information in over 100 databases. The Fundamentalism File contains over 120,000 articles on religious subjects and secular topics from a religious perspective.

The **Museum & Gallery at Bob Jones University** houses one of the foremost collections of old master paintings in America. Renowned and respected around the globe by art scholars and museum professionals, the 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. M&G extends its collection into communities at home and abroad through its educational and cultural outreaches that enrich the whole man—mind, heart and soul.

The collection of old master paintings contains representative works of Flemish, Dutch, German, French, Italian and Spanish painting from the 14th through 19th centuries. Among them are outstanding examples from the brushes of Tintoretto, Veronese, Botticelli, Preti, Reni, Le Brun, Gerard David, Cranach, Murillo, Ribera, Rubens and van Dyck.

Period furniture and statuary afford interesting sidelights on the other arts as well as a look into the life and times contemporary with the over 400 paintings in the collection.

M&G also houses the **Bowen Collection of Antiquities** which contains the varied display of biblical antiquities from the collection of the late Mr. and Mrs. Frank Bowen. This excellent collection displayed on a rotating basis, presents an unusual opportunity for systematic study of the Bible in light of archaeology.

As a visual library and valuable resource, the Museum & Gallery presents a record of the culture, religion and history of ages past, beginning in Bible times and extending through the 19th century. Approximately 20,000 people visit this remarkable collection each year. Thousands of students, families and adults participate in M&G's educational offerings and cultural outreaches such as the annual *Living Gallery* presentation, music recitals, focus exhibitions, children's programs, guided tours, membership program and more. Through its educational efforts and collection, including its satellite the M&G at Heritage Green location in downtown Greenville, M&G continues to extend its reach beyond its campus family and into the surrounding community, beyond its national borders and into international circles. Students in any field, art-related or not, benefit from the rich legacy the collection provides.

Performance Hall contains classrooms for dramatic production courses, a design studio and a 150-seat laboratory theater designed to present student productions in proscenium, arena or thrust-stage styles. Also housed in this area are music practice facilities for women students.

Residence Halls at Bob Jones University are staffed by a residence hall supervisor and two residence hall counselors. There are five men's and five women's residence halls for single students. Residence hall rooms are fully carpeted and air-conditioned and provide computer connections to the campus network. Each room is outfitted with a telephone and 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. In order to keep the facilities up to date, each residence hall is maintained and refreshed on a regular basis. To aid campus security, certain residence hall doors are accessible only by student ID cards, and all outside entrances to the residence halls are monitored by video surveillance equipment.

Spacious covered walks connecting most of the major buildings provide protection from the weather for students moving from one building to another.

Rodeheaver Auditorium is one of the finest collegiate stages in the United States. The mechanical equipment of the building includes two contour curtains, a revolving stage, over 40 fly lines, and orchestra and stage lifts—making it one of the best-equipped theaters in the Southeast. Seating over 2,600, the building also houses the scene shop, various storage areas, an extensive collection of costumes from various university productions, as well as dressing rooms and property rooms. A 57-rank Zimmer pipe organ is located in this hall. Forty-three digital stops were added to the instrument in 2004. In addition, Rodeheaver Auditorium houses Unusual Films, BJU's award-winning film production studio.

The **University Cleaners** does the linen service for various campus departments, as well as dry cleaning, laundry and shirt service for the faculty, staff, students and community.

In **Unusual Films**, Bob Jones University has one of the most effective media today of spreading the Gospel throughout the world. This up-to-date, excellently equipped motion picture studio centers on a large sound stage complete with professional cranes and multidirectional dollies, cameras, microphone perambulators, catwalks, arc and incandescent lights, lighting accessories, and still photography equipment and laboratories. Conveniently located near the sound stage are studios for makeup and hairstyling, wardrobe, film and non-linear video editing, sound recording, re-recording and scoring, 2-D and 3-D animation, set and costume design, scene drafting and construction, film distribution, projection computer lab, and classroom facilities.

Since its organization in 1950, Unusual Films has established an outstanding record in the production and distribution of its films which are being shown in all parts of the world. One of its most celebrated film releases has been *Wine of Morning*, a two-hour, full color, first-century story that was selected to represent America at the International Congress of Schools of Cinema at the Cannes Film Festival. Since then, Unusual Films has produced, in addition to numerous shorter films, six more feature-length productions: *Red Runs the River*, a 90-minute film dealing with the personal conversion of one of the historic generals of the Civil War; *Flame in the Wind*, present-

ing a strong gospel message against the background of the Spanish inquisition; *Sheffey*, the moving story of a circuit riding preacher known for his power in prayer; *Beyond the Night*, a missionary film telling the story of the powerful testimony of a missionary doctor in Africa; and *The Printing*, the story of secret Bible printing in the Soviet Union on the eve of *perestroika*. The most recent children's productions are *The Treasure Map*, *Appalachian Trial* and *Project Dinosaur*, three dramatic adventure films designed to appeal to children, and *The Golden Rom*, *Farmer Dillo Paints His Barn*, and *Farmer Dillo Counts His Chickens*, all of which are animated stories. Unusual Films' most recent feature-length film, *Milltown Pride*, is set in a 1920's textile mill village and depicts the story of a young man's dream to play baseball and his willingness to sacrifice anything to make that happen.

Unusual Films serves as a laboratory for cinema students who wish to receive professional training in all phases of Christian and educational motion-picture and video production and in the field of still photography. Cinema majors, as well as any student in BJU, may gain experience in the various aspects of production, and cocurricular credit may be earned by such participation.

Because of the strong Christian emphasis and the serious approach to the work on the part of Christian young people who feel a definite call of God to this field of service, because of the motion picture equipment and facilities, because all fine arts are given without additional tuition, because of the teacher-training background of the Unusual Films staff coupled with a knowledge of motion pictures, and because of the practical experience given students, Bob Jones University is better prepared than any other university in America to train Christian young people who are seriously interested in cinema and video.

The purpose of Unusual Films to win men and women to Jesus Christ is epitomized in the motto which hangs on the sound stage wall: I Cor. 9:22—"I am made all things to all men, that I might by all means save some."

The **War Memorial Chapel** contains a series of huge canvases painted by Benjamin West depicting scenes from the Old and New Testaments—a part of the intended decoration for the chapel at Windsor Castle. The hall also contains a 19-rank Wicks pipe organ.

The University

Student Life

Attendance

For the purpose of leaving the city of Greenville, a student may be absent from class according to the attendance policy if his academic average is satisfactory and if the proper permission has been secured. No student may be away during the following times:

- (1) within two weeks following the beginning of first semester,
- (2) the ten days before Thanksgiving break begins,
- (3) within three weeks of Christmas vacation,
- (4) within two weeks following the beginning of second semester,
- (5) during the Bible Conference week,
- (6) within three weeks of commencement.

Professors may require that class work be made up in advance if classes are missed.

A student is required to attend all classes, assemblies, etc., unless he is otherwise excused; and he is required to be on time. The details of the regulations regarding these matters are amplified in the Student Handbook which is distributed each year to the students.

Church Attendance

All students attend at least two services per week at an independent, fundamental church in the local community.

Housing

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 bed linens, twin bed mattress cover, blankets, pillows and towels. We suggest that students wait until they arrive before purchasing minor room furnishings such as curtains.

Freshman residence hall students under 21 years of age may have a car which, with the proper permission, may be used on weekends for church services, outreach, trips home or work. Students who have at least general privileges may use their vehicles for all legitimate purposes.

BJU, through the Office of Student Services, lends all possible assistance to married couples in locating housing in the area.

Standards of Conduct and Discipline

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 the mission requires an edifying campus atmosphere and an environment that promotes spiritual growth. Maintaining a desired campus atmosphere necessitates a discipline system to which all students submit themselves and hold each other accountable. BJU bases its system of accountability and correction on the functions of Scripture taught in 2 Tim. 3:16—teaching, reproof, correction and training in righteousness.

Formal discipline at BJU is administered by a committee of administrators, Student Life staff and student leaders. Students who accumulate 150 demerits during a semester are suspended. If a student demonstrates an unwillingness to pursue a Christian testimony and our educational mission, BJU retains the right to deny that student further enrollment or to deny him his degree.

Through its discipline system, BJU seeks to lovingly verbalize the truth in order to instruct, warn, rebuke, restore and develop Jesus' disciples and to apply God's Word to help develop "complete" Christians fully equipped for every good work (2 Tim. 3:17). Faculty and staff are involved in students' lives, and students should be involved in each other's lives. The campus community pledges together to help each other grow and hold each other accountable with the goal of encouraging the spiritual success of every individual on campus.

Student Activities

Concert, Opera & Drama Series and Recitals

Each year the University Concert, Opera & Drama Series presents programs by the world's leading solo artists and ensembles, as well as productions of opera and Shakespeare. 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.

Bible Conference

The annual spring Bible Conference is one of the outstanding features of the university year. Extending for six 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 late 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. This special day of remembering God's work concludes with a banquet in the dining common.

Chapel Services

One of the most interesting features of Bob Jones University is the 35-minute chapel service held every morning Monday through Thursday. These services are a source of great inspiration to students. Four days a week the chapel message is brought by the president, an administrator, a faculty member or a guest speaker. Each Friday the chapel period is devoted to the meetings of various societies, vespers or Biblical Worldview Forums.

Church Attendance

All students are asked to attend at least two services per week at an independent, fundamental church in the community.

Day of Prayer

Once each semester, classes are canceled and a day is devoted to prayer and praise. The schedule varies, but includes sessions where students and faculty and staff members gather by groups to share requests and pray.

Debate

For the debate competition, each student has opportunity to participate in several elimination contests throughout the school year to determine the winner of the BJU cup, which is awarded at commencement. BJU also sponsors debate teams which compete in the National Educational Debate Association tournaments several times throughout the year, and these teams have achieved an enviable record.

Graduating Student Expo

The Graduating Student Expo helps prospective graduates prepare for commencement and a successful transition from college to life after graduation. The expo contains all the services a prospective grad needs to feel prepared for graduation. Prospective grads may order graduation announcements and class rings, sign up for a cap and gown portrait, review graduation requirements, learn about job networking resources, get advice on repaying loans, and explore ways to stay connected with Bob Jones University.

Intercollegiate Athletics

BJU participates as an NCCAA Division 1 school in men's and women's soccer, cross country, and basketball intercollegiate competition. 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 opportunities offered by the intercollegiate athletic environment to learn self control, consideration for others, respect for authority and sportsmanship above championship.

Missions Emphasis Week

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

Outreach Ministries

BJU has over 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.

Scholastic Bowl

University societies compete in this intramural competition culminating in the championship clash before a university-wide audience. The questions cover a wide range of knowledge including Bible, liberal arts, science and current affairs. The winning society receives recognition at the annual awards program.

Society Athletics

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). Because this organizational setup calls for 21 men's teams and 23 women's teams for

each sport, an exceptionally high percentage of student participation is possible. The competition includes a variety of team and individual sports, such as soccer, basketball, softball, volleyball, tennis, badminton and table tennis. The winners in both the men's and women's sports awards competition for the school are determined by means of a graduated point system. Sports awards trophies are presented along with other university awards during commencement week.

Soul Winning 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 family leaves motivated to use their opportunities to win souls for Christ.

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, relieve any anxiety they might have, 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 our Student Information Fair and interact with representatives from BJU's academic schools and numerous campus departments.

Vespers

Presenting faculty and students in a sacred program, the Vespers service is probably the best known of all religious services of Bob Jones University. Occasionally, a religious drama is presented. These services, both devotional and cultural, attract many visitors.

Student Organizations

Art and Design Forum

The Art and Design Forum exists to give art students opportunity to gain broader understanding of their field of study outside the classroom. Professional artists, gallery curators, retail art dealers and 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, pricing, techniques, minority artists, job opportunities, demonstrations and critiques. Four sessions are scheduled throughout the school year.

Choral Program

The choral program at BJU exists to support the growth of the Christian student into the image of God

and to equip him 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, Conductors Chorus, Collegiate Choir, Concert Choir, Lyric Choir, University Chorale and Chamber Singers. Performances include concerts of standard choral literature and church music, Vespers and Chapel, oratorio, and the annual opera. Each participant will have the opportunity to reach his individual technical and artistic choral potential within a program that strives for the highest level of musical excellence.

Classic Players

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

The Collegian

Bob Jones University's award-winning student newspaper, *The Collegian*, was founded in 1987 as a journalism lab, offering students hands-on experience in producing a weekly publication. Students write and edit articles, design the layout and take photographs for the paper. Stories in *The Collegian* focus on campus news, personalities and student life, helping to unify the large and diverse student body. The paper is distributed free on campus and on the Internet.

Community Service Council

Community Service Council is an organization made up of students who volunteer their time to various service projects in the community in order to demonstrate the love of Christ. In the past years they have been engaged in cleaning up area parks and neighborhoods, assisting at children's activities such as Special Olympics and fall festivals, as well as sponsoring an on-campus blood drive. The CSC has received local, state and national recognition for its volunteer contributions to the City of Greenville.

Criminal Justice Association

The Criminal Justice Association exposes interested students of all majors 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.

Instrumental Programs

The instrumental activities program at Bob Jones University exists to educate Christian musicians broadly in wind and orchestral literature; to challenge them to strive for the highest level of musical development; to motivate them to serve God and others through the artistic and disciplined use of this medium; and to inspire them to excellence in performance as a display of God's glory and His gifts to man. The program consists of two bands, Symphonic Wind Band and Concert Band; two orchestras, Symphony Orchestra and Chamber String Orchestra. In addition, chamber ensembles provide opportunity for specialized performance. Performances include concerts of standard literature and church music, Vespers, oratorio and opera, in addition to special performances such as recording and touring. All students are welcome to audition and are placed according to their classification and abilities. Players are re-auditioned periodically to determine proper placement. Each participant will have the opportunity to reach his individual technical and artistic instrumental potential within a program that strives for the highest level of musical excellence

Inter-Society Council

The Inter-Society Council is composed of the president and vice-president of each society. The purpose of Inter-Society Council is to oversee societies, relay and implement university objectives, coordinate inter-society functions, promote university morale and exalt the Lord Jesus Christ in everything the societies do. The council meets periodically for ideas, seminars, discussions, fellowship and refreshment. The purpose of societies is to advance BJU's mission of developing Christlike character by fostering peer relationships focused on serving God, one another and the world around the students.

Journalism and Mass Communication Forum

Several times each semester, 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 opportunity to interact with these professionals in formal Q&A sessions and in post-meeting informal conversation.

Ministerial Class

This association is composed of university men students preparing for a full-time Christian ministry.

The ministerial class is led by the director of ministerial training and meets each week for instruction. The university chancellor, president and other leading fundamental religious leaders of the world address this class. Besides specified reading and class work, each student engages in practical ministerial work during the school year and in the summer months.

Mission Teams

Each year students have the opportunity to minister in other regions of the world by participating in one of BJU's summer mission teams. Students prepare throughout the year and raise their own financial support. Teams go to various countries spanning the globe using trade skills, 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.

Missions Advance

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. Mobilizing: by offering avenues through which the student body can be involved in mission work while in school.

Opera Association

Opera productions are presented each year, 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.

Premedical Association

The PMA exists to provide students with a vision of the many facets of medicine and dentistry. To this end the Premedical Association meetings aim to make students aware of current trends and issues within the medical and dental fields. Speakers at the Premedical Association are usually either practicing physicians or dentists or admission officials from medical or dental schools. The PMA provides interaction between students and experienced medical and dental personnel, as well as between older and younger students in the Premed/Predent program at BJU. The PMA officers schedule outside speakers and trips to medical schools. PMA members also encourage and pray for each other during the challenging undergraduate years and in the process of medical or dental school application and admission.

Programming Intercollegiate Team

The intercollegiate programming team represents BJU at various competitions throughout the southeastern U.S. 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.

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 majors as well.

Societies

There are no fraternities or sororities on the Bob Jones University campus, but there are 43 societies. Every student is eligible for membership in one of these groups. Officers are elected each semester within each society.

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

Societies for men are: Alpha Omega Delta, Alpha Theta Pi, Basilean, Beta Gamma Delta, William Jennings Bryan, Chi Alpha Pi, Chi Epsilon Delta, Epsilon Zeta Chi, Kappa Sigma Chi, Kappa, Sidney Lanier, Nu Delta Chi, Phi Beta Chi, Phi Kappa Pi, Pi Gamma Delta, Pi Kappa Sigma, Sigma Alpha Chi, Theta Chi, Theta Kappa Nu and Zeta Alpha Pi.

Societies for women are: Alpha Gamma Tau, Alpha Sigma Omicron, Beta Chi Omega, Beta Epsilon Chi, Chi Epsilon Sigma, Chi Kappa Delta, Chi Sigma Phi, Chi Theta Upsilon, Gamma Chi Tau—Gaston, Nu Alpha Phi, Pi Delta Chi, Pi Theta Epsilon, Sigma Kappa Rho, Sigma Lambda Delta, Tau Delta Chi, Theta Alpha Chi, Theta Delta Omicron, Theta Mu Theta, Theta Pi Delta, Theta Sigma Chi, Tri Epsilon, Zeta Tau Omega and Zoe Aletheia.

Student Leadership Council

The Student Leadership Council 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 prayer rallies, senior class events, intramural championship activities, snow

skiing and film nights along with activities for incoming freshmen at the beginning of the school year. The university student body elects officers for the Student Leadership Council each year.

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 with their peers from other colleges and universities a testimony for Christ. Membership in the Bob Jones University delegation is open to students of all academic majors and is determined through competitive interviews conducted during the spring semester.

University Business Association

The primary purpose of the University Business Association (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. The UBA provides fertile ground for the development of Christian men and women who are called to the Ministry of Business.

University Educators Association

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 various academic programs. This organization provides opportunities for all education students to secure leadership training and many professional contacts. Each of the professional education departments elects representatives to serve as officers, and some of the departmental meetings are part of the UEA programming. All prospective teachers are urged to become members of UEA. Two major activities are 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 activities each fall. The second program is a field day conducted in the spring for students at Bob Jones Academy.

University Ministry Teams

Student groups carefully selected for their vocal, instrumental or speech abilities, tour throughout the United States for several months each year represent-

ing BJU through unique presentations of sacred music and Christian drama.

University Nursing Association

The UNA is an organization of nursing students that exists to provide fellowship among nursing students of various academic classifications, to organize activities, to promote BJU 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.

Vintage Staff

The *Vintage*, “a season’s produce” by definition, is BJU’s yearbook. The staff, whose responsibility it is to produce this annual publication, is composed of students from varied academic divisions and classifications. Colorful, uniquely photographed and beautifully bound, the annual mirrors not only classes and activities but also the student body’s worthy goals and Christian philosophy of life.

Any full-time student who is registered for and remains through both the fall and the spring semesters in any regular school year will receive a copy of the *Vintage* without charge.

WBJU

WBJU–FM is BJU’s student–staffed campus radio station. The station broadcasts seven days a week to provide the student body with a variety of sacred, classical and easy-listening music; as well as informative news and sports talk programming. The station is mainly staffed by students who have an interest in broadcasting. They are responsible for producing, scheduling, announcing and marketing the station’s content. Residence hall students listen to WBJU on 104.5 FM or stream live at wbju.home.bju.edu.

WBJU–TV is the student-staffed television station. The station provides the campus with national, local and campus news plus sports highlights, weather and campus announcements throughout the day. The station provides students with opportunities to be anchors, reporters, producers and technical crew members on a variety of television programming produced in the Journalism and Mass Communication studios. Students watch WBJU–TV at the Snack Shop, Fine Arts Center, Fastbreak, Fitness Centers and residence hall viewing areas.

WBJU–Online is the station’s website that is available over the campus intranet. Students can access news, weather and sports. They can watch WBJU–TV video content or listen to WBJU.

Auxiliary Ministries/Services

Student Opportunities

Students develop their talents through participation in a wide variety of music and speech activities that are open to anyone at BJU, regardless of his major. The university stage productions, such as the Shakespearean plays, operas and fully staged Vesper programs presented several times during the school year, utilize the music and speech talents of hundreds of students. The University's film production unit, Unusual Films, often calls on the university student body for participation in the many aspects of motion picture production.

Bob Jones University is pleased to offer to its university family and friends the services listed here. For further information, visit our website at www.bju.edu, call the department at the extension listed following each description, or write to the following address. All departments are located on the campus of Bob Jones University, Greenville, South Carolina 29614, (864) 242-5100.

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. The Academic Resource Center offers the following services: Academic Coaching, Study Groups, Tutor Referral, Writing Center, Educational Technologies, Testing and Academic Accommodations.

Academic coaching assists students in strengthening specific academic skills in order to improve their academic achievement. Academic coaches are trained to help students in the areas of time management, study and test-taking skills, organization, note taking, goal setting, and knowledge of learning styles. With the support of an academic coach, students create an academic action plan which is implemented, reflected on, and revised throughout the semester.

Study groups provide a forum for students to work together to reinforce their understanding of specific course content. Each session provides opportunities for collaboration and extends learning beyond the classroom.

Tutor referral assists students who are seeking individualized tutoring sessions for specific college and pre-college courses. Tutors for hire include upper-classmen and graduate students, as well as faculty and staff (both current and retired).

The Writing Center provides one-on-one guidance to students who want to become more effective, confident and independent writers. Highly trained fellow writers consult on documents from all academ-

ic disciplines. Writing resources are also provided for individual use.

Educational Technologies supports students and faculty in the selection, design, production and use of instructional media and technology.

Testing provides a centralized, secure proctoring environment for test administration.

Academic Accommodations 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 Academic Accommodations Services, 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.

Bob Jones Academy

(Preschool-Grade 12)

BJA provides a learning environment for a community of like-minded students, all under a nurturing faculty who teach from a biblical worldview while demonstrating Christlike character. BJA challenges its students to succeed through high quality academics and personal excellence. BJA is known for its track record of strong student performance in academics, the arts, public speaking and community service. BJA's goal is to develop fully prepared and mature college-bound graduates who love God with all their heart.

Elementary Division

The Elementary Division is housed in four buildings: the Pennington Child Development Center, the Early Learning Center for ages 2-3, the Primary Center for grades K4-grade 1, and the main elementary building for grades 2-6. A nearby Fine Arts Center serves students in K4 through grade 6. Observation windows are provided for the benefit of university students majoring in education. Many university students work as tutors, aides and late-stay workers.

Secondary Division

The Secondary Division consists of a middle school for grades 7-8 and a high school for grades 9-12. In addition to daily instruction in mathematics, history, science and English, students are also taught foreign language, music, physical education and Bible. Middle School students are encouraged to audition for

the chorus, handbell choir, band or orchestra and may participate in after-school sports. Annual social events include outings and historical trips. The high school offers students the advantages of a college preparatory curriculum. Qualified juniors and seniors may enroll in university courses and earn credit both at the high school and college levels. Students may also take advantage of university facilities for classes and personal use. Students compete in interscholastic and intramural sports and may participate in the orchestra, one of two bands, and one of two choirs, handbell choir, National Forensics League, mock trial and outreach ministries. Most of the faculty hold masters degrees, and students have a reputation for scoring high on standardized tests.

Career Services Office

Career Services offers students seven distinct services, including 1) Assessment—Strong Interest Inventory, 2) Career Advising—career action plan, choosing a major and job searching, 3) Workshops on resume writing, interviewing and job-hunting tips, 4) Resume coaching, 5) On-campus interviewing and recruiting events—Career Fair, Health Science Career Fair, Christian School Recruitment Conference, and the BJU Job Fair. 6) CareerCentral online job board that aids students and alumni in network with employers, 7) Online and printed Career Guide including career advising and job searching information and resources. (ext. 2007)

Contests and Awards

Music, art and literary contests are held each spring. Medallions are awarded to contest winners in art, design, brass, composition, debate, 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 ministerial student; the Founder's Awards, presented to a young man and a young lady room 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; scholastic awards to the student with the highest academic average for the school year and to the graduating senior with the highest academic average.

Overseas Summer Study Tours

During four years of study at Bob Jones University, a student has the opportunity of participating in summer study tours. These tours, offered in successive summers, include the Reformation Tour, conducted

by Dr. David Fisher, the Early Church History Tour to Turkey, led by Dr. Gary Reimers; the International Business Tour of Europe; a Drama and Theater Tour of Greece, Italy and England and a Russian Art and Culture Tour, led by Drs. Bill and Janie McCauley; and a Bible Lands Tour, conducted by a member of the Bible faculty.

Students may receive up to three semester hours of credit for each of these tours that can be applied toward their graduation requirements.

Student Ministries

Students are available to help in churches and Christian organizations with children, youth, music and visitation. The church or organization should be within reasonable driving distance of the campus. Call the Office of Outreach Ministries (ext. 2851).

Student Work Program

A large number of students participate in the work program to help pay their school bills. A variety of jobs are available in many campus departments such as Public Safety, Bob Jones Academy and Facilities Management. Students not only earn extra money, but also gain valuable work experience, sometimes in an area related to their major. For additional information call Student Services (ext. 3060) or email Student_Services@bju.edu.

Alumni Association

Bob Jones University Alumni Association is composed of graduates, former students and friends of BJU united together in support of one another, the school 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 annual Turkey Bowl Run, a general reception for members and class reunions during Bible Conference, local membership gatherings, and special receptions for senior class members and local alumni in various professional fields.

Other benefits of membership include access to 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 social media and the official *BJU Magazine*.

For additional information contact the Alumni Association (864) 242-5100 ext. 3152 or email alumni@bju.edu.

BJU Press

BJU Press exists to support and extend the ministry of Bob Jones University and to be the premier provider of Christ-centered resources for education, edification and evangelism.

BJU Press exhibits Bob Jones University's commitment to quality Christian education in the materials it produces. These materials are produced by BJU faculty and staff members and are available to Christian educators around the world. **For information, call (800) 845-5731 or visit www.bjupress.com.**

BJU Press Products and Services

Materials for Christian Schools. BJU Press is a major publisher of educational materials for Christian schools, producing biblically sound, attractive and educationally effective student and teacher materials for all academic areas, Bible and many elective courses.

Materials for Homeschools. Those who have chosen home education look to BJU Press for materials and assistance. BJU Press personnel also give workshops for homeschool groups. For more information visit www.bjupresshomeschool.com.

JourneyForth Books. Since 1986 BJU Press has provided read-along books, novels, biographies of great Christians, Christian living titles, professional teaching books and Bible studies as well as books of general interest to Christians and for readers from preschool through adult.

Bob Jones University Press is the scholarly imprint that publishes commentaries and other works on biblical themes.

Distance Learning. BJU Press Distance Learning is available for grades K through 12 on hard drive, on DVD or online. **For information, call (800) 845-5731 or visit www.bjupressdistancelearning.com.**

The Academy of Home Education (AHE) is a service organization for homeschooling families. Services are available for grades 1 through 12 and include maintaining permanent student records, annual achievement testing, formal transcripts, a high school diploma validating a student's secondary studies, high school fine arts competitions, a junior class trip and commencement events. **For information call (800) 845-5731.**

BJU Press Testing & Evaluation offers home educators and private schools a variety of reliable and nationally recognized standardized assessments, abilities tests, test preparation and other resources. They service tests around the world and have a local test center available. Tests are scored onsite and available electronically within 10 business days.

The office provides access to nearly 30 years of professional experience from helpful staff, including members of the National Collegiate Testing Association (NCTA). From choosing the right assessment to

interpreting scores, Testing and Evaluation offers the full range of service. **For more information, call (800) 845-5731 or (864) 242-5100, ext. 3300.**

BJU Press offers the following customer support services:

Textbook Examinations are available on a 60-day, no-obligation textbook examination program for conventional schools.

Customer Support is readily accessible by calling (800) 845-5731 or emailing bjupinfo@bjupress.com. Customers may ask questions and offer comments on BJU Press materials and services.

BJU Press offers several support programs throughout the year:

Teach-the-Teacher brings teachers from selected schools to the Bob Jones University campus to discuss methods and materials with textbook authors, to observe classroom teachers using BJU Press materials and to see just what the Press and the University are really like. BJU Press provides the meals and lodging for this two-day stay. **Call (800) 845-5731, ext. 3291, or email bjupinfo@bjupress.com.**

Partnership Program is a means of providing all or partial tuition to the children of Christian school faculty who work in schools that are customers of BJU Press. **Please contact Mr. Kevin Kelp, (864) 242-5100, ext. 3037, for details of the program and how your school can qualify.**

Leadership Development Program is for administrators and teachers. Those who wish to take specific postgraduate work in the School of Education may qualify for tuition assistance if their schools are customers of BJU Press. **Contact Mr. Kevin Delp (864) 242-5100, ext. 3037, for details.**

Administrators Visits (V.I.P. Program) are by invitation to administrators from Christian schools to become acquainted with BJU Press philosophy and its academic structure. Participants tour BJU Press Publishing divisions and discuss curriculum materials with the Press marketing staff and writers. BJU Press provides the travel expenses, meals and lodging for this two-day program. **Call (800) 845-5731, ext. 3291, or email bjupinfo@bjupress.com.**

BJU Press offers the following education support resources:

Workshops and Demonstration Teaching for Christian Schools are available with specialists from BJU Press. **Email bjupinfo@bjupress.com for information.**

Center for Distance Learning

The Center for Distance Learning offers online university-level classes taught by the faculty of the University. These distance learning courses are designed for high school juniors and seniors as well as for university students who desire a flexible sched-

ule, who cannot attend class on campus or desire to further their education at a distance. As much as possible, the content of each course is identical to the same course offered in residence—only the method of study is different.

Online classes offer a balance of flexibility and accountability. They last six or eight weeks and include weekly assignment deadlines. They are primarily asynchronous, allowing the student to set his own schedule for listening to lectures and participating in online discussions. Online students can expect interaction with teachers as well as other students.

Institute of Biblical Education

IBE is a structured Bible study program designed for both individual and group study, available in printed, DVD or online formats. Each unit of material offers a user-friendly study guide and a leader's guide that makes IBE courses especially useful in church and missionary ministries such as Sunday schools, Bible institutes and discipleship programs.

The program is comprehensive covering every section of the Old and New Testaments and every major doctrine of Scripture. In addition to the spiritual benefit from studying God's Word, each participant will receive a certificate for each unit and the opportunity to pursue several other achievements.

For further information about our Center for Distance Learning programs, call our toll-free number (888) 253-9833, email distance@bju.edu, or write Center for Distance Learning, Bob Jones University, Greenville, SC 29614.

Outreach Ministries

Realizing the ever-increasing need to keep Christians informed on the issues of the day, Bob Jones University sends informed speakers and teams throughout the year to conduct seminars, evangelistic crusades, youth rallies, etc. Music and Drama Teams as well as various members of the faculty and staff travel throughout the United States ministering in churches and Christian schools. These ministries are available to those who are standing true to the Lord Jesus.

Community Service Council

Community Service Council is an organization made up of students who volunteer their time to various service projects in the community in order to demonstrate the love of Christ. The CSC has received local, state and national recognition for its contributions to the City of Greenville. **For additional information contact the Lead Coordinator of Student Organizations at (864) 242-5100, ext. 2157.**

Farm Fest

Every fall, Bob Jones University invites all interested 7th–12th graders for a day of good, old-fashioned

fun. Teenagers play for prizes at several game booths, hear inspirational music and listen to a youth evangelist preach God's Word. **For more information contact the Welcome Center at (864) 242-5100, ext. 4208, or email welcomecenter@bju.edu.**

Friendship Dinners

These gatherings of BJU alumni and friends take place in select cities once every two years. The host for the evening is the University's president, chancellor or an administrator. The meal is followed by a presentation of the Lord's ongoing work at BJU, a testimony from a current student or staff member, and the evening closes with a short challenge. These dinners serve to maintain contact with those burdened for BJU's ministry and provide an opportunity to meet new friends and future students. **For information on the schedule, contact Executive Events (864) 242-5100, ext. 4204, or email acrocket@bju.edu.**

Job Search Services

BJU welcomes inquiries from churches, schools and businesses seeking BJU graduates for prospective candidates for staff or administrative positions. Churches seeking prospective pastoral or pastoral staff candidates should contact the Ministerial Training and Office of Outreach Ministries (ext. 2851). **For prospective teachers, administrators or other employees, contact Career Services at (864) 242-5100, ext. 2007, or email careers@bju.edu.**

Ministry Teams

Music, drama, and science and technology teams travel throughout the United States. The music and drama teams minister in churches and Christian schools. The science and technology team offers robotics workshops to Christian school junior high and senior high school students. **Call Admission at (864) 242-5100, ext. 4245, or email chall@bju.edu.**

Pastors Visits

Several times each year BJU flies pastors to campus who have not visited the campus before. They experience a day of campus life at BJU, spending time with administrators, executives, department heads and students. **Contact Executive Events, (864) 242-5100, ext. 1141, or email croberts@bju.edu.**

Pulpit Supply and Interim Pastors

Faculty and staff members are available to teach and preach in churches within weekend driving distance. **Call the Office of Outreach Ministries (864) 242-5100, ext. 2851.**

Speakers' Bureau

Over 500 workshops done by more than 60 faculty and staff members are available to be given at educators' conventions or school in-service programs. The

topics are designated by early childhood, kindergarten, elementary, junior high, administrative or office personnel sessions. Listings of workshops and speakers are available at www.bju.edu/communities/ministries-schools. **Please contact the Speakers Bureau at speakersbureau@bju.edu, to schedule a workshop or speaker.**

Student Ministries

Students are available to help in fundamental churches and Christian organizations with children, youth, music and visitation. The church or organization should be within reasonable driving distance of the campus. **Call the Office of Outreach Ministries at (864) 242-5100, ext. 2851.**

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. **For more information contact Admission at (800) 252-6363.**

Summer Educational Opportunities

BJU has a comprehensive summer school program for those who want to earn college credits in the summer and/or those in certain specialized fields who desire to be stimulated with a fresh approach to their area of interest. Included are three four-week summer sessions for undergraduate and graduate programs; a missionary linguistics program; graduate work for pastors, Bible teachers, church musicians and Christian workers; graduate education; and the master and doctor of ministry programs. **Write the Director of Admission, call (800) 252-6363, or email admissions@bju.edu.**

University Representatives

BJU representatives are available year-round to preach in church services, homeschool support groups or school chapels and to hold teen rallies, present BJU or provide numerous other services. **Contact Admission at (864) 242-5100, ext. 4214, or email admission@bju.edu.**

Seminars & On-Campus Events

Bible Conference

Recognized as America's leading Bible conference for fundamental Christians, this six-day spring event draws distinguished guest speakers and thousands of visitors from every section of America. **Call the Welcome Center at (864) 242-5100, ext. 4208, or email welcomecenter@bju.edu.**

Campus Visits

A visit to Bob Jones University will give any person a good overview of BJU and campus life. The best

times for prospective students to visit are during our annual Bible Conference and Opportunity Days. Of course, campus visits are welcome throughout the year and BJU is pleased to provide residence hall accommodations for prospective students in the ninth grade and above, former students, parents of presently enrolled students and sponsors accompanying young people who stay in the residence hall. **For more information concerning residence hall guest reservations, call the Welcome Center at (864) 242-5100, ext. 4208, or email welcomecenter@bju.edu.**

Career Fair

The Career Services office hosts this annual event each spring. Around 50 companies set up displays in the Riley Reception Room to meet with prospective employees. Students can visit with representatives to set up job interviews or to get advice that will help them decide which career path to follow.

Christian School Recruitment Conference

Each February nearly 100 principals from Christian schools all over the world attend this two-day conference to recruit BJU students for various jobs in the field of Christian education. Both seniors and underclassmen have the opportunity to meet individually with principals and pastors. The conference is hosted by the Career Services office and the School of Education.

Christmas Carol Sing and Lighting Ceremony

Thousands of students, friends, faculty and visitors gather around the front campus fountains for the annual lighting ceremony each December. The evening includes carols led by a university choir director and a devotional, and it culminates in the illumination of nearly 200,000 Christmas lights.

High School Festival

The festival held each fall allows high school students to fellowship and compete in music, speech and art contests with Christian young people from all over the country. They benefit from both the Christian atmosphere of BJU and the special clinics and workshops conducted by faculty members.

Call the Welcome Center at (864) 242-5100, ext. 4208, or email welcomecenter@bju.edu.

High School Preaching Conference

Young men in grades 9–12 are welcome to participate in the preaching conference each fall. It is held in conjunction with the High School Festival.

Call the Welcome Center at (864) 242-5100, ext. 4208 or email welcomecenter@bju.edu.

Invitational Basketball Tournament

BJU annually holds an invitational basketball tournament for Christian high school teams. The tournament is held in January.

Call the Welcome Center at (864) 242-5100, ext. 4209, or email welcomecener@bju.edu.

Living Gallery: *An Easter Celebration*

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. **For ticket information, contact Programs & Productions at (864) 770-1372**

Missions Emphasis Week

The Office of Missions hosts our annual Missions Emphasis Week each fall. Numerous mission organizations set up displays in the Riley Reception Room to meet with students. Throughout the week, many of the missionary representatives are featured speakers in various classes, and our student Mission Prayer Band. **Call the Director of Missions at (864) 242-5100, ext. 8044.**

Opportunity Days

Prospective students are welcome on campus at any time, but Opportunity Days is held especially for them twice a year. **Call the Welcome Center at (864) 242-5100, ext. 4213, or email welcomecenter@bju.edu.**

Prospective Student Trips

Each semester BJU schedules motor coach trips to the campus from major population centers so that prospective students can see Bob Jones University for themselves. During the two-day visit, teens attend classes, chapel, society meetings and athletic games. Plane trips are scheduled to depart from cities outside the range of coach travel.

Please contact the Welcome Center at (864) 242-5100, ext. 4208, or email welcomecenter@bju.edu.

SMART Program

SMART (Sharing Masterworks of Art) is an educational outreach program designed to enhance 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. The program serves secondary students in the community by hosting them for the last dress rehearsal of each Shakespearean play presented on campus. **For more information contact Programs & Productions at (864) 770-1372.**

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 mental disabilities in this international athletic program. Since 1990 BJU has hosted and sponsored Washington Center Challenge Day, a developmental event for the students with

severe/multiple disabilities from Greenville County's School District's Washington Center. The School of Education in collaboration with the Greenville County Recreation Department and other local businesses coordinates and supports this event.

Summer Camps

Each summer children and teens in grades 4–12 participate in summer camps featuring art, basketball, music, soccer, drama, volleyball and more. **For a camp brochure call the Welcome Center at (864) 242-5100, ext. 4208, or email welcomecenter@bju.edu.**

Summer Ministry Conference

Each fall BJU hosts a Summer Ministry Conference. Over 30 Christian camps and other children's and youth evangelistic organizations recruit summer workers from our student body. These organizations spend several days promoting summer ministry opportunities while interacting with students at their display booths in the Riley Reception Room. The conference is hosted by the Office of Outreach Ministries.

Campus Services

Academy

With a warm spiritual atmosphere, excellent cultural advantages, ample opportunities for social enrichment and the highest academic standards, Bob Jones Academy offers vital training to young people in grades K4–12. **Call the respective divisions (864) 770-1395 (Elementary—ext. 6200; Middle School—ext. 6300; High School—ext. 6400 or [800] 242-6363.**

Campus Store

The BJU Campus Store is your primary resource for textbooks. They also offer a large selection of Bibles, Christian books, secular and Christian music, and educational materials you can trust, as well as BJU and Bruins memorabilia, school supplies, software, laundry products, and health and beauty aids. Visa, MasterCard, Discover and American Express credit cards as well as checks and money orders are accepted. **Call (864) 770-1380, or (800) 252-1927, email store@bju.edu, or visit www.BJUCampusStore.com.**

Career Services

Career Services provides career advising and job search services to the students and alumni. Students who are unsure of their career path can benefit from career testing and counseling. Office personnel coach students in résumé writing, interviewing skills and job search techniques. The staff manages Career Central, BJU's Web-based placement service. **The Career Services office is the liaison between students and recruiters at (864) 242-5100, ext. 2007, or email careers@bju.edu.**

Concert, Opera & Drama Series

Some of the highlights of each school year are the Artist Series programs, featuring renowned guest artists as well as BJU talents. **For information on season subscriptions or tickets for individual performances, call Programs and Productions at (864) 770-1372.**

Fundamentalism File

The Fundamentalism File provides information on religious topics or secular topics with a religious perspective. **Call (864) 242-5100, ext. 6020, or email ffile@bju.edu for assistance.** There is a charge for photocopying, in addition to postage and handling.

Mack Memorial Library

The staff of the campus library will do general reference work to help in researching sermons and documenting information for articles to be written **(864) 242-5100, ext. 6015.** Also, the Fundamentalism File makes information available about items of religious interest, apostate denominations and the history of Fundamentalism. **Call (864) 242-5100, ext. 6020.**

Museum & Gallery

The Museum & Gallery collection is respected worldwide for its European Old Master paintings from the 14th through the early 19th centuries, Russian icons, antiquities from the Holy Lands, sculpture and period furniture. A modest admission fee is charged: adults \$5, seniors (60+) \$4, students \$3; children aged twelve and under enter free. Current BJU faculty, staff and students may enter either location at no charge with a BJU ID card. **Educational and cultural events are offered monthly; for more information visit www.bjung.org or call (864) 242-5100, ext. 1053.** M&G is a valuable visual library for students, educators, art lovers and museum professionals to utilize as well as a museum of quality and beauty intended to delight the senses.

Office of Student Services

The Office of Student Services, located in the Office Annex, assists students with employment and off-campus housing. Those in the Student Work Program are assisted in locating on-campus employment and others can check the help wanted listings on the BJU intranet for information about off-campus jobs. The Office maintains a file on housing in the Greenville area for use by both students and graduates. In addition, students needing shuttle service to the Greenville-Spartanburg Airport at Thanksgiving break or at the end of a semester may check the BJU intranet for sign up instructions.

Publications

BJU Press

BJU's commitment to quality Christian education is exhibited in the textbooks written by its faculty and staff members and published by BJU Press. **A catalog is available from BJU Press. Call (800) 845-5731 or email bjupinfo@bjupress.com.**

A number of online publications of interest to Christian school administrators, teachers, and homeschool parents are available at www.bjupress.com/enews.

BJU Magazine

This free quarterly publication communicates what God is doing at BJU and in the lives of BJU students, faculty, staff and alumni. **To subscribe, call Constituent Services at (864) 242-5100, ext. 3075, or email constituent@bju.edu.**

The Collegian

Keep up with campus personalities, BJU news and student life by reading the weekly online student newspaper of Bob Jones University at www.bju.edu.

Personnel 2012-13

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William E. Apelian, BS, *Chief Publication Officer*
Marvin P. Ream, BA, *Chief Information Officer*
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Bob Wood, DD, *Executive Vice President Emeritus*

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Renae Wentworth, EdD, *Dean of the College of Arts and Science*

Royce B. Short, PhD, *Dean of the School of Religion*

Stephen J. Hankins, PhD, *Dean of the Seminary & Graduate School of Religion*

M. Bruce McAllister, DMin, *Director of Ministerial Training and Outreach*

Darren P. Lawson, PhD, *Dean of the School of Fine Arts and Communication*

Dwight L. Gustafson, DMus, LLD, *Dean Emeritus of the School of Fine Arts and Communication*

Brian A. Carruthers, EdD, *Dean of the School of Education*

Michael R. Buiters, MBA, *Dean of the School of Business*

N. Daniel Smith, EdD, *Director of Educational Services & Registrar*

Jeffrey D. Heath, EdD, *Director of Enrollment Planning*

Jonathan Gary Daulton, MDiv, *Dean of Men*

Deneen Lawson, BAPCT, *Dean of Women*

Faculty

Date list indicates beginning year as University faculty

- Douglas Carl Abrams, (1974) History**
BA, Bob Jones University; MA, North Carolina State University; PhD, University of Maryland; Additional graduate work, Sorbonne, Paris, France
- Linda Perry Abrams, (1981) History**
BA, Berry College; MA; University of Maryland
- Pamela Anne Adams, (2010) Art and Design**
BS, University of North Carolina at Greensboro; MS, Clemson University
- Donna Nelson Andersen, (1980) Education**
BS, Bob Jones University; MEd, University of South Carolina
- Ward William Andersen, (1968) Bible**
BA, Bob Jones University; MA, Bob Jones University; PhD, Bob Jones University
- Jonathan Britton Andrews, (2002) Art and Design**
BA, Bob Jones University; MA, Bob Jones University
- Ramona Craner Anest, (1985) Nursing and Health Science**
BS, Bob Jones University; MSN, University of North Carolina at Chapel Hill; RNC, TNP, CNE,
- E. Marianne Jacobsen Appleman, (1972) Resource Center**
BA, Bob Jones University; MA, Bob Jones University
- Catherine Jeanine Aumiller, (1998) Communication**
BA, Bob Jones University; MA, Bob Jones University
- C. Joy Baggerly, (2003), Resource Center**
BA, Southern Nazarene University; BS, Faith Baptist Bible College; MEd, Bob Jones University
- Brenda S. Ball, (1988) Education**
BS, Bob Jones University; MEd, Bob Jones University; EdD, Bob Jones University; Additional graduate work, Marshall University, Ohio University
- Carol J. Barlet, (1995) Business and Trades**
State Beauty School
- Amanda Kimbro Barrett, (1982) Music**
BS, Bob Jones University; MA, Bob Jones University; student of Constance G. Lane and Tadeu Coelho
- Robert D. Bell, (1968) Seminary**
BA, Bob Jones University; MA, Bob Jones University; PhD, Bob Jones University; Additional graduate work, Chicago Graduate School of Theology, Regent College
- Hannah Ruth Benge (2007) Communication**
BA, Bob Jones University; MSR, Medical University of South Carolina
- James Arland Berg, (1979) Seminary**
BA, Bob Jones University; MA, Bob Jones University, DD, Tabernacle Baptist Theological Seminary
- Patricia Zeller Berg, (1973) Practical Studies**
BA, Bob Jones University; MS, Bob Jones University
- Eileen Michele Berry, (1998) Professional Writing and Publication**
BA, Bob Jones University; MA, Bob Jones University
- Verne Lee Biddle, (1989) Chemistry**
BS, Bob Jones University; PhD, University of Tennessee at Knoxville
- Carolyn Spears Biondo, (1995) Business and Trades**
Farah's Beauty School, Trident Technical College
- Jay Morgan Bopp, (1995) Art and Design**
BA, Bob Jones University; MA, Bob Jones University; MFA, Savannah College of Art and Design
- David Watts Boyd Jr., (2007) Biology**
BS, Bob Jones University; MS, Clemson University; PhD, Clemson University
- Vickie Cathrell Britton, (2004) Physical Education and Exercise Science**
BS, Bob Jones University; MA, Furman University
- David Dean Brown, (1984) Mathematics**
BS, Bob Jones University; MS, Clemson University; PhD, Clemson University
- Laura Cook Brundage, (2007) Music**
BMus, Bob Jones University; MMus, Bob Jones University
- Jeffery Alan Bryson, (2008) Accounting**
BS, Bob Jones University; MBA, Clemson University
- Stephen Everett Buckley, (1994) Education**
BS, Bob Jones University; MSE, University of Southern California; EdS, George Peabody College; PhD, Iowa State University
- Michael R. Buitter, (1999) Accounting**
BS, Bob Jones University; MBA, Duke University
- Charlotte Gibbs Burke, (1979) Communication**
BS, Bob Jones University; MA, Bob Jones University; PhD, Southern Illinois University at Carbondale
- William Lee Burkholder, (2009) Management**
BA, Bob Jones University; MBA, Olivet Nazarene University
- Bruce A. Byers, (1972) Modern Language**
BS, Indiana University of Pennsylvania; MA, Middlebury College; PhD, Indiana University
- Heidi Blossom Campbell, (2001) Communication**
BS, Bob Jones University; MS, Bob Jones University; PhD, University of South Carolina
- Christopher K. Carmichael, (2012) Biology**
BS Eastern Illinois University; MS Central Michigan University; PhD University of Southern Mississippi. Additional graduate work, Michigan State University; University of southern Mississippi
- Alan Joseph Carper, (2007) Management**
BS, Bob Jones University; MBA, Queens University
- Jonna Touchton Carper, (1983) Resource Center**
BS, Bob Jones University; MLS, University of South Carolina; MA, Virginia Tech
- Stephanie Blanton Carroll, (2008) Nursing and Health Science**
BSN, Bob Jones University; MSN, Clemson University
- Brian Alan Carruthers, (2004) Education**
BS, Bob Jones University; MS, Bob Jones University; EdD, Nova Southeastern University
- Kenneth Glen Casillas, (2001) Seminary**
BA, Bob Jones University; MA, Bob Jones University; PhD, Bob Jones University
- Robert Davis Chest, (1979) Music**
BS, Bob Jones University; MA, Bob Jones University
- Marc Anthony Chetta, (2011) Biology**
BS, Louisiana State University; MD, Louisiana State University
- Rebecca Greer Clements, (2007) Communication**
BS, Bob Jones University; MA, Bob Jones University
- Fred Rowel Coleman, (1988) Music**
BS, Ball State University; MA, Bob Jones University; Additional study, VanderCook School of Music, Westminster Choir College, Renee Clausen Choral School, Robert Shaw Choral Institute, student of Rolf Legbandt
- Ruth Nelson Coleman, (1988) Music**
BA, Bob Jones University; MA, Bob Jones University
- Constance Cox Collins, (1979) Education**
BS, Bob Jones University; MEd, University of South Carolina
- A. Jean Flaughner Cook, (1978) Music**
BA, Bob Jones University; MA, Bob Jones University
- Anne Bailey Cook, (2002) Music**
BMus, Bob Jones University; MMus, Bob Jones University

- Brenton Hunter Cook, (2006) Bible**
BA, Bob Jones University; MA, Bob Jones University; PhD, Bob Jones University
- Warren Edward Cook, (1984) Music**
BS, Bob Jones University; MA, Bob Jones University; DMA, University of South Carolina; Additional study, Westminster Choir College
- Steven Jay Coon, (2003) Management**
BS, Metropolitan State College; JD, University of Colorado School of Law
- Bruce Bradford Cox, (1993) Music**
BS, Bob Jones University; MS, University of Illinois; Arizona State University; DMA, University of Southern Mississippi; Additional studies, Westminster Conducting Institute; student of Michael Tunnell, Allan Cox, and Larry Nagel; additional lessons with Ruth Still, Ray Sasaki and Robert Nagel
- Donna Louise Crawford, (1996) Music**
BA, Heritage Baptist University; MA, Pensacola Christian College; MMus, Bob Jones University; Additional graduate work at University of Akron
- Nathan Gerrit Crockett, (2008) Bible**
BA, Bob Jones University; MA, Bob Jones University
- Andrew Scott Cropsey, (2004) Accounting**
BA, Bob Jones University; MA, Bob Jones University; MBA, Bob Jones University CPA
- Steven Francis Cruice, (2006) Psychology**
BS, Pennsylvania State University; MDiv; Calvary Baptist Theological Seminary; DMin, Calvary Baptist Theological Seminary
- Seth A. Custer, (2009) Music**
BMus, University of North Dakota; MMus, Central Michigan University; PhD, University of Iowa
- Kimberly L. Daulton, (1994) Resource Center**
BS, Bob Jones University; MS, Bob Jones University
- Terry M. Davenport, (1976) Communication**
BA, Grace College; MA, Bob Jones University
- Peter Lowell Davis, (1987) Music**
BA, Bob Jones University; MMus, Bob Jones University; MA, Bob Jones University; PhD, University of Oklahoma; student of Jerie Gail Ramsey, George Katz, Laurence Morton and Jane Magrath
- Alfredo David Deambrosi, (2003) English**
BA, Bob Jones University; MA, Bob Jones University; MEd, Bob Jones University; EdD, Bob Jones University
- Pamela Sowers Dunbar, (1982) Music**
BS, Bob Jones University; MMus, Bob Jones University; Additional study, Westminster Choir College, student of Jane Rolandi
- Paul Edward Dunbar, (1978) Music**
BMus, Henderson State University; MMus, Louisiana State University; DMA, Louisiana State University; student of Robert Ellis, Richard Heschke, and Herndon Spillman
- Jacqueline Darlington Eaves, (1971) Modern Language**
BA, Bob Jones University; MA, Eastern Michigan University; Additional graduate work at Clemson University
- Roger W. Eaves, (1974) Bible**
BA, Bob Jones University; MA, Bob Jones University
- David Alan Eoute Jr., (2010) Communication**
BA, Bob Jones University; MA, Bob Jones University; MSP, University of South Carolina PhD, University of South Carolina
- Gloria Walters Eoute, (1995) Nursing and Health Science**
BS, Bob Jones University; MSN, Gardner-Webb University
- Mary Elizabeth Eubank, (2001) Music**
BME, Shenandoah Conservatory of Music; MEd, Bob Jones University; DMA, University of Georgia
- Amber Lynn Eubanks, (2008) Music**
BS, Bob Jones University; MMus, Bob Jones University
- Alexander Poe Fields III, (1970) Music**
BS, Bob Jones University; MFA, University of Georgia; Additional graduate work University of Iowa; Louisiana State University; student of Himie Voxman, Paul Dirks-Meyer, Betty Mather, Ronald Waln, Thomas Ayers and Ted Jahn
- Kristin Helen Figard, (2011) Music**
BMus, Northwestern University; MMus, Northwestern University
- David Albert Fisher, (1976) History**
BS, Bob Jones University; MA, Bob Jones University; PhD, Bob Jones University
- Karen Louise Flora, (1992) Art and Design**
BS, Bob Jones University; MA, Bob Jones University; MS, Eastern Michigan University
- Mark Alan Frederick, (2001) Music**
BS, Bob Jones University; MEd, Bob Jones University; MM, University of Colorado, student of Louis Stout and David Pinkow
- Julie McDowell Gainous, (1988) English**
BS, Tennessee Temple University; MEd, Bob Jones University
- Rhonda Scott Galloway, (1981–2000, 2001) English**
BS, Bob Jones University; MS, Bob Jones University, MEd, Bob Jones University; EdD, Bob Jones University
- Kathryn Boole Gamet, (2009) Communication**
BS, Bob Jones University; MS, Bob Jones University
- Melissa Kristine Gardenghi, (2004) Mathematics**
BS, Bob Jones University; MEd, Bob Jones University; MS, Clemson University; PhD, Clemson University
- Cynthia Slack Melius Garland, (1998) Practical Studies**
BA, Bob Jones University; MS, Bob Jones University
- Herbert Douglas Garland, (1999) Business and Trades**
BA, Bob Jones University; MA, Bob Jones University, EdD, Bob Jones University
- Derrick M. Glasco (2011) Biology**
BS, Missouri Southern State University; PhD, University of Missouri
- Michael Eugene Gonzales, (2002) Business and Trades**
BS, Bob Jones University
- Corretta Johnson Grass, (1967) Communication**
BA, Bob Jones University; MA, Bob Jones University; Additional graduate work at University of Bridgeport
- William Michael Gray, (1981), Biology**
BS, Bob Jones University; MS, Clemson University; PhD, Clemson University
- Jean Reese Greer, (1989) Music**
BMus, Simpson College; MMus, Indiana University; student of Janice Roché Hansen, Robert Larsen, Margaret Harshaw, Kammersangerin Gladys Kuchta, and Elizabeth Mannion
- Thomas Forrest Grimble, (1992) Music**
BA, Indiana State University; MMus, Bob Jones University
- Rebecca Tabler Grove, (1994) Music**
BS, Bob Jones University; MEd, Bob Jones University
- Gary Lee Guthrie, (1966) Mathematics**
BS, Eastern Illinois University; MA, Eastern Illinois University; PhD, Clemson University; Additional coursework, Pennsylvania State University
- Glenda Kaye Guthrie, (1966) English**
BS, Eastern Illinois University; Additional coursework, Bob Jones University
- Christa Gingery Habegger, (1979) Music**
BA, Bob Jones University; MA, Bob Jones University
- Jane Biederman Haertlein, (1995) Nursing and Health Science**
BSN, Bob Jones University; MSN, Clemson University
- Tammy Spain Haislip, (2006) Education**
BS, Texas A&M University; MS, Texas A&M University; EdD, Bob Jones University
- Laurie-Lynn Davis Hall, (2010) Art and Design**
BA, Bob Jones University; additional graduate work at Academy of Art University

- Brian Richard Hand, (2004) *Seminary***
BA, Bob Jones University; MA, Bob Jones University; PhD,
Bob Jones University
- Stephen Jay Hankins, (1977) *Seminary***
BA, Bob Jones University; MA, Bob Jones University; PhD,
Bob Jones University
- Suelane Yvonne Hannah, (1999) *Nursing and Health Science***
BSN, Madonna University; MSN, Clemson University; Additional
graduate work at Bob Jones University,
- Brenda Holte Hansen, (1999) *Modern Language***
BS, Bob Jones University; MA, University of South Carolina
- Robert Allen Hansen Jr., (2002) *Culinary Arts***
BS, Bob Jones University
- Grace Collins Hargis, (1961) *English***
BA, Bob Jones University; MA, University of North Carolina; PhD,
Indiana University; Additional graduate work at University of
Washington
- Julie Nicolazzo Hartman, (2002) *Education***
BS, Bob Jones University; MA, Furman University; PhD,
Clemson University; Additional graduate work at Converse College
- John C. Hawkins, (2012) *Engineering***
BME Kettering University; MSE University of Michigan
- Linda Kay Hayner, (1971) *History***
BA, Western Michigan University; MA, Western Michigan
University; PhD, Vanderbilt University; Additional graduate work
at University of Wales at Cardiff; St. Annes College at Oxford;
Bob Jones University
- Donnalynn Hess, (1992) *Education***
BS, Bob Jones University; MA, Bob Jones University; MEd,
Bob Jones University
- Robert Lynn Hill, (2010) *Physics and Engineering***
BS, Christian Heritage College; MS, Ball State University; EdD,
Ball State University
- Patricia Louise Holcomb, (2002) *Social Sciences***
BS, University of Delaware; MS, University of Massachusetts
- Randy Alan Holley, (2011) *Management***
BS, Liberty University; MA, George Mason University; JD,
Liberty University
- Ronald A. Horton, (1960) *English***
BA, Bob Jones University; MA, University of California at Los
Angeles; PhD, University of North Carolina at Chapel Hill;
Additional graduate work at University of Oxford
- Samuel Robert Hucks, (2007) *Management***
BS, Bob Jones University; MBA, Bob Jones University
- Von Alan Hughes, (2009) *Computer Science***
BIET, Southern Polytechnic State University; MS, Columbus State
University
- Deborah Karasek Hutcheon, (2008) *Nutrition and Health Science***
BS, Bob Jones University; MS, Eastern Michigan University; PBC,
RD, LD
- Erin Leigh Hutton, (2006) *Management***
BS, Bob Jones University; MS, Walsh College; MBA Walsh College;
MA Walsh College; DM, Walsh College; Additional graduate work
at Capella University; Shenandoah University; Vilanova University
- Kevin Leonard Isgett, (2002) *Art and Design***
BS, Bob Jones University; MA, Bob Jones University; Additional
graduate work from Academy of Art University of San Francisco
- Donald Lee Jacobs Jr., (1980) *Teacher Education***
BS, Bob Jones University; MS, Bob Jones University; EdD,
Bob Jones University
- Tamila Thorsell Jacobs, (2005) *Education***
BS, Bob Jones University; MEd, Bob Jones University; EdD,
Bob Jones University
- John Randolph Jaeggli, (1991) *Seminary***
BS, Syracuse University; MDiv, Bob Jones University; PhD,
Bob Jones University
- Paul Richard Jantz, (1976) *Music***
BS, Bob Jones University; MA, Bob Jones University; Additional
graduate work at Boston University; student of Ronald Barron
- Sonia Leigh Johnson, (2002) *Education***
BS, Bob Jones University; MEd, Bob Jones University; EdD,
University of Memphis
- Nancy Greensmith Jones, (2004) *Nursing and Health Science***
BSN, Bob Jones University; MSN, Gardner-Webb University
- Veda Darlene Jury, (1969) *Physical Education and Exercise Science***
BS, Bob Jones University; MS, West Chester State College;
Additional graduate work at Furman University
- Rebecca Kaser, (2010) *Communication***
BA, Bob Jones University; MA, Bob Jones University
- *M. Amos Kasperek, (2007) *Modern Language***
BS, Bob Jones University
- Steven Judson Kauffman, (2010) *Management***
BS, Bob Jones University; MBA, Bob Jones University
- Carolyn Jean Kerns, (1999) *Nursing and Health Science***
BSN, Bob Jones University; MSN, Clemson University; RN, FNP
- Gregory Mark Kielmeyer, (1994–2008, 2010) *Communication***
BA, Bob Jones University; MA, Bob Jones University; PhD,
University of Illinois, Urbana-Champaign
- Susan Carol Kindall, (1998) *Music***
BMus, Bob Jones University; MMus, Bob Jones University; DMA,
University of Oklahoma
- Daniel Lee Kirsop, (1981) *Music***
BS, Bob Jones University; MA, Bob Jones University
- James Anthony Knisely, (1992) *Mathematics***
BS, Bob Jones University; MS, Clemson University; PhD,
Clemson University
- Kathy Dell Kohler, (2006) *Mathematics***
BS, Bob Jones University; MEd, Bob Jones University
- Mary Margaret Kraus, (1983) *English***
BA, Viterbo College; MA, University of Notre Dame; PhD,
University of Notre Dame; Additional graduate work at University
of Wisconsin-Stevens Point
- Aida Maria Gil Kuhlewind, (2007) *Modern Language***
BA, Calvary Baptist Bible College; MS, Bob Jones University
- Wade Loring Kuhlewind Sr., (2008) *Seminary***
BA, Bob Jones University; MA, Bob Jones University; DPasTh,
Bob Jones University
- Thomas George Lamb, (2003) *Biology***
BS, Bob Jones University; MS, University of West Florida; PhD,
Clemson University
- Rachel Carol Larson, (1965) *History***
BA, Concordia College; MA, Bob Jones University; MEd,
Clemson University; PhD, Emory University; Additional graduate
work at Columbia University; University of South Carolina;
University of Oklahoma; University of North Carolina at
Charlotte, Emmanuel College; Boston University; Folger-
Shakespeare Institute
- Donna Flower Lawrence, (1993) *Computer Science***
BS, Bob Jones University; MEd, Bob Jones University
- Darren Patrick Lawson, (1988) *Communication***
BA, Bob Jones University; MA, Bob Jones University; PhD,
University of Kansas
- Ying Xue Leach, (2004) *Modern Language***
BA, Jinzhou Teacher's College; MA, Dalian Maritime University;
MEd, Bob Jones University
- Robert Eugene Lee (2011) *Chemistry***
BS, University of Tennessee at Chattanooga; PhD, Purdue University
- *Ryu-Kyung Christine Lee, (1995) *Music***
BMus, Bob Jones University; MMus, University of Cincinnati;
Additional graduate work at College Conservatory of Music
- Randy Alan Leedy, (1994) *Seminary***
BA, Bob Jones University; MA, Bob Jones University; PhD,
Bob Jones University
- David Curtis Lehman, (1978) *Music***
BA, Bob Jones University; MMus, Boston University; student of
Anthony di Bonaventura and Bela Boszormenyi-Nagy

- Robert Dale Loach, (1984)** *Modern Language*
BA, Bob Jones University; MA, Eastern Michigan University
- Faye Springer López, (2002)** *Music*
BA, Bob Jones University; MA, Bob Jones University
- William Palmer Lovegrove, (1988)** *Physics and Engineering*
BS, Bob Jones University; MS, Clemson University; PhD, Clemson University
- Brenda H. Ludwig, (1994)** *Nursing and Health Science*
BSN, University of Massachusetts; MS, University of Massachusetts; EdD, Bob Jones University; FNP-BC
- David Joseph Lurtey, (1987)** *Communication*
BS, Bob Jones University; MA, Bob Jones University
- Shawn Arnold MacDonald (2005)** *Communication*
BS, Bob Jones University; MA, Bob Jones University
- Chris Hanes Martin, (1986)** *English*
BA, Bob Jones University; MEd, Bob Jones University; MA, Virginia Polytechnic Institute and State University; PhD, University of Georgia
- Kris Rowland Martin, (1986)** *Accounting*
BS, Bob Jones University; PhD, Virginia Polytechnic Institute and State University; CPA
- Celia Martinez, (2011)** *Nursing*
BSN, University of South Carolina
- L. Diane Babb Mattox, (1972)** *Art and Design*
BS, Bob Jones University; MAT, Winthrop University
- George Thomas Matzko, (1979)** *Natural Science*
BS, Bob Jones University; PhD, Clemson University
- John Austin Matzko, (1972)** *Social Science*
BA, Bob Jones University; MA, University of Cincinnati; PhD University of Virginia
- Gregory Joseph Mazak, (1986)** *Psychology*
BS, Ohio State University; MEd, Clemson University; MDiv, Bob Jones University; PhD, Bob Jones University
- M. Bruce McAllister, (1983)** *Church Administration*
BA, Bob Jones University; MA, Bob Jones University; MDiv, Bob Jones University; DMin, Bob Jones University
- Janie Caves McCauley, (1968)** *Communication*
BA, Tennessee Temple University; MA, Clemson University; PhD, Miami University; Additional graduate work at Princeton University
- William Erwin McCauley, (1969)** *Music*
BS, Bob Jones University; MFA, Bob Jones University; MA, Bob Jones University; DMA College-Conservatory of Music of the University of Cincinnati; Additional graduate work at New York University; Princeton University; student of Hubert Kockritz, Italo Tajo, Robert K. Evans, Martin Chusid, and Harold S. Powers
- Jesse T. McCormick (2012)** *Physical Education & Exercise Science*
BS Bob Jones University; MS, California University of Pennsylvania
- Patrick David McGary, (2008)** *Physics and Engineering*
BS, Bob Jones University; MS, University of Minnesota; PhD, University of Minnesota
- Kerry Todd McGonigal, (2003)** *Bible*
BS, Bob Jones University; MDiv, Bob Jones University; Additional graduate work at Bob Jones University
- Cynthia Ann McGuire, (1998)** *Nursing and Health Science*
BSN, Bob Jones University; MSN, Clemson University; MS, Bob Jones University; Additional graduate work at Bob Jones University
- Larry Wayne McKeithan, (2006)** *Criminal Justice*
BS, Bob Jones University; MS, Tiffin University
- Heather Eaves McNeely, (2003)** *Music*
BMus, Bob Jones University; MMus, Converse College; Additional graduate work at Bob Jones University; Boston University
- Ronald Brenton McNeely, (1998)** *English*
BA, Bob Jones University; MA, Clemson University; PhD, University of South Carolina
- Ruth Evelyn Meed, (2009)** *Education*
BA, Washington Bible College; MAT, Bob Jones University
- Ryan Patrick Meers, (2010)** *Communication*
BS, Bob Jones University; MEd, University of Nebraska–Lincoln; PhD, University of Nebraska - Lincoln; Additional graduate studies at Northland International University
- David Bruce Mellor, (2002)** *Management*
BS, Rose-Hulman Institute of Technology; MBA, Kent State University; MDiv, Calvary Baptist Theological Seminary; Additional graduate work at Bob Jones University; CE
- William Eugene Merkle, (1978)** *Management*
BS, Illinois State University; MBA, Ball State University
- Lisa Frances Micaldf, (2010)** *Education, Academic Resource Center*
BS, Bob Jones University; MAT, Saginaw Valley State University; PhD Oakland University
- Anthony Wayne Miller, (2007)** *Physical Education and Exercise Science*
BS, Bob Jones University; MEd, Bob Jones University; Additional graduate work at United States Sports Academy
- David Wayne Miller (2011)** *Culinary Arts*
BA, Bob Jones University
- Karis A. Clark Miller, (1995)** *Communication*
BS, Bob Jones University; MA, Central Michigan University
- Russell Edmund Miller Jr., (2001)** *Bible*
BA, Bob Jones University; MA, Bob Jones University; PhD, Bob Jones University
- Rebekah Nichols Mininger, (2005)** *Communication*
BS, Bob Jones University; MA, Bob Jones University; Additional graduate work at Academy of Art University
- Mark Alan Minnick, (1980)** *Seminary*
BA, Bob Jones University; MA, Bob Jones University; PhD, Bob Jones University; Additional graduate work at Jerusalem University College
- Deanna Cash Moore, (1999)** *Music*
BMus, Bob Jones University; MMus, Bob Jones University; DMA, University of South Carolina
- Michael William Moore, (2005)** *Music*
BS, Bob Jones University; MEd, Bob Jones University; MMus, University of South Carolina; PhD, University of South Carolina; student of Wendy Valerio and William Moody
- Richard C. Mowrey Jr., (2007)** *Chemistry*
BS, Bob Jones University; PhD, The Ohio State University; Additional graduate work at University of Houston
- Eric David Newton (2010)** *Bible*
BA, Bob Jones University; MA, Bob Jones University; PhD, Bob Jones University
- Richard E. Nifenecker Jr., (2009)** *Grande Diplome, Culinary Arts*
Le Cordon Bleu, Culinary Institute of America, American Culinary Federation
- Anne Watson Nolan, (1995)** *Communication*
BA, Bob Jones University; MFA, Bob Jones University
- Kevin Paul Oberlin, (2007)** *Bible*
BA, Bob Jones University; MA, Bob Jones University; PhD, Bob Jones University; Additional graduate work at Geneva Reformed Seminary; Grace Theological Seminary; Jerusalem University College; Trinity International University
- Daniel Perry Olinger, (2000)** *Bible*
BA, Bob Jones University; MA, Bob Jones University; PhD, Bob Jones University
- Jason Duane Ormiston, (2007)** *Bible*
BA, Northland Baptist Bible College; MABS, Central Baptist Theological Seminary; MDiv, Central Baptist Theological Seminary; PhD, Westminster Theological Seminary
- Paul William Overly, (1985)** *Music*
BA, Bob Jones University; MMus, Bob Jones University; PhD, Florida State University; Additional graduate work at Eastman School of Music of the University of Rochester
- David G. Parker, (1985)** *Music*
BS, Bob Jones University; MA, Bob Jones University; DMA University of Michigan; Additional study the McClosky Institute of Voice; student of Andrew White, John McCollum, and Sherrill Milnes; CMVT

- Joan Love Parker, (1977) Music**
BS, Bob Jones University; MA, Bob Jones University; Additional graduate work at University of North Texas
- Linda Owens Parker, (2008) Education**
BS, Bob Jones University; MEd, University of South Carolina; Additional graduate work at University of Cincinnati,
- Mark Mason Parker, (1976), Music**
BA, Bob Jones University; MA, Eastman School of Music of the University of Rochester; PhD, University of North Texas
- *Miriam Patterson, (2006) Modern Language**
BA, Bob Jones University; MS, Bob Jones University
- Valarie Shearer Petersen, (1995–98, 2000) Nursing and Health Science**
BSN, Bob Jones University; MN, University of South Carolina; DNP, Saint Louis University; GCNS-BC, FNP-BC
- Paula Sue Phillips, (1992) Nursing and Health Science**
BS, West Virginia University; MSN Clemson University
- Kathy Diane Pilger, (1982) Mathematics**
BA, Eastern Illinois University; BS, Eastern Illinois University; MA, Eastern Illinois University; EdD Bob Jones University
- Joan Jacobson Pinkston, (1970) Music**
BA, Bob Jones University; MA Bob Jones University; Additional graduate work at Hartt College of Music, Westminster Choir College
- Dianne Gustafson Pinner, (1978) Music**
BS, Bob Jones University; MA, Bob Jones University
- Bruce Wayne Polhamus, (1977) Communication**
BS, Bob Jones University; MA, Bob Jones University
- Ronald Hugh Pyle, (1986–1994, 2003), Communication**
BA, Bob Jones University; MA, Bob Jones University
- Susan Rose Quindag, (1983) Music**
BA, San Francisco State University; MEd, Jones University; EdD; University of North Carolina at Greensboro; student of Eugene Gratoovich, Roy Malan, and Bernard McWilliams
- Michelle Berg Radford, (2008) Art and Design**
BFA, Bob Jones University; MA, Bob Jones University; MFA, Savannah College of Art and Design
- Paul Todd Radford, (2008) BA, MA, Communication**
BA, Bob Jones University; MA, Bob Jones University; Additional graduate work at University of South Florida, Regent University
- Margene Griggs Ranieri, (1985) Biology**
BS, University of California at Davis; MA, California State University at Chico, PhD, University of Florida; Additional graduate work at University of Michigan
- Christopher A. Rawlings, (2008) Accounting**
BS, Bob Jones University; MBA, William and Mary
- Carl Edward Rea, (1981–84, 1992) Music**
BA, Bob Jones University; MA, Bob Jones University; BS, Pillsbury Baptist Bible College. Additional graduate work at Central Baptist Theological Seminary
- Judith Weiss Rea, (1982–84, 1992) Music**
BA, Bob Jones University; MA, Bob Jones University
- Duane Louis Ream, (1986) Music**
BA, Bob Jones University; MM, Bob Jones University
- Marlene Louise Reed, (2002) Education**
BS, Kansas State University; MS, Kansas State University; Additional graduate work at Kansas State University
- Bradley Dale Reeder (2010), Nursing**
BSN, Bob Jones University; MSN, Vanderbilt University
- Gary Robert Reimers, (1998) Seminary**
BA, Bob Jones University; MA, Bob Jones University; PhD, Bob Jones University
- Kenon Dean Renfrow, (1985–88, 2004) Music**
BA, Bob Jones University; MMus, Bob Jones University; PhD, The University of Oklahoma
- James Edward Roach, (1981) Physics and Engineering**
BS, Canisius College; MS, Syracuse University; PhD Syracuse University; Additional graduate work at State University of New York at Buffalo
- Sharyn Jeffers Robertson, (2010) Communication**
BS, Bob Jones University; MA, Bob Jones University; Additional graduate work at National University
- David Elliott Rogers, (1988–93, 1995) Communication**
BS, Pearl Valley Baptist College; MA, Bob Jones University
- Bruce Edward Rose, (1996) English**
BA, Bob Jones University; MEd, Bob Jones University; PhD, University of North Carolina at Chapel Hill
- Elizabeth Youngberg Rose, (1999) Journalism and Mass Communication**
BA, Bob Jones University; MEd, Bob Jones University; MA, Bob Jones University
- Stephen Mark Ross, (1989) Communication**
BS, Bob Jones University; MA, Bob Jones University
- Karen Denise Rowe, (1989) English**
BA, Bob Jones University; MEd, Bob Jones University; PhD; Bowling Green State University; Additional graduate work at Exeter College at Oxford, Clemson University, Institute de Touraine
- Samuel Saldivar, (2005) Bible**
BA, Bob Jones University; MA, Bob Jones University; PhD, Bob Jones University
- Ronald G. Samec, (1996) Physics and Engineering**
BA, University of South Florida; MA, University of South Florida; PhD, Clemson University
- Stephen Schaub, (1996) Computer Science**
BS, Bob Jones University; MS, University of North Texas; Additional graduate work at Bob Jones University
- Samuel E. Schnaiter, (1970) Bible**
BA, Bob Jones University; MA, Bob Jones University; PhD, Bob Jones University
- Brenda Thompson Schoolfield, (1992) History**
BA, Bob Jones University; MEd, Bob Jones University; PhD, University of South Carolina
- William Robnett Schoolfield, (1988) Music**
BS, Tennessee Technological University; MMus, University of Tennessee at Chattanooga; EdS, Bob Jones University; Additional graduate work at University of South Carolina; student of Charles Hiebert, Joseph Rasmussen, Monte Coulter, and James Hall
- David Ryan Schwingle, (2002) Communication**
BA, Bob Jones University; MA, Bob Jones University; Additional graduate work at Hollins University
- Lesla Marie Seibert, (1994) Education**
BS, Bob Jones University; MEd, Bob Jones University; EdS, Bob Jones University; EdD, Bob Jones University; Additional graduate work at Furman University
- Ross R. Shoe, (2012) Art and Design**
BFA, Bob Jones University; MFA Academy of Arts University
- Royce Brian Short, (1999) Bible**
BA, Bob Jones University; MA, Bob Jones University; PhD, Bob Jones University
- Lori Nestor Shrock, (2004) Nursing and Health Science**
BSN, Bob Jones University; MSN, Gardner-Webb University
- Mark Edward Sidwell, (2001) History**
BA, Bob Jones University; MA, Bob Jones University; PhD, Bob Jones University
- Caren Salter Silvester, (1978) English**
BA, Bob Jones University; MA, University of South Carolina; EdD, Bob Jones University
- Sidney Thomas Silvester, (1981) English**
BS, Central Michigan University; MEd, Bob Jones University; Additional graduate work at Clemson University; University of South Carolina
- Michael James Slattery, (1988) Art and Design**
BA, Bob Jones University; MA, Bob Jones University
- I. Jane Smith, (1982) Education**
Bob Jones University, Clemson University
- Joshua Derek Smythe, (2010) Psychology**
BS, Clearwater Christian College; MS, Bob Jones University; MDiv, Bob Jones University

*Leave of absence.

- Betty Lou Solomon, (1980)** *Communication*
BS, Bob Jones University; MEd, Bob Jones University; MA
University of South Carolina
- Blake Allyn Spence, (1980)** *Communication*
BA, Bob Jones University; MEd, University of Delaware; MA,
Clemson University; EdD, Bob Jones University
- Douglas Vaughn Sprunger, (2002)** *Practical Studies*
BA, Bob Jones University; MA, Bob Jones University; MS,
Bob Jones University; DPasTh, Bob Jones University
- Gina Young Sprunger, (1979–83, 2002)** *Music*
BA, Bob Jones University; MA, Bob Jones University
- Raymond A. St. John, (1965)** *English Language and Literature*
BA, Bob Jones University; MA, Bob Jones University; PhD,
University of North Carolina at Chapel Hill; Additional graduate
study at University of Michigan
- Jared Timothy Stanley, (2010)** *Art and Design*
BS, Bob Jones University; MA, Bob Jones University
- Shannah Elaine Steel, (2004)** *Modern Language*
BA, Bob Jones University; MS, Bob Jones University; MA,
Middlebury College
- Jeffrey Lee Stegall, (1987)** *Communication*
BS, Free Will Baptist Bible College; MA, Bob Jones University,
Additional graduate work at University of Oklahoma, National
Shakespeare Conservatory
- Laura Kathryn Stevenson, (1979)** *Communication*
BA, Bob Jones University; MA, Bob Jones University
- Amy Gendreau Streeter, (1999)** *Academic Resource Center*
BS, Bob Jones University; MEd, Bob Jones University
- Deborah Lynn Summerlin, (2007)** *Mathematics*
BS, North Georgia College; MS, Clemson University; PhD,
Clemson University
- Layton MacDonald Talbert (2001)** *Seminary*
BA, Bob Jones University; MA, Bob Jones University; PhD,
Bob Jones University
- Amy Lynn Vanlieshout Tuck, (2007)** *Biology*
BS, Bob Jones University; PhD, Clemson University
- Lorri Conder Turcios, (1999)** *Music*
BMus, Bob Jones University; MMus, Bob Jones University; MMus,
Southern Methodist University; Additional graduate work at
Bob Jones University; student of Alfred Mouledous, Joseph Resitz,
Sheila Paige
- Daniel Lynn Turner, (1972)** *Music*
BS, Bob Jones University; MS, University of Illinois; EdD,
University of Illinois; Additional graduate work at Furman
University; student of Dan Perantoni, Fritz Kaenzig, Harry Begian,
and Robert Gray
- Jamie Langston Turner, (1981)** *English*
BS, Bob Jones University; MEd, Bob Jones University; Additional
graduate study at University of Illinois
- Nick Uwarow, (1984)** *Education*
BA, Bob Jones University; MS, Bob Jones University; EdD,
Bob Jones University; Additional graduate study at Pillsbury
Baptist Bible College, Indiana State University
- Roberta Homberg Vedders, (2005)** *Nursing and Health Science*
BSN, Western Carolina University; MSN, University of Phoenix
- Brian Stanley Vogt, (1983)** *Chemistry*
BS, Bob Jones University; PhD, University of Florida
- Mark Craig Vowels, (2000)** *Christian Missions*
BA, Bob Jones University; MA, Bob Jones University
- Emily Zane Waggoner, (2006)** *Music*
BMus, Bob Jones University; MMus, Converse College
- Dawn Louise Watkins, (1979)** *Communication*
BA, Bob Jones University; MEd, Bob Jones University; MA,
Clemson University
- Rebecca Hill Weier, (1990)** *Computer Science*
BS, Bob Jones University; MS, Bob Jones University
- Renaë Midcalf Wentworth, (2001)** *English*
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Index

- Academic Council, 39
- Academic Information, 34
- Academic Resource Center, 222
- Academy, 222, 227
- Accounting, 144, 208
- Accreditation, 34
- ACT, 14
- Actuarial Science, 66
- Administrative Cabinet, 230
- Administrative Officers, 231
- Admission, 14
 - Advanced Standing, 17
 - Entrance Deficiencies, 16
 - Freshman, 15
 - General, 14
 - Graduate, 18
 - International Student, 16
 - Part-Time, 16
 - Postgraduate Special, 18
 - Service Personnel, 17
 - Special, 16
 - Transfer Student, 18
- Alumni Association, 223
- Ancient Languages, 84, 173
- AP and CLEP Credit, 19
- Apparel, Textiles, and Design, 98, 179
- Art, 94, 177
- Art and Design, 93, 177
- Art and Design Forum, 218
- Arts and Science, College of, 34
 - Courses, 152
 - Majors, 46
- Associate Degree Requirements, 36
- Astronomy, 161
- Attendance, 216
- Auxiliary Ministries, 222
- Bachelor Degree Requirements, 36
- Basoon, 186
- Bible, 82, 171
- Bible Conference, 216, 226
- Bible Requirements, 36
- Biblical Counseling, 141
- Biochemistry and Molecular Biology, 61
- Biology, 56, 157
- BJU Press, 224, 228
- Board of Trustees, 229
- Brass Pedagogy, 186
- Buildings and Equipment, 213
- Business, 148
- Business, School of, 143
 - Courses, 208
 - Majors, 144
 - Business Administration, 148, 209
 - Business Associate Degree, 147
- Calendar, 13
- Campus Services, 227
- Campus Store, 227
- Campus Visits, 226
- Career Fair, 226
- Career Services Office, 223, 227
- Cello, 186
- Center for Distance Learning, 224
- Challenge Examination (Nursing), 42
- Chapel Services, 217
- Charter, 4
- Chemistry, 60, 62, 160
- Child Care, 196
- Chinese, 53, 155
- Choral Programs, 218
- Christian Ministries, 85, 86
- Christian School Recruitment Conference, 226
- Christmas Vacation, 12
- Church Attendance, 216
- Church Internship Program, 81
- Church Ministries, 175
- Church Music, 100, 183
- Cinema, 112, 193
- Cinema Production, 112, 193
- Clarinet, 186
- Classic Players, 218
- Classification of Students, 38
- Coaching, 138
- Cocurricular Credit, 42
- Collegian*, 218, 228
- Communication, 108, 190
- Communication Disorders, 108, 109, 190
- Communication Studies, 107, 190, 191
- Community Service Council, 218, 225
- Composite Science, 55
- Composite Science Education, 135
- Composite Social Studies Education, 136
- Computer Science, 68, 165
- Concert, Opera, Drama Series and Recitals 216, 228
- Contests, 223
- Counseling, 140
- Courses of Instruction, 152
- Creative Writing, 49, 152
- Criminal Justice, 76, 169
- Criminal Justice Association, 219
- Cross-Cultural Service, 87, 88, 176
- Culinary Arts, 147, 210
- Day of Prayer, 217
- Debate, 217
- Design, 95, 179
- Distance Education, 42
- Double Bass, 187
- Early Childcare and Development, 120

Early Childhood Education, 121, 198
 Economics, 170
 Education, School of, 35
 Courses, 196
 Majors, 116
 Electronics, 161
 Elementary Education, 122, 200
 Engineering, 63, 161
 English, 50, 52, 152
 English Education, 125, 152
 ESL, 152
 Euphonium, 187
 Examinations, 42
 Executive Committee, 229
 Faculty, 232
 Farm Fest, 225
 Federal Grants, 25
 Finance, 209
 Financial Aid, 25
 Financial Information, 21
 Fine Arts & Communication, School of, 34
 Courses, 177
 Majors, 92
 Flute, 187
 Foods and Nutrition, 167
 French, 53, 156
 French Horn, 187
 Freshman Seminar, 152
 Friendship Dinners, 225
 General Studies, 47
 Geography, 170
 Grade Reports, 39
 Grading System, 38
 Graduating Student Expo, 217
 Graduation Fees, 22
 Graphic Design, 95, 179
 Greek, 82, 173
 Grievance procedures, 40
 Guitar, 187
 Harp, 187
 Health, Fitness and Recreation, 139
 Health and Physical Education, 205
 Health Services, 20
 Hebrew, 173
 Heritage Day, 216
 History, 74, 168
 Homiletics, 174
 Honors, 39
 Horn, 187
 Housing, 214
 Human Resources, 210
 Humanities, 48
 Information Technology, 68, 70
 Instrumental Programs, 219
 Instrumental Studies, 105, 186
 Intercollegiate Athletics, 217
 Inter Society Council, 219
 Interior Design, 97, 180
 International Studies, 75
 Job Search Services, 223
 Journalism and Mass Communication, 110, 192
 Journalism and Mass Communication Forum, 219
 Keyboard Performance, 103
 Keyboard Studies, 103, 185
 Language Requirements, 37
 Library, 228
 Linguistics, 53, 154
 Living Gallery, 227
 Load, 38
 Management, 146, 209
 Marketing, 210
 Mathematics, 66, 163
 Mathematics Education, 128
 Middle School Education, 123, 201
 Ministerial Class, 219
 Ministry Teams, 220, 225
 Mission Teams, 219
 Missions, 87, 176
 Missions Advance, 219
 Missions Emphasis Week, 217, 227
 Modern Language and Literature, 53, 155
 Modern Language Education, 126
 Museum & Gallery, 214, 228
 Music, 99, 182
 Music Education, 129, 202
 Music History and Literature, 100, 182
 Music Theory and Technology, 100, 182
 Natural Science, 55, 157
 New Testament, 171
 Numbering of Courses, 41
 Nursing, 71, 167
 Nursing and Health Science, 71
 Oboe, 187
 Officers of Administration, 228
 Office of Student Services, 228
 Old Testament, 173
 Opera Association, 219
 Opportunity Days, 227
 Orchestral Instrument Performance, 105
 Organ, 185
 Outreach Ministries, 217, 225
 Overload Permission, 38
 Overseas Study Tours, 223, 226
 Pastors Visits, 225
 Percussion, 188
 Personnel, 229
 Philosophy, 53, 155
 Photography, 95, 181
 Physical Education and Exercise Science, 138, 205
 Physical Science, 55
 Physics, 64, 162
 Piano, 185

Piano Pedagogy, 104, 186
 Political Science 75, 170
 Praxis Examination, 117
 Premed/Preudent, 58
 Premedical Association, 219
 Pre-Physical Therapy, 59
 Professional Education, 197
 Professional Writing, 110, 193
 Prospective Student Trips, 227
 Programming Intercollegiate Team, 220
 Psychology, 140, 207
 Pulpit Supply and Interim Pastors, 225
 Publications, 228
 Quality points, 39
 Registration, 37
 Religion, School of, 34
 Courses, 171
 Majors, 80
 Residence Requirements, 38
 Robotics Intercollegiate Team, 220
 Saxophone, 188
 Scholastic Bowl, 217
 Scholarships, 26
 Science, 157
 Science Education, 134
 Secondary Education, 197
 Seminars
 On-Campus Events, 226
 Semester credits, 39
 Social Science, 73, 168
 Social Studies, 75, 170, 171
 Social Studies Education, 136
 Societies, 220
 Society Athletics, 217
 Sociology, 171
 Soulwinning Conference, 218
 Spanish, 54, 156
 Spanish Education, 126
 Speaker's Bureau, 225
 Special Education, 137, 203
 Speech Clinic, 107
 Standards of Conduct, 216
 String Pedagogy, 188
 Student Activities, 216
 Student Leadership Council, 220
 Student Legislature, 220
 Student Load, 38
 Student Ministries, 223, 226
 Student Opportunities, 222
 Student Organizations, 218
 Student Work Program, 223
 Studio Art, 94, 177
 Summer Orientation, 218
 Summer Sessions, 12
 Supervisory Staff, 237
 Teacher Education Programs, 120, 130
 TESL, 50
 TESL Certificates, 49
 Theatre Arts, 113, 195
 Transfer Credits, 18
 Transcripts, 43
 Trombone, 188
 Trumpet, 188
 Tuba, 188
 University Business Association, 220
 University Educators Association, 220
 University Ministry Teams, 220
 University Nursing Association, 221
 University Representatives, 226
 Validation Examinations, 42
 Vespers, 218
 Viola, 189
 Violin, 189
Vintage, The, 221
 Vocal Studies, 102, 184
 Voice Performance, 102
 WBJU, 221
 Woodwind Pedagogy, 189



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