

Academic Programs, Degree Requirements, & The Academic Schools

Degrees, Majors, and Minors

The college offers the Bachelor of Arts, Bachelor of Music, Bachelor of Science, Master of Arts in Teaching, Master of Business Administration, Master of Education and Education Specialist degrees. Details regarding the graduate degrees appear in the Graduate Catalog.

During the first semester of the junior year, the candidate for a degree must complete with the registrar an undergraduate degree plan — a planned program of work having the approval of the appropriate academic advisor. This program will include one or more majors, the general-education and the general degree requirements. The student may also select an optional minor, completion of which requires at least 18 semester hours.

The major requirements vary from area to area, but must include at least 30 semester hours (For foreign-language majors, up to eight of these hours may be waived upon demonstration of proficiency through the initial placement procedure). ***The major must include 15 hours, and the minor 9 hours, in courses numbered 300 or above taken at Berry.*** Students completing two or more majors in different degree programs must also meet the appropriate degree requirements for each degree. Special requirements for the B.A. degree and the B.S. degree appear under Major requirements, items 3 & 4, page 46.

Although it is not necessary to determine a major upon admission, the student should make that decision no later than the end of the sophomore year.

Berry College reserves the right to change degree requirements and to delete majors and minors whenever it deems necessary.

Majors leading to undergraduate degrees are available as follows. Concentrations are indicated in parentheses.

BACHELOR OF SCIENCE

Accounting	Government ¹
Animal Science	Health and Physical Education ²
Biochemistry	Interdisciplinary Studies
Biology ¹	Management
Chemistry ¹	Marketing
Computer Science (<i>no new majors after 1/1/11</i>)	Mathematics ¹
Early Childhood Education	Middle-Grades Education
Economics	Physics ¹

Environmental Sciences (Biology; Chemistry;
Geoscience; Public Policy)
Exercise Science
Finance

Psychology
Sociology and Anthropology

BACHELOR OF MUSIC

Music Education²

Music with Elective Studies in Business

BACHELOR OF ARTS

Art (Art Education²; Art History; Studio Art)
Communication (Journalism; Public Relations;
Visual Communication)
Economics
English¹ (Literature; Secondary Education;
Writing)
French²
German²
History¹
Interdisciplinary Studies

International Studies
Music
Political Science
Psychology
Religion and Philosophy
Sociology and Anthropology
Spanish²
Theatre

¹Teacher certification available at secondary level.

²Teacher certification, grades P-12.

Dual-degree programs with Emory University School of Nursing and Georgia Institute of Technology are discussed on page 48.

Minors. Minors may be selected from the following:

Animal Science
Anthropology
Art
Biology
Business
Chemistry
Computer Science
Dance
Economics
Education
English
Family Studies
Film Studies
French
Geology
German
History

International Studies
Journalism
Latin American and Caribbean Studies
Legal Studies
Mathematics
Music
Philosophy
Physics
Political Science
Psychology
Public Relations
Religion
Sociology
Spanish
Speech
Theatre
Women's and Gender Studies
Writing

Requirements for All Undergraduate Degrees

Although administrative and faculty advisors are ready to help the student in planning and checking the progress of the degree program, the final responsibility for completing all requirements for a degree rests with the student. If a student has not satisfied all the requirements, her or his degree will be withheld pending adequate fulfillment. The student has the option to graduate under the general requirements of the catalog in effect during the semester of first enrollment or any subsequent year of attendance. Students are required to fulfill the requirements of the academic major as listed in the catalog that is in effect at the time they declare a major. The catalog chosen may not be more than seven years old at the time of graduation. Students are encouraged to track their progress toward graduation and degree completion by using the Degree Audit Report on VikingWeb.

To be eligible for graduation, all students must meet the following:

General Degree Requirements

1. Complete BCC 099 or BCC 100 satisfactorily during the first term of enrollment.
2. Successfully complete at least 124 credit hours. If a student repeats a course, only one attempt will count towards the required 124 hours.
3. Earn a 2.0 overall GPA for their Berry College coursework.
4. Be in good standing with the college and receive faculty approval for the degree.
5. Complete the General Education sequence as specified in the catalog in effect during the semester of first enrollment or any subsequent year of attendance and a major as specified in the catalog that is in effect when they declare the major.
6. Complete an Undergraduate Degree Plan outlining courses required for the major.
7. Complete with the registrar early in the senior year (at the completion of 90 semester hours) two semesters before graduation, an **application for graduation, which will indicate requirements met**, and those remaining to earn the degree. Students who fail to complete an application by the deadline may be withheld from graduation until next term.

Writing Across the Curriculum Requirement

Complete a minimum of two writing-intensive (I) courses totaling six semester hours at the 300 level or above (or in some approved instances, at the 200 level or above) for each major. Ordinarily, these courses are to be completed within the major. Students enrolled in the dual-degree nursing program must complete two writing-intensive (I) courses totaling a minimum of six semester hours, including PSY 221I and at least three other hours at the 300 level or above in any field of their choice.

Major/Minor Requirements

1. Complete the requirements for the major or minor specified in the catalog in effect the year you declare your major or minor.
2. Complete at least 15 hours in the major or 9 hours in the minor in courses at the 300/400 level taken at Berry College.
3. If pursuing the B.A. degree, successfully demonstrate competence in a foreign language at the intermediate level of study. Majors in one of the foreign languages take two other courses of at least three credits each in a second foreign language (or

- the equivalent by examination), or three courses in the humanities approved by the major department, in addition to courses counted toward the general-education requirements or humanities courses in the major. Foreign-language majors who complete a second major and/or an education minor are exempt from this requirement.
4. If pursuing the B.S. degree, complete successfully a minimum of six courses of at least three credits each (including courses counted toward the general-education requirements) that support the character and intent of the B.S. degree (here defined as quantitative, mathematical, empirical, statistical or laboratory-oriented). Courses meeting this requirement are noted by the department offering the course; the Registrar maintains a list of all approved courses.
 5. Earn a 2.0 overall average in the major field (including all coursework whether or not taken at Berry). Note that some majors require a minimum grade for certain coursework within the major.
 6. Complete the assessment(s) within the major and general education as required in the final term of enrollment.
 7. In cases where courses may be used to satisfy more than one degree requirement, at least 15 hours in courses numbered 300 or above counted toward the major must be used solely for that requirement. At least 9 hours in courses numbered 300 or above must be used solely to satisfy the requirements for each minor, unless otherwise specified by the discipline.

Residency Requirements

1. Complete a minimum of 62 hours in residence at Berry College.
2. Complete the last two semesters in residence at Berry College. No more than three courses (9 hours) of the last 30 hours may be taken off campus.
3. Complete 15 hours in the major in residence at Berry College. These 15 hours must be in courses numbered at the 300 level or above.
4. Complete 9 hours in the minor in residence at Berry College. These 9 hours must be in courses numbered at the 300 level or above.

Cultural Events Requirement

Attend a minimum of 24 cultural events in the four-year program, or an average of 3 cultural events per semester if enrolled less than four years. Cultural events must be completed no later than the last day to withdraw from a course in the semester the student intends to graduate.

Double Majors, Double Degrees, and Dual Degrees

A student is typically awarded one of three degrees at graduation: B.A., B.S., or B.M. A double major is earned when a student completes all the major requirements for two majors that lead to the same degree (either a B.A. or B.S.) and the requirements specified for that degree.

A student may earn double degrees (some combination of a B.A., B.S., or B.M.) by meeting all requirements for both majors and both degrees including 32 independent hours earned solely for the second degree. Both degrees must be listed on the application for graduation.

Berry College has two dual-degree options with Georgia Tech (Engineering) and Emory University (nursing). Students should complete the degree requirements for these special programs. Upon completion of the necessary components, and receipt of the transcript from Georgia Tech or Emory, Berry College will award the Bachelor of Science degree. Students will earn the second degree from Georgia Tech or Emory upon completion of their degree requirements.

Required Basic and General-Education Courses

Berry College Courses

Berry College Courses are those extending beyond the disciplinary boundaries of any one department and representing educational opportunities made available to students by the college as a whole. In this category are educational-growth and thematic courses.

BCC courses may not be used in satisfaction of general-education requirements, other than electives. Only with the written permission of the appropriate school dean may BCC courses be used in the major or the minor. The Dean of Academic Services is the director of Berry College Courses, and further information about these offerings may be secured from that office.

General Education Courses

The courses required for the bachelor's degree at Berry College are designed to assist students in becoming literate, cultured and creative individuals who are also responsible citizens of a democracy in a changing world and who are prepared for lifelong learning. Students will engage in learning that fosters clear and analytical reasoning, effective communication, appreciation of artistic excellence, understanding of scientific and mathematical inquiry, and the ability to make informed and morally responsible choices. They should also acquire that breadth of vision that comes with a historical consciousness and an awareness of cultural and global diversity. The proper cultivation of such a vision emphasizes the best thought and greatest achievements of humankind throughout the course of recorded history.

The courses in the general education curriculum are designed to provide a foundation of liberal learning and to expose students to a breadth of academic disciplines. Students should work with their advisors to select courses that may be needed as prerequisites for advanced work; freshmen are strongly urged to complete ENG 101 and ENG 102 during their first two terms of enrollment.

General Education

Students must complete courses as designated in each group.

Communication (3 courses)

9 hours

English 101–102 (6 hours)

Communication 203 (3 hours)

Behavioral and Social Sciences (3 courses)

9 hours

Economics: ECO 110

Government and International Studies: GOV 207, 211 or 217

Psychology: PSY 101 or 103

Sociology or Anthropology: SOC 200, ANT 200, or ANT 210

Courses will be selected from three of the above four behavioral- science areas.

Humanities (5 courses)

15 hours

Fine Arts: ART 201, 202; MUS 215; or THE 201

History: HIS 154, 155, 205, or 206

Literature: Any 200-level literature course

Religion or Philosophy: Any 100-level course

One course will be selected from each of the above four humanities areas.

A fifth course will be selected from one of the humanities courses listed above.

Mathematics and Natural Sciences (3 courses)

11-12 hours

Mathematics (3-4 hours)

Any 100- or 200-level mathematics course, as determined by the student's major.

Science (8 hours)

Two different laboratory-science courses chosen from different sciences—

Biology (BIO), Chemistry (CHM), Geology (GEO),

Physics/Astronomy (PHY or AST), or ANS 105.

Health and Physical Education (3 KIN courses)

3 hours

One course from KIN 220, 221, 222 or 223 (221 may count as activity or classroom course, but not both) plus two KIN activity courses. A maximum of four KIN activity courses may be applied toward degree requirements.

Electives (2 courses)

6 hours

Courses selected outside the student's major discipline, or the minor, if one is chosen. (Students may use foreign-language courses to fulfill this requirement.) Students with double majors are exempt from this requirement.

Total General Education (19 courses)

54 hours

The Academic Schools

Berry College is divided into four academic schools, the Campbell School of Business, Charter School of Education and Human Sciences, Evans School of Humanities, Arts, and Social Sciences, Arts, and Social Science, and the School of Mathematical and Natural Sciences.

Campbell School of Business

Dean: John Grout, Green Hall, Room 212 Telephone: (706) 236-2233 FAX: (706) 802-6728
E-mail: business@berry.edu

The Campbell School of Business offers degree programs in: Accounting (B.S.), Economics (B.S. or B.A.), Finance (B.S.), Management (B.S.), and Marketing (B.S.).

The Campbell School of Business serves its stakeholders within the context of the mission of Berry College. The principal stakeholders are (a) those who *seek the benefit of education*, either directly as students and alumni, or indirectly as employers, (b) members of the *public and private sectors*, including regional businesses and non-profit organizations in north Georgia and beyond, and (c) the *academic community*, both at Berry College and at large. The Campbell School educates students through formal and informal programs, placing high priority on the education of the Head, the Heart and the Hands, and on currency of curriculum. The Campbell School's process of continuous improvement facilitates our serving these stakeholders' evolving needs.

Mission

The Campbell School of Business provides an excellent liberal arts-based business education that engages the Head, Heart, and Hands, while serving the academic and business communities through appropriate research and services.

Accredited Programs

Berry College is fully accredited by the AACSB (The Association to Advance Collegiate Schools of Business). Campbell School of Business also offers an accredited Master of Business Administration program. More information is available at

Admission to Degree Programs in the Campbell School

All entering freshmen and any transfer students who meet the Berry College admissions standards can be admitted into any of the degree programs in business or economics. Students may declare a major in Accounting, Economics, Finance, Management, or Marketing. Alternatively, a student may enter the business school as a prebusiness-undeclared student. This allows students the opportunity to experience some of the areas of business before declaring a major. Prebusiness-undeclared students must declare a major area prior to filing for graduation. When a prebusiness-undeclared student declares a major, the student's major requirements will be governed by the catalog in effect at the time of declaration.

Studies in Business and Economics

The curricula of the Campbell School of Business are built upon a foundation that represents the synergistic blending of undergraduate and graduate programs, of teaching and research, of

development of technical skills, and broad concern for individual, social, and economic values. This solid foundation makes the school a vital and exciting place to study and work. The faculty is committed to fulfilling the Berry College mission of educating the whole person: the *Head*, *Heart* and *Hands*. This commitment is evident throughout our curriculum and interactions among students, faculty, staff and the business community. The Campbell School experience inspires students to work conscientiously to add value for clients and create a better life for fellow workers. Students become an integral part of their business endeavors, as well as engaging in service to their community.

The undergraduate curriculum has three components: a solid foundation in the liberal arts, grounding in a common body of skills and knowledge important to the business professions, and opportunities for specialization in one of our majors. Through its curriculum, the Campbell School of Business stimulates critical thinking, helps students develop communication skills, provides a forum through which students can integrate and synthesize knowledge and fosters ethical decision making and leadership.

The concept of "Head, Heart and Hands" applied to the Campbell School of Business

Head

The curriculum challenges our faculty and students and responds to the needs of a rapidly changing business community. There are three goals for developing the Head: knowledge, basic skills and advanced skills. *Knowledge* includes the basic business information that is needed to engage in the modern business economy. *Basic skills* include general understanding of accounting and economic principles, business statistics and mathematics, computer skills, and oral and written communication. *Advanced skills* include the ability to demonstrate critical thinking and the ability to analyze and integrate complex information.

Heart

Education of the Heart includes two goals: to increase students' appreciation of other cultures and backgrounds and to enhance students' commitment to social responsibility. Students in the Campbell School of Business are exposed to a variety of cultural experiences to help them appreciate the rich diversity of the modern business environment. Team-based learning fosters an appreciation of the perspectives of others. The program includes service requirements beginning in the freshman year and continuing in student organization activities and in some courses. Social responsibility and sound business ethics are a consistent theme woven throughout the fabric of the curriculum.

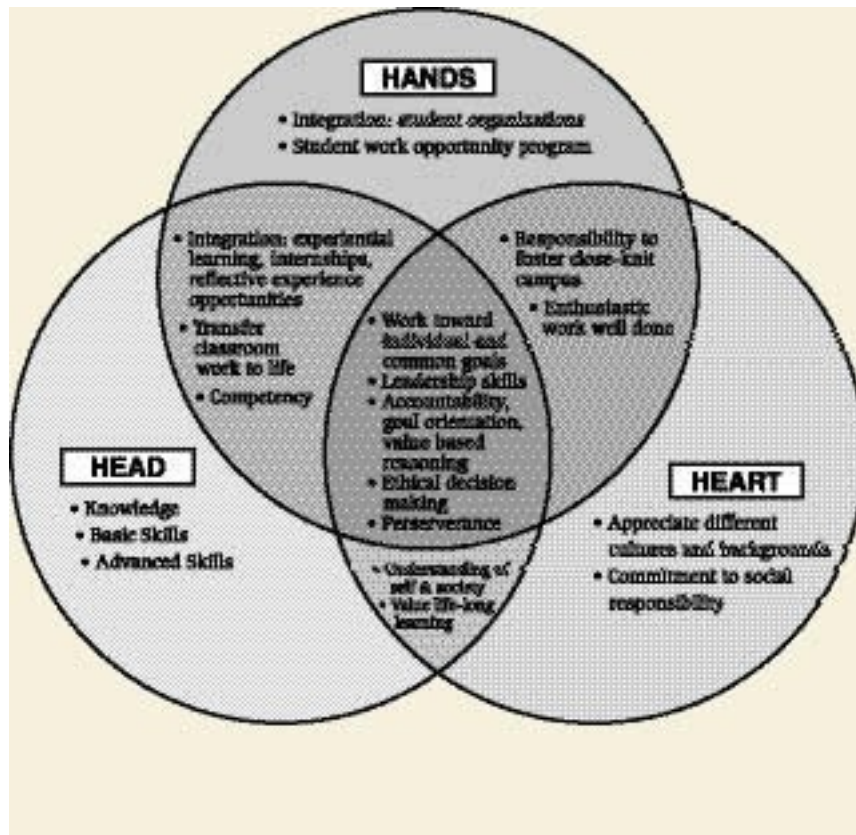
Hands

The goal of educating the Hands is met through student participation in campus organizations and work experiences. Student organizations such as the Executive Round Table, the Berry Accounting Association, Beta Gamma Sigma, Omicron Delta Epsilon, the Berry Investment Group, and the Berry Association of Marketers facilitate contact with the business community and encourage exchange of ideas and discussion. Opportunities for student work exist college-

wide and in the business community.

Head, Heart and Hands

Balance is important in both intellectual and personal growth. Synthesizing the components of the three areas leads to continuous personal growth and begins a career of lifelong learning. By balancing development within the three areas, students have a grasp of business knowledge and its application and are able to express informed opinions about business-related topics, evaluate situations in an ethical way and know when and how to apply techniques and concepts to situations to match their own interpersonal styles.



Charter School of Education and Human Sciences

Dean: Jacqueline M. McDowell, Cook Hall Telephone: (706) 236-2202 Fax (706) 238-5827

The Charter School of Education and Human Sciences offers courses and field experiences in teacher education, psychology, kinesiology, and family studies. Five majors and four minors are offered through the Charter School.

Majors:

- Early Childhood Education (B.S.) for teaching pre-kindergarten to grade 5
- Exercise Science (B.S.)
- Health and Physical Education (B.S.) for teaching pre-kindergarten to grade 12
- Middle-Grades Education (B.S.) for teaching grades 4-8
- Psychology (B.A./B.S.)

Minors:

- Secondary Education (for teaching grades 6-12. Students major in a subject area—English, biology, chemistry, physics, government, history, mathematics—and minor in education.)
- P-12 Education (for teaching preschool through grade 12. Students major in a subject area—art, French, German, Spanish, health/physical education and music—and minor in education.)
- Family Studies
- Psychology

Effective professionals in education and psychology rely upon a strong knowledge base, intensive training, a strong code of ethics and significant and varied experience. The programs in the Charter School of Education and Human Sciences are innovative, academically challenging and field-based. Exciting opportunities are available for students with an interest in research to work with faculty on a variety of projects.

Graduate Programs

Berry College offers a Master of Arts in Teaching, a Master of Education degree in early childhood (P-5) education, in middle-grades (4-8) education, in secondary (6-12) education and in reading. Also offered is an Education Specialist program with leadership focus. Details regarding these programs, admission requirements and course credits may be secured from the Charter School of Education and Human Sciences office, the dean of admissions or the Graduate Catalog. More information is available at <http://www.berry.edu/academics/education/graduate>.

Evans School of Humanities, Arts, and Social Sciences

Dean: Thomas Kennedy, Evans Hall, Room 202 Telephone: (706) 236-2297 FAX: (706) 802-6722

The Evans School of Humanities, Arts, and Social Sciences, Arts and Social Sciences offers degree programs in fine, performing and communication arts; history, languages and letters; philosophy and religion; and the social sciences — here defined as government and international studies and sociology and anthropology. These disciplines provide a wide range of course -work in support of the college mission and promote the mission by teaching critical thinking, sound values and cultural appreciation.

The following majors are available in the Evans School of Humanities, Arts, and Social Sciences, Arts and Social Sciences; students majoring in these areas receive the Bachelor of Arts (B.A.),

Bachelor of Science (B.S.) or Bachelor of Music (B.M.), as designated.

Art (B.A.)	History (B.A.)
Communication (B.A.)	Music (B.A., B.M.)
English (B.A.)	Religion and Philosophy (B.A.)
French (B.A.)	Sociology and Anthropology (B.A., B.S.)
German (B.A.)	Spanish (B.A.)
Political Science and International Studies (B.A., B.S.)	Theatre (B.A.)

As principal custodian of liberal studies, the Evans School of Humanities, Arts, and Social Sciences, Arts and Social Sciences trains students for effective communication, appreciation of the arts and humanities, understanding society and engagement with the perennial concerns of philosophy and theology. The Evans School faculty is committed to pursuing excellence in scholarship, teaching, and mentoring in these areas.

School of Mathematical and Natural Sciences

Dean: D. Bruce Conn, Science Center, Room 301 Telephone: (706) 236-1756 FAX: (706) 238-7855 E-mail: mans@berry.edu

The School of Mathematical and Natural Sciences offers eight majors, seven minors and two dual-degree programs. All graduates receive a Bachelor of Science degree.

Majors

Animal Science
Biology
Chemistry
Biochemistry
Computer Science
Environmental Sciences
 Biology concentration
 Chemistry concentration
 Geoscience concentration
 Public Policy concentration
Mathematics
 Mathematics Education
Physics

Minors

Animal Science
Biology
Chemistry
Computer Science
Geology
Mathematics
Physics

Dual Degree Programs

Engineering
Nursing

The School of Mathematical and Natural Sciences is composed of the departments of animal science; biology; chemistry; mathematics and computer science; and physics, astronomy and geology. Throughout the school, an emphasis on inquiry, research and problem solving guides the curriculum and classroom practice. The school strives to provide for all Berry students opportunities to gain an appreciation for scientific thought and methods, and logical and

mathematical reasoning. For students who seek greater experience in these areas, there are opportunities for mastery of the content in one or more disciplines, for experiential learning in laboratories and field study, and for the development of a desirable work ethic.

Academic Departments, Majors, and Major Requirements

Department of Accounting and Finance

Campbell School of Business

Majors Offered: Accounting (B.S.), Finance (B.S.) Minor Offered: Business

Faculty: Associate Professors Biggart, Carnes, Johnston and Kosedag

Accounting Major (63 hours)

Students majoring in accounting may select from a variety of career paths including but not limited to public accounting, management accounting, internal auditing and government accounting. Students interested in public accounting usually sit for the Certified Public Accountant (CPA) exam. Georgia CPA exam candidates must have 150 semester hours of college credit, including a bachelor's degree and 30 semester hours in accounting beyond accounting principles. Additional information concerning the CPA examination may be found at www.cpa-exam.org. Students not interested in sitting for the CPA exam should work closely with their accounting advisor to design a course of study consistent with their career objectives.

While the major offers a solid background in accounting, students who plan careers as professional accountants need additional training. For these students, completion of 21 semester hours of accounting beyond accounting principles is strongly encouraged. Accounting students are encouraged to work closely with their advisors as they develop their degree plans.

Requirements:		63 hours
Business Pre-core:		21 - 22 hours
ACC 201	Principles of Financial Accounting	3-0-3
ACC 202	Principles of Managerial Accounting	3-0-3
BUS 211	Business Statistics	3-0-3
ECO 110	Principles of Economics I	3-0-3
ECO 210	Principles of Economics II	3-0-3
MAT 145	Applied Calculus or	3-0-3
MAT 201	Calculus	4-0-4
MAT 111	Elementary Statistics or	3-0-3
MAT 311	Probability and Statistics	3-0-3

Students must earn a minimum grade of C- in each of the pre-core classes.

Business Core:		24 hours
BUS 210	Legal Environment of Business	3-0-3
BUS 308	Ethical Issues in Business	3-0-3
BUS 316	Information Systems	3-0-3
MKT 301	Principles of Marketing	3-0-3
FIN 301	Principles of Finance	3-0-3
MGT 301	Principles of Management	3-0-3
MGT 453	Operations Management	3-0-3
BUS 499 I	Global Business Strategy	3-0-3

Accounting Requirements:		18 hours
ACC 301	Intermediate Accounting I	3-0-3
ACC 302	Intermediate Accounting II	3-0-3
ACC 311	Cost Accounting	3-0-3
ACC 331	Tax Topics	3-0-3
ACC 416	Accounting Information Systems	3-0-3
ACC 420	Auditing	3-0-3

No more than 50 percent of the courses used to satisfy the business core or major-specific classes can be transferred from another institution.

Use of information technology: Specific software and information technology requirements will be listed in individual course syllabi and an opportunity will be provided during the first few weeks of a course to complete any computer-based training modules that were not completed earlier.

Finance Major (63 hours)

Finance is the art and science of managing money. The main goal of the finance major is to expose students to three primary areas of finance: (1) managerial or corporate finance, (2) investments, and (3) money and capital markets. Knowledge of all three areas and a broad business background are important for success in the finance field. Corporate finance covers the role of the financial manager, especially pertaining to the issues of capital budgeting, capital structure and financing decisions. The investments area deals with the risks and returns associated with individual investments, with stocks, bonds and mutual funds and the basics of portfolio management. Students also gain familiarity with the workings of the stock market and buying and selling stock. A study of money and financial markets provides an understanding of the role of financial markets, institutions, and instruments in the economic environment in which businesses and other agencies operate. Concepts such as the time value of money, understanding and interpreting financial statements and ratios, risk and return, asset valuation and financial planning run throughout the curriculum.

Berry College also provides students with a hands-on experience managing a real investment portfolio that started out with a \$100,000 balance. The Berry Investment Group (BIG) is a student organization dedicated to educating students and managing the portfolio. BIG members meet to discuss individual stocks and the stock market and to

hear from guest speakers in the investments field. While BIG is open to students across the campus, finance majors are particularly active in the organization.

Requirements:	63 hours
Business Pre-core:	21 - 22 hours
ACC 201 Principles of Financial Accounting	3-0-3
ACC 202 Principles of Managerial Accounting	3-0-3
BUS 211 Business Statistics	3-0-3
ECO 110 Principles of Economics I	3-0-3
ECO 210 Principles of Economics II	3-0-3
MAT 145 Applied Calculus or	3-0-3
MAT 201 Calculus	4-0-4
MAT 111 Elementary Statistics or	3-0-3
MAT 311 Probability and Statistics	3-0-3

Students must earn a minimum grade of C- in each of the pre-core classes.

Business Core:	24 hours
BUS 210 Legal Environment of Business	3-0-3
BUS 308 Ethical Issues in Business	3-0-3
BUS 316 Information Systems	3-0-3
MKT 301 Principles of Marketing	3-0-3
FIN 301 Principles of Finance	3-0-3
MGT 301 Principles of Management	3-0-3
MGT 453 Operations Management	3-0-3
BUS 499 I Global Business Strategy	3-0-3

Finance Requirements:	18 hours
FIN 310 Investments	3-0-3
FIN 401 Intermediate Corporate Finance	3-0-3

Choose an additional **four** courses from the list below (at least 3 must have the FIN prefix):

ACC 301 Intermediate Accounting	3-0-3
ACC 331 Tax Topics	3-0-3
ECO 302 Intermediate Macroeconomics	3-0-3
FIN 331 Financial Markets, Institutions and Money	3-0-3
FIN 410 Portfolio Management/Investment Analysis	3-0-3
FIN 420 I Models and Cases in Managerial Finance	3-0-3
FIN 440 International Economics and Finance	3-0-3
FIN 455 Futures and Options Markets	3-0-3
FIN 460 Topics in Finance	3-0-3
FIN 498 Directed Study in Finance	3-0-3

No more than 50 percent of the courses used to satisfy the business core or major-specific classes can be transferred from another institution.

Use of information technology: Specific software and information technology requirements will be listed in individual course syllabi and an opportunity will be

provided during the first few weeks of a course to complete any computer-based training modules that were not completed earlier.

Business Minor (21 hours)

Business Minor Required Courses:		21 hours
ACC 201	Principles of Financial Accounting	3-0-3
ECO 110	Principles of Economics I	3-0-3
FIN 235	Personal Finance or	3-0-3
FIN 301	Principles of Finance*	3-0-3
MGT 301	Principles of Management	3-0-3
MKT 301	Principles of Marketing	3-0-3

Plus two courses chosen from ACC 202, BUS 210 or any 300-level or 400-level ACC, BUS, FIN, MGT or MKT courses for which all prerequisites have been met. A student completing the Business Minor must complete at least 9 hours in the minor at the 300 or 400 level. Students taking FIN 235 cannot take both ACC 202 and BUS 210.

*Prerequisite of ACC 201

Department of Animal Science

School of Mathematical and Natural Sciences

Majors Offered: Animal Science (B.S.), Minors Offered: Animal Science

Dana Professor Gallagher; Associate Professor Daniel and Wilson; Assistant Professors Caires, Fincham and Kitts; Senior Lecturer Goldberg.

Westcott Building, Room 203 Telephone: (706) 236-1737 FAX: (706) 236-2223

The department of animal science provides students with a firm foundation in the biological and natural sciences as they relate to animal science in preparation for meaningful, rewarding and challenging animal-related professions. The program is based on high academic standards. This department emphasizes student-centered learning as demonstrated by the laboratories that are associated with the classes. There also is the opportunity to work in one of the animal teaching/research units on campus as well as to participate in undergraduate research. The department supports and actively engages in community service projects.

Animal Science Major (65 hours)

The animal-science curriculum is designed for students interested in professional careers in animal-related industries. Completion of the animal-science program prepares students to pursue careers encompassing all aspects of the vast field of livestock production and management as well as related service industries.

The curriculum is designed with sufficient flexibility to provide ample preparation for postgraduate studies and research. Students are encouraged to complete specific courses within their areas of interest to enhance their knowledge and future success in a graduate

program. Undergraduate students also have the opportunity to conduct and present research with faculty members in the department.

A curriculum is available for students planning to apply for admission into a college of veterinary medicine. The program requirements are similar to those of the animal-science major. However, additional science courses must be completed in accordance with admission policies of colleges of veterinary medicine.

Core Requirements:		28 hours
ANS 120	Introduction to Animal Science	3-2-4
ANS 200	Livestock Feeding and Ration Formulation	3-2-4
ANS 322 I	Principles of Nutrition	3-0-3
ANS 324	Genetics of Livestock Improvement	3-2-4
ANS 326	Anatomy and Physiology	3-2-4
ANS 327	Reproductive Physiology	3-2-4
ANS 421 I	Animal Health and Diseases	3-2-4
ANS 491	Seminar	1-0-1

And four additional courses selected from:		12 – 16 hours
ANS 323	Forage Production	3-2-4
ANS 330	Comparative Exercise Physiology	3-0-3
ANS 331	Equine Evaluation	3-2-4
ANS 332	Companion Animal Science	3-2-4
ANS 422 I	Beef Systems and Management	3-2-4
ANS 423	Dairy Systems and Management	3-2-4
ANS 424	Horse Systems and Management	3-2-4
ANS 425	Swine and Poultry Systems and Management	3-0-3
ANS 426	Sheep Systems and Management	3-2-4
ANS 429 I	Behavior of Domestic Animals	3-2-4
ANS 433	Neural, Muscular and Renal Physiology	3-0-3
ANS 434	Cardiovascular, Pulmonary and Hepatic Physiology	3-0-3

Additional Math and Science Requirements:		24 hours
BIO 111	Principles of Cell Biology	3-2-4
BIO 202	Principles of Zoology	3-2-4
CHM 108	General Chemistry I	3-3-4
CHM 109	General Chemistry II	3-3-4
CHM 221	Organic Chemistry I	3-3-4
MAT 120	Precalculus or	4-0-4
MAT 201	Calculus or higher-level math	4-0-4

Animal science majors who choose to minor in chemistry will be exempt from the major requirements of completing CHM 108, 109 and 221.

Animal Science Minor

To earn a minor in Animal Science, students must complete 18 hours in courses with ANS prefix. Nine hours in courses numbered 300 or above must be taken in residence at

Berry.

Department of Biology

School of Mathematical and Natural Sciences

Majors Offered: Biology (Concentration I and II), Biology with Secondary Education Certification; Minor Offered: Biology

Professors Cipollini, and Conn; Reid Professor Graham; Associate Professors Davin, Hall, Morgan and Mowry; Assistant Professors Borer and Carleton; Lecturer Orloff
Science Center, Room 366B Telephone: (706) 236-1712 FAX: (706) 238-7855

Courses leading to a degree in biology are taken by students pursuing careers in research, teaching, and an array of professional vocations. Ecology, medical technology, genetics, paleontology, biotechnology, marine biology, optometry, medicine, veterinary medicine and dentistry are but a few specific fields chosen by the successful biology major. Almost all graduate schools and professional institutions require specific national entrance tests, and the majority of students pursuing advanced degrees or professional training will take either the Graduate Record Examination (GRE), the Medical College Admission Test (MCAT), the Veterinary College Admission Test (VCAT) or the Dental Admission Test (DAT). Because these tests include a significant biological component, the department has designed its introductory curriculum in part to reflect this coverage.

Individual programs, concentrating study in a particular area and including an internship or extended study at another institution or laboratory, such as marine biology, are available with appropriate administrative consent.

Research opportunities in biology are available through the student work program and BIO 498 (Directed Study), and cooperative projects can be arranged with other departments. Highly motivated seniors with an overall grade point average of 3.3 or better may choose to enroll in BIO 499, Senior Thesis, and conduct an original research project with a mentor of their choice. The department sponsors activities through the Biology Club, Sigma Xi and the Tau Alpha Chapter of Tri-Beta, a national biology honor society.

Biology Major Concentration I (67 hours) or Concentration II (63 hours)

Concentration I is designed for students planning to attend graduate or professional school in biology or the health sciences. **Concentration II** is for students who have interests other than graduate or professional school in biology or the health sciences (i.e. secondary education, science journalism, double majors, business minors).

Biology Core Requirements (both concentrations)		21 hours
BIO 111	Principles of Cell Biology	3-2-4
BIO 202	Principles of Zoology	3-2-4
BIO 204	Genetics	3-3-4

BIO 215	Principles of Microbiology and Botany	3-2-4
BIO 305	General Ecology	3-3-4
BIO 490	Seminar in Biology	1-0-1

Biology Elective Requirements (both concentrations) at least 19 hours

All students majoring in biology must take five additional elective biology courses at the 200 level or above (at least 19 semester hours). Fifteen hours numbered 300 and above must be taken in residence. Within this block of courses students may select those sub disciplines that best suit their needs. CHM 341 may be used as one of the five elective courses but may not also be used to count toward the chemistry major or minor.

Additional Science and Mathematics Requirements Concentration I: 27 hours

Chemistry	16 hours at the CHM 108 level or above. <i>Chemistry minors are exempt from this requirement.</i>
Mathematics	7 hours minimum (MAT 111 Statistics required, MAT 201 strongly encouraged.)
Physics	4 hours (PHY 111 or PHY 211 required; PHY 112 or 212 strongly encouraged.)

Additional Science and Mathematics Requirements Concentration II: 24 hours

Chemistry	4 hours at the CHM 108 level or higher. <i>Chemistry minors are exempt from this requirement.</i>
-----------	---

Math and Science Electives:

Five additional courses taken from ANS, AST, BIO, CHM, EVS, GEO, MAT or PHY. Only one of these electives may be chosen from the following: ANS 105, BIO 103, BIO 105, BIO 106, BIO 108 or PHY 101. Students may not use CHM 102 for this elective credit. CHM 341 may be used as an elective course, but will not count toward the chemistry major or minor. BIO 103 may not be used as the math and science elective credit if the major has first completed BIO 111. In addition, at least two of these courses must be non-BIO courses. Students having a minor in secondary education may substitute EDU 499 for one of the science electives.

A number of courses in marine biology are offered through the Gulf Coast Research Laboratory (GCRL), Ocean Springs, Mississippi, (www.usm.edu/gcrl) during the summer term. Students may register for the courses as a transient and up to two courses taken at GCRL will count as electives toward a major in biology.

The Berry College biology department is also affiliated with the Highlands Biological Station (www.wcu.edu/hbs/). One of these courses can count as a biology elective, with departmental approval.

Biology Major with Secondary Education Certification (99 hours)

Students planning to become certified to teach biology in Georgia public secondary schools must complete a major in biology and a minor in education. One course in microbiology, one course in plant biology, and one course in ethics should be

successfully completed to meet the National Science Standards for certification in teaching biology. Such courses include BIO 301, Microbiology; BIO 311WI, General Botany; or BIO 313WI, Forest Ecology; and PHI 358, Bioethics or PHI 359WI, Environmental Ethics. Other recommended courses include BIO 206, 303, 332WI, 341, 415, 482 and 483, and EVS 104. The student must be assigned an advisor in education in addition to her or his biology advisor.

Biology Core Requirements	21 hours
Biology Elective Requirements	At least 19 hours
Additional Science and Mathematics Requirements Concentration II	24 hours
Secondary Education Minor (see Teacher Education Department)	35 hours

Biology Minor (19 – 20 hours)

BIO 111	Principles of Cell Biology	3-2-4
BIO 202	Principles of Zoology	3-2-4
BIO 215	Principles of Microbiology and Botany	3-2-4
	Plus one of the following courses:	
BIO 204	Genetics	3-3-4
BIO 305	General Ecology	3-3-4
	Plus one additional biology course at the 200 level or above.	3 – 4 hours

Department of Chemistry

School of Mathematical and Natural Sciences

Majors Offered: Biochemistry (B.S.), Chemistry (B.S.), Biochemistry and Chemistry Majors Certified by the American Chemical Society, Chemistry (B.S.) with Secondary Education Certification; Minor Offered: Chemistry

Professor Breton; Dana Professor Earnest; Associate Professors Bressette and Martin; Visiting Associate Professor Bryson; Assistant Professors Davis, Hoke, Suroviec, and Qualley; Lecturer Aslam

Science Center, Room 305 Telephone: (706) 238-5856 FAX: (706) 238-7855

Chemistry is a molecular science. Modern chemistry is a broadly diverse science that is positioned at the interface of physics, biology and mathematics. The curriculum, which is one of only 16 chemistry programs in Georgia accredited by the American Chemical Society (ACS), combines a solid background in fundamental principles of chemistry with firsthand experiences using state-of-the-art laboratory equipment. Because of chemistry's centrality in the sciences, the chemistry and biochemistry majors are an excellent choice for those interested in a diverse range of careers, including medicine, dentistry, engineering, pharmacy, teaching or as a research scientist for government and industry. Students are highly encouraged to engage in research opportunities in a variety of chemical fields within the department through CHM 498. Students involved in research regularly travel to regional and national conferences with faculty members to present their research results, and many have had their research published in scholarly journals. Summer research opportunities both on and off campus are also available. The department

sponsors activities on and off campus through the student-affiliate club, which has received honors and commendations from the American Chemical Society in recent years.

Objectives for Major

The Chemistry and Biochemistry Bachelor of Science degrees prepare students for a wide variety of science-related careers. A sampling of these careers are provided on the Chemistry Department webpage under “Careers”

General-education Courses

Any course in chemistry with a laboratory component for which the student is prepared may be taken toward fulfillment of the general-education requirement in science. Chemistry 102, which is the chemistry general-education course taken by most non-science majors, may not be used to fulfill the requirements for a major or minor in any science area. Chemistry 250 may not be used to fulfill the requirements for a major or minor in any science area other than the environmental sciences.

American Chemical Society Certified Majors

Chemistry and Biochemistry majors have the option of obtaining a B.S. degree certified by the American Chemical Society (ACS). The ACS-approved program contains greater depth and is ideally suited for those wishing to pursue graduate or professional studies upon graduation; however, all majors would benefit from the more rigorous curriculum. Because the program requires a specific number of course and laboratory hours, students should consult with their advisors to ensure they will meet these requirements. The department will track each student’s progress toward the degree and will award a certificate from the American Chemical Society to the ACS-approved student upon graduation. Therefore, students who complete the ACS-approved program must notify the chemistry department chair.

Biochemistry Major (55 - 57 hours)

Required Foundational Courses:	20 hours
CHM 108 General Chemistry I	3-3-4
CHM 109 General Chemistry II	3-3-4
CHM 221 Organic Chemistry I	3-3-4
CHM 341 Biochemistry I	3-3-4
CHM 315 I Analytical Chemistry <i>or</i>	3-3-4
CHM 331 I Physical Chemistry: Foundations	3-3-4
Required In-Depth Courses:	12 – 13 hours
CHM 222 Organic Chemistry II	3-3-4
CHM 342 Biochemistry II	3-3-4
CHM 490 Seminar	1-0-1
and one additional chemistry WI course at the 300 level or higher	3 - 4 hours
Additional Science and Mathematics Requirements:	23 – 24 hours
PHY One-year college-level sequence	8 hours
MAT 201 Calculus I	4-0-4

MAT 203	Multivariable Calculus <i>or</i>	4-0-4
MAT 111	Elementary Statistics	3-0-3
BIO 111	Principles of Cell Biology	3-3-4
Plus one additional BIO course at the 200 level or higher		4 hours

Additional Requirements for a B.S. Biochemistry Degree Approved by the ACS

Students may elect to earn an optional certification by the American Chemical Society by completing the requirements for a Biochemistry degree and the following ACS requirements: MAT 203 (required as the second mathematics course in the major); &+0 315 WI, CHM 331 WI, and CHM 405 WI(required as foundational course) and further in-depth coursework (including CHM 498 and CHM 451) that provides the student with an additional 5 course credit hours and an additional 100 hours of laboratory experience. With prior permission and stipulations, research hours completed off campus or as part of the Work Experience Program may also count toward the requirement of in-depth laboratory hours. Students apply for certification through the Chemistry Department, and must consult with their academic advisor in the Chemistry Department as early as possible to ensure requirements are met.

Chemistry Major (51 – 53 hours)

Required Foundational Courses:		28 hours
CHM 108	General Chemistry I	3-3-4
CHM 109	General Chemistry II	3-3-4
CHM 221	Organic Chemistry I	3-3-4
CHM 315 I	Analytical Chemistry	3-3-4
CHM 331 I	Physical Chemistry: Foundations	3-3-4
CHM 341	Biochemistry I	3-3-4
CHM 405 I	Inorganic Chemistry	3-3-4
Required In-Depth Courses:		8 – 9 hours
CHM 222	Organic Chemistry II	3-3-4
CHM 490	Seminar	1-0-1
and 1 additional chemistry course at the 300 level or higher		3 - 4 hours
Additional Science and Mathematics Requirements:		15 – 16 hours
PHY	One-year college-level sequence	8 hours
MAT 201	Calculus I	4-0-4
MAT 203	Multivariable Calculus <i>or</i>	4-0-4
MAT 111	Elementary Statistics	3-0-3

Additional Requirements for a B.S. Chemistry Degree Approved by the ACS

Students may elect to earn an optional certification by the American Chemical Society by completing the requirements for a Chemistry degree and the following ACS requirements: MAT 203 (required as the second mathematics course in the major); CHM 332 (required as an in-depth course within the major); and further in-depth coursework (including CHM 498 and CHM 451) that provides the student with an additional 5 course

credit hours and an additional 100 hours of laboratory experience.

With prior permission and stipulations, research hours completed off campus or as part of the Work Experience Program may also count toward the requirement of in-depth laboratory hours. Students apply for certification through the Chemistry Department as early as possible to ensure requirements are met.

Chemistry Major with Secondary Education Certification (86 – 88 hours)

Students planning to become certified to teach chemistry in Georgia public secondary schools must complete a chemistry major and a minor in education. The student must be assigned an advisor in education in addition to her or his chemistry advisor. In order to become certified to teach chemistry in Georgia, students must pass the Georgia Assessments for the Certification of Educators (GACE). In addition to the requirements below, enrolling in BIO 111 and two upper-level biology courses is strongly encouraged.

Required Foundational Courses:		28 hours
CHM 108	General Chemistry I	3-3-4
CHM 109	General Chemistry II	3-3-4
CHM 221	Organic Chemistry I	3-3-4
CHM 315 I	Analytical Chemistry	3-3-4
CHM 331 I	Physical Chemistry: Foundations	3-3-4
CHM 341	Biochemistry I	3-3-4
CHM 405 I	Inorganic Chemistry	3-3-4

Required In-Depth Courses:		8 – 9 hours
CHM 222	Organic Chemistry II	3-3-4
CHM 490	Seminar	1-0-1
and 1 additional chemistry course at the 300 level or higher		3 - 4 hours

Additional Science and Mathematics Requirements:		15 – 16 hours
PHY	One-year college-level sequence	8 hours
MAT 201	Calculus I	4-0-4
MAT 203	Multivariable Calculus <i>or</i>	4-0-4
MAT 111	Elementary Statistics	3-0-3

Secondary Education Minor (see Teacher Education Department) **35 hours** 35 hours

Chemistry Minor (20 hours)

CHM 108	General Chemistry I	3-3-4
CHM 109	General Chemistry II	3-3-4
CHM 221	Organic Chemistry I	3-3-4
CHM 222	Organic Chemistry II	3-3-4

Plus 4 additional hours of Chemistry courses at the 300 level or above.

Department of Communication

Evans School of Humanities, Arts, and Social Sciences

Major Offered: Communication (B.A.) with a Concentration in Journalism, Public Relations, or Visual Communication; Minors Offered: Journalism, Public Relations, and Speech

Faculty: Professor K. Richardson; Associate Professors Carroll and Frank; Assistant Professor Peterson; Instructor Hersey; Lecturer and Student Publications Advisor Kleine; Lecturer and Director of Forensics R. Richardson; Visiting Assistant Professor and Assistant Director of Forensics Conrad

Laughlin 101 Telephone: (706) 233-4089

A major in communication is available with concentrations in journalism, public relations and visual communication. The major allows students to become well versed in a variety of digital communication technologies while remaining grounded in the liberal-arts tradition of communication studies. The curriculum offers students a well-rounded preparation in the theories, principles and skills needed for graduate study in mass communication and for the expanding opportunities in communication careers.

The goal of the communication major is to improve the writing, speaking, and visual-communication skills of students by providing instruction and practice in the skills needed in modern mass media; developing an overall understanding of the field of communication, including the history and organization of media, as well as their social, cultural and economic impacts; and instilling an appreciation of communication as an integral part of a liberal-arts education.

A communication major includes at least 39 hours. Students must complete the communication core and one of the major concentrations. Since only the Bachelor of Arts degree is offered for communication majors, all majors must complete the foreign-language requirement of that degree.

Communication Major with a Concentration in Journalism, Public Relations, or Visual Communications (39 hours)

Required Communication Core:		30 hours
COM 201	Foundations of Mass Communication	3-0-3
COM 300	Visual Rhetoric	3-0-3
COM 301	Reporting and Writing	2-2-3
COM 303	Editing	3-0-3
COM 305	Multimedia Production	2-2-3
COM 312	Contemporary Persuasion	3-0-3
COM 415 I	Theories of Communication	3-0-3
COM 416 I	Media Law	3-0-3
COM 450	Senior Seminar in Ethics	3-0-3
All COM majors must also complete at least three additional hours of either		3 hours

communication courses or a course selected from the following: EDU 260 (2 hrs), MGT 340, ENG 300, MKT 427*, ART 350, ART 351, or FLM 210. Majors are strongly encouraged to use COM 496 to satisfy this requirement.

Communication Concentration Requirements

Majors select *only one* concentration. To complete a concentration, students must complete at least nine hours from the indicated courses.

Journalism Concentration		At least 9 hours
COM 306	Public-Affairs Reporting	3-0-3
COM 322	Feature Writing	3-0-3
COM 329	Digital Storytelling	3-0-3
COM 331	Economics of News	3-0-3
COM 353	Photojournalism	2-2-3
COM 429 J	Seminar	3-0-3

Public Relations Concentration		At least 9 hours
COM 375	Principles of Public Relations	3-0-3
COM 380	Public Relations Writing	3-0-3
COM 385	Public Relations Cases and Campaigns	3-0-3
COM 390	Public Relations Administration	3-0-3
COM 417	Methods of Audience Analysis	3-0-3
COM 429 P	Seminar	3-0-3

Visual Communication Concentration		At least 9 hours
COM 302	Visual Media Criticism	3-0-3
COM 307	Commercial Photography and Production	3-0-3
COM 320	Programming and Distribution	3-0-3
COM 326	Scriptwriting and Copywriting	3-0-3
COM 405	Applied Graphic Design	2-2-3
COM 425	Narrative Video Production	2-2-3
COM 429 V	Seminar	3-0-3

Communication Minors (21 hours)

Communication majors will not be allowed to complete a minor in the same area as their major concentration. In addition, communication majors will not be allowed to minor in any communication minor whose list of courses contains more than three of the same courses required for the major core.

Journalism Minor		18 hours
COM 201	Foundations of Mass Communication	3-0-3
COM 300	Visual Rhetoric	3-0-3
COM 301	Reporting and Writing	2-2-3
COM 303	Editing	3-0-3
COM 305	Multimedia Production or	2-2-3

COM 353	Photojournalism	2-2-3
COM 306	Public-Affairs Reporting or	3-0-3
COM 322	Feature Writing	3-0-3

Communication majors may not minor in journalism.

Public Relations Minor Requirements		21 hours
COM 300	Visual Rhetoric	3-0-3
COM 301	Reporting and Writing	2-2-3
COM 303	Editing	3-0-3
COM 305	Multimedia Production	2-2-3
COM 375	Principles of Public Relations	3-0-3
and two additional courses from the following:		
COM 380	Public Relations Writing	3-0-3
COM 385	Public Relations Cases and Campaigns	3-0-3
COM 390	Public Relations Administration	3-0-3

Speech Minor		18 hours
18 hours selected from the following courses:		
COM 206	Voice and Diction Improvement	3-0-3
COM 302	Visual Media Criticism	3-0-3
COM 312	Contemporary Persuasion	3-0-3
COM 314	Oral Interpretation	3-0-3
COM 415 I	Theories of Communication	3-0-3
COM 416 I	Media Law	3-0-3
COM 429	Seminar in Communication	3-0-3

Department of Economics

Campbell School of Business

Majors Offered: Economics (B.A. or B.S.); Minor Offered: Economics

Faculty: Professors LeBlanc and Stephenson; Assistant Professors Heller and Yeoh

Economics examines how individuals and societies use their scarce resources. A method rather than a doctrine, economics is an apparatus of the mind which helps its possessors to draw correct conclusions. As such, the economic way of thinking has been applied to issues as diverse as global warming and crime and as timely as proposals for a national sales tax and the impact of free-trade agreements. Regardless of the issue considered, economics has social relevance; virtually every decision that individuals and societies make has an economic dimension. The Berry College economics faculty are committed teachers and scholars, bridging the liberal arts and business curricula. Courses in economics develop critical-thinking, writing and communication skills, thereby providing excellent preparation for careers or postgraduate studies. Economics majors often pursue careers in banking, business or public service. They typically earn high salaries relative to other majors. Economics also provides a sound basis for graduate study in economics, law or public policy; for example, economics majors routinely perform better than other majors on the Law School Admission Test. Whatever students' career ambitions,

economics is an interesting and intellectually stimulating field of study. This study is not limited to the classroom; economics students participate in many firsthand experiences such as study abroad, internships, and student research.

Students majoring in economics choose either the Bachelor of Arts degree or the Bachelor of Science degree. While the requirements for the two degrees are largely the same, this choice provides students the flexibility to tailor their course of study to their interests. In making the choice of degree, students should consult graduation requirements 3 and 4, page 46.

Economics Major: Bachelor of Science option (48 – 52 hours)

The requirements for the Bachelor of Science degree with a major in economics are summarized below:

Economics Pre-core:		12 - 13 hours
ECO 110	Principles of Economics I	3-0-3
ECO 210	Principles of Economics II	3-0-3
MAT 145	Applied Calculus or	3-0-3
MAT 201	Calculus I	4-0-4
MAT 111	Elementary Statistics or	
MAT 311*	Probability and Statistics	3-0-3
Students must earn a minimum grade of C- in each of the pre-core classes.		
*MAT 202 is a prerequisite for this course		

Economics Core Requirements:		12 hours
ECO 350	Economic Development or	3-0-3
ECO/FIN 440	International Economics and Finance	3-0-3
ECO 401	Microeconomics	3-0-3
ECO 402	Macroeconomics	3-0-3
ECO 420	Econometrics	3-0-3

Economics Electives:	15 hours
Fifteen hours of additional economics courses at the 300 level or higher.	

Additional Quantitative Courses Required:		9-12 hours
Three additional courses chosen from the following options:		
ACC 201	Principles of Financial Accounting	3-0-3
ACC 202	Principles of Managerial Accounting	3-0-3
BUS 211	Business Statistics	3-0-3
CHM 108	General Chemistry I	3-3-4
EVS 405	Environmental Science Methods	2-4-4
FIN 301	Principles of Finance	3-0-3
GEO 101	Physical Geology	3-2-4
MAT 202	Calculus II	4-0-4
MAT 203	Calculus III	4-0-4
MAT 303	Linear Algebra	3-0-3
MAT 311	Probability and Statistics (if not used for pre-core)	3-0-3
MKT 301	Principles of Marketing	3-0-3

Economics Major: Bachelor of Arts option (39 - 40 hours)

The requirements for the Bachelor of Arts degree with a major in economics follow:

Economics Pre-core:		12 - 13 hours
ECO 110	Principles of Economics I	3-0-3
ECO 210	Principles of Economics II	3-0-3
MAT 145	Applied Calculus or	3-0-3
MAT 201	Calculus I	4-0-4
MAT 111	Elementary Statistics or	
MAT 311*	Probability and Statistics	3-0-3

Students must earn a minimum grade of C- in each of the pre-core classes.
*MAT 202 is a prerequisite for this course

Economics Core Requirements:		12 hours
ECO 315	Economic History of the United States	3-0-3
ECO 350	Economic Development or	3-0-3
ECO/FIN 440	International Economics and Finance	3-0-3
ECO 401	Microeconomics	3-0-3
ECO 402	Macroeconomic	3-0-3

Economics Electives:		15 hours
Fifteen hours of additional economics courses at the 300 level or higher. Candidates for the Bachelor of Arts degree must also complete the foreign language requirement.		

Economics Minor

Requirements for a Minor in Economics:		18 hours
ECO 110	Principles of Economics I	3-0-3
ECO 210	Principles of Economics II	3-0-3
Plus 12 additional hours of economics classes chosen from the 300 or 400 level		

Department of English, Rhetoric and Writing

Evans School of Humanities, Arts and Social Sciences

Major Offered: English with a concentration in Literature, Secondary Education, or Writing (B.A.), English with Secondary Education Certification (B.A.); Minors Offered: English, Writing

Faculty: Dana Professor Meek; Professors Dasher, Tenger and Trolander; Associate Professors Bucher, Diller, Johnson, Mejia, Taylor, Watkins and Whelan; Visiting Assistant Professors Dominy, Greenbaum, Gregory and Quinlan;

Evans Hall, Room 225 Telephone: (706) 368-5625.

The English major introduces students to ethical, aesthetic, intellectual and cultural issues embodied in a wide variety of literary genres drawn from broad historical periods. The goal is to acquaint students with the English and American literary traditions, methods of textual analysis, the diversity of theoretical approaches to literature, and the history, structure and varieties of the English language.

A major in English requires 39 semester hours plus a final portfolio of work completed for the major. The department offers 200-level courses to introduce students to the British, American and world literary traditions as well as methods of literary research and analysis. Courses at the 300 and 400 levels concentrate on specific historical periods, genres, minority literatures and authors, and provide opportunities for in-depth study of literary texts.

English Major (all concentrations, 39 hours)

Students must complete the requirements of the English core plus one of the major concentrations. In addition, students are required to develop a portfolio of written work that represents significant successes in their career as an English Major at Berry College. This should be completed during the term just prior to the student’s graduation and must be approved by department faculty. All majors should consult with their advisor, the Department chair, and/or the department’s Curriculum Committee Chair for more information about the portfolio assessment.

English Core	21 hours
ENG 240 Introduction to Literary Studies	3-0-3
ENG 337 Western Literary Tradition	3-0-3
Complete one 300-level course in British literature, pre-1800	
ENG 316 Medieval Literature	3-0-3
ENG 318 Renaissance Literature	3-0-3
ENG 323 Restoration and 18th-Century Literature	3-0-3
Complete one 300-level course in British literature, post-1800	
ENG 325 Romantic Literature	3-0-3
ENG 327 Victorian Literature	3-0-3
ENG 329 Modern British Literature	3-0-3
Complete one 300-level course in American literature	
ENG 333 I American Romanticism and Transcendentalism	3-0-3
ENG 334 I American Realism and Naturalism	3-0-3
ENG 335 I Twentieth-Century American Literature	3-0-3
Complete one 300-level course in multicultural literature	
ENG 331 I Contemporary Literature	3-0-3
ENG 332 Postcolonial Literature	3-0-3
ENG 339 I African American Literature	3-0-3
ENG 342 Women’s Literature	3-0-3
Complete one 400-level “Studies” course	
ENG 418 Studies in Cinema	3-0-3
ENG 420 I Studies in Literary Criticism and Theory	3-0-3
ENG 422 Studies in Major Author(s)	3-0-3
ENG 424 Studies in Theme	3-0-3

ENG 426 I	Studies in Genre	3-0-3
ENG 428	Topics in Literature and Language	3-0-3
ENG 432 I	Studies in Southern Literature	3-0-3
ENG 434	Studies in Linguistics	3-0-3

Students must choose one of the following concentrations in order to complete the requirements for the major.

Literature Concentration **18 hours**

ENG 401 I	Shakespeare	3-0-3
-----------	-------------	-------

Complete one additional 300-level course in British Literature from the following:

ENG 316	Medieval Literature	3-0-3
ENG 318	Renaissance Literature	3-0-3
ENG 323	Restoration and 18th-Century Literature	3-0-3
ENG 325	Romantic Literature	3-0-3
ENG 327	Victorian Literature	3-0-3
ENG 329	Modern British Literature	3-0-3

Complete one additional 300-level course in American Literature from the following:

ENG 333 I	American Romanticism and Transcendentalism	3-0-3
ENG 334 I	American Realism and Naturalism	3-0-3
ENG 335 I	Twentieth-Century American Literature	3-0-3

Complete one additional “Studies” course from the following:

ENG 418	Studies in Cinema	2-2-4
ENG 420 I	Studies in Literary Criticism and Theory	3-0-3
ENG 422	Studies in Major Author(s)	3-0-3
ENG 424	Studies in Theme	3-0-3
ENG 426 I	Studies in Genre	3-0-3
ENG 428	Topics in Literature and Language	3-0-3
ENG 432 I	Studies in Southern Literature	3-0-3
Two 3-hour English electives		6 hours

Secondary Education Concentration **18 hours**

ENG 204	Introduction to Linguistics	3-0-3
ENG 401 I	Shakespeare	3-0-3
ENG 427	Young Adult Literature	3-0-3

One course in writing from the following:

ENG 300	Writing for Online Environments	3-0-3
ENG 301	Introduction to Creative Writing: Poetry	3-0-3
ENG 302	Introduction to Creative Writing: Fiction	3-0-3
ENG 303 I	Advanced Rhetoric and Writing	3-0-3
ENG 305	Creative Writing: Creative Nonfiction	3-0-3
ENG 306	Principles of Writing Pedagogy	3-0-3
Two 3-hour English electives		6 hours

Writing Concentration		18 hours
ENG 301	Introduction to Creative Writing: Poetry	3-0-3
ENG 302	Introduction to Creative Writing: Fiction	3-0-3
And either:		
ENG 303 I	Advanced Writing and Rhetoric, or	3-0-3
ENG 300	Writing for Online Environments	3-0-3
And either:		
ENG 470	Advanced Creative Writing: Poetry or	3-0-3
ENG 471	Advanced Creative Writing: Fiction	3-0-3

One additional English course in writing from the following:

ENG 303 I	Advanced Writing and Rhetoric	3-0-3
ENG 300	Writing for Online Environments	3-0-3
ENG 304	Introduction to Playwriting	3-0-3
ENG 305	Creative Writing: Creative Nonfiction	3-0-3
ENG 306	Principles of Writing Pedagogy	3-0-3
ENG 470	Advanced Creative Writing: Poetry	3-0-3
ENG 471	Advanced Creative Writing: Fiction	3-0-3
ENG 490	Writer's Tutorial	3-0-3
	One English elective	3 hours

English with Secondary Education Certification Requirements (71 hours)

English Core (listed above)	21 hours
Secondary Education Concentration (listed above)	18 hours
Secondary Education Minor (see Teacher Education Department)	35 hours

English Minor Requirements (18 hours)

A minor in English requires two courses (6 hours) at the 200 level and four additional courses (12 hours), of which at least nine hours must be taken at the 300 or 400 level.

Writing Minor Requirements (18 hours)

Students who minor in writing but who also want to major in English may do so only if they choose either the Literature or Secondary Education Concentrations.

The Writing Minor consists of 18 hours chosen from the following courses:

ENG 300	Writing for Online Environments	3-0-3
ENG 301	Introduction to Creative Writing: Poetry	3-0-3
ENG 302	Introduction to Creative Writing: Fiction	3-0-3
ENG 303 I	Advanced Rhetoric and Writing	3-0-3
ENG 304	Introduction to Playwriting	3-0-3
ENG 305	Creative Writing: Creative Nonfiction	3-0-3
ENG 306	Principles of Writing Pedagogy	3-0-3
ENG 470	Advanced Creative Writing: Poetry	3-0-3

ENG 471	Advanced Creative Writing: Fiction	3-0-3
ENG 490	Writer's Tutorial	3-0-3
ENG 200	Rhetoric and Writing Practicum	1 - 3 hours
COM 301	Reporting and Writing	3-0-3
COM 322	Feature Writing	3-0-3

Environmental Sciences Program

Majors Offered: Environmental Science with a concentration in Biology, Chemistry, Geoscience, or Public Policy

Faculty: Coordinator and Associate Professor Davin. Also, faculty of the departments offering concentrations. Science Center, Room 366A Telephone: (706) 290-2663

The environmental-sciences major at Berry College is an interdisciplinary program for the study of the earth's environment and human interactions with that environment. All students in the program take courses that address environmental issues from natural science, sociocultural and economic perspectives. Each student also chooses an area of concentration that focuses on biology, chemistry, geoscience or public policy. The remaining required courses in the upper-level curriculum are selected in consultation with the student's advisor to address a specific area of interest or career objective. A flexible combination of courses allows students majoring in environmental sciences a broad-spectrum curriculum that would be difficult to obtain in more traditional science or social-science programs.

Like all liberal-arts degrees, the Bachelor of Science, with a major in environmental sciences, is not a vocational or professional degree. It is not designed to provide training for a specific career. By providing an in-depth understanding of environmental issues, however, the curriculum in environmental sciences prepares a student for graduate studies in environmental or related sciences, for regulatory governmental positions or for other jobs in the industrial, corporate, service or education sectors that require interdisciplinary training. The environmental-sciences program also gives students opportunities for internships, directed or independent studies, cooperative research with faculty, and summer studies at the Gulf Coast Research Laboratory in Ocean Springs, Mississippi, or the Highlands Biological Station in Highlands, North Carolina.

Environmental Sciences Major Requirements: Biology Concentration (68 hours), Chemistry Concentration (65 hours), Geoscience Concentration (64 hours), or Public Policy Concentration (64 hours)

Each student must complete the core requirements listed below, the appropriate elective courses, and the designated courses for one area of concentration.

Core Requirements		33 hours
BIO 202	Principles of Zoology or	3-2-4
BIO 215	Principles of Microbiology and Botany	3-2-4
CHM 108	General Chemistry I	3-3-4
ECO 110	Principles of Economics I	3-0-3
EVS 104	Introduction to Environmental Sciences	3-2-4

EVS 405	Environmental Sciences Methods	2-4-4
EVS 490	Environmental Sciences Seminar	1-0-1
GEO 101	Physical Geology	3-2-4
GOV 211	American National Government	3-0-3
MAT 111	Elementary Statistics	3-0-3
PHI 359 I	Environmental Ethics	3-0-3

Elective Courses **8 hours**

Students in the Biology, Chemistry, and Geosciences Concentration choose 8 hours from the following courses:

ANT 200	Cultural Anthropology	3-0-3
BUS 210	Legal Environment of Business	3-0-3
COM 301	Writing for the Mass Media	2-2-3
ECO 470	Environmental Economics*	3-0-3
EVS 496	Academic Internship	
GOV 207	Contemporary World Issues	3-0-3
SOC 355	Environmental Sociology*	3-0-3

Students in the Public Policy Concentration choose 8 hours from the following courses:

BIO 305	General Ecology	3-3-4
BIO 482	Coral Reef Ecology	2-4-4
BIO 483	Tropical Biodiversity	2-4-4
CHM 109	General Chemistry II*	3-3-4
EVS 496	Academic Internship	
GEO 320	Environmental Geology*	3-3-4
GEO 360	Geomorphology	3-3-4

*Please check catalog listing for prerequisites.

Areas of Concentration

Each area of concentration is offered and administered by an individual department or a group of departments working jointly. Each area of concentration requires at least 18 hours, but not more than 27 hours.

Concentration in Biology **27 hours**

BIO 111	Principles of Cell Biology	3-2-4
BIO 305	General Ecology	3-3-4
BIO 405	Conservation Biology	3-3-4

Plus a minimum of 15 hours of BIO at the 200 level or above. The electives may include up to two courses from the Gulf Coast Research Laboratory or at the Highlands Biological Station (see Biology Major).

Concentration in Chemistry **24 hours**

CHM 109	General Chemistry II	3-3-4
CHM 221	Organic Chemistry I	3-3-4
CHM 222	Organic Chemistry II	3-3-4
CHM 315 I	Analytical Chemistry	3-3-4

Plus a minimum of two additional courses chosen from the following:

CHM 341	Biochemistry I	3-3-4
BIO 305	General Ecology	3-3-4
BIO 383	Tropical Biodiversity	3-3-4
BIO 482	Coral Reef Ecology	3-3-4
GEO 320	Environmental Geology	3-3-4
GEO 420	Hydrology	3-3-4
PHY 111	General Physics I with Algebra	3-3-4

Concentration in Geoscience **23 hours**

GEO 320	Environmental Geology	3-3-4
GEO 360	Geomorphology	3-3-4
GEO 420	Hydrology	3-2-4
CHM 250	Environmental Chemistry	3-3-4

Plus a minimum of 7 hours chosen from the following (only one course may be taken at the 100 level):

BIO 305	General Ecology	3-3-4
CHM 109	General Chemistry II	3-3-4
CHM 221	Organic Chemistry I	3-3-4
CHM 315 I	Analytical Chemistry	3-3-4
GEO 102	Historical Geology	3-2-4
GEO 155	Geology Field Studies Abroad	2-3-4
GEO 350	Advanced Topics in Geology	1 - 4 hours
PHY 111	Mechanics, Heat and Sound	3-2-4

Geoscience electives may include Oceanography, offered summers at the Gulf Coast Research Laboratory (GCRL) in Mississippi

Area of Concentration in Public Policy **24 hours**

SOC 200	Introduction to Sociology or	
ANT 200	Cultural Anthropology	3-0-3
ECO 210	Principles of Economics II	3-0-3
ECO 430	Public Economics	3-0-3
ECO 470	Environmental Economics	3-0-3
GOV 420 I	Public Administration and Public Policy	3-0-3
SOC 355	Environmental Sociology	3-0-3

One of the following:

ECO 420	Introduction to Econometrics	3-0-3
GOV 393 I	Social Science Research Methods	3-0-3
SOC 305 I	Social Science Research Methods	3-0-3

One of the following:

GOV 331	International Political Economy	3-0-3
GOV 411	International Law and Organizations	3-0-3

Family Studies

Minor Offered: Family Studies

Faculty: Professors Bell and Jory; Associate Professors Allred, Haney, Johnson-Pynn and

Johnston. Cook Building, Room 261 Telephone: (706) 290-2640

Family Studies focuses on marriage and family education, family intervention services, and family policies. The goal of Family Studies is to improve all types of families by applying scientific methods to questions about intimacy, relationships, parenting, dating, marriage development, sexuality, and diverse family forms. Students can minor in family studies by declaring the minor through their academic advisor. The minor attracts students from many majors across campus, including religion, literature, psychology, sociology, history, communication, business and early childhood education. For information, contact Dr. Brian Jory, Director of Family Studies, bjory@berry.edu.

Family Studies Minor Requirements (18 hours)

FAM 230	Marriage and Family	3-0-3
FAM 330 I	Family Problems and Intervention	3-0-3
FIN 225	Personal Finance	3-0-3
PSY 221 I	Life-Span Developmental Psychology	3-0-3
and at least two of the following courses:		
FAM 300	Family Life Education	3-0-3
FAM 440	Child and Family Policies	3-0-3
FAM 496	Academic Internship	3 hours
PSY 342	Child and Adolescent Psychology	3-0-3
PSY 390	Adulthood and Aging	3-0-3
SOC 350	Sociology of the Family	3-0-3

Film Studies

Minor Offered: Film Studies

Faculty: Professor Trolander; Associate Professors Anton, Bucher and Countryman; Assistant Professor Mejia; Evans 230 Telephone: (706) 233-4076

The minor in film is interdisciplinary and is not administered through a specific academic department. Its faculty is drawn from disciplines throughout the humanities, the arts and the social sciences. The minor has been designed to reflect the recent explosion of scholarly interest in film, as well as the diverse cultural responses to the medium. While the aesthetic appreciation of the medium is the minor's point of departure, the student can expect to take courses emphasizing film as a document of social history or as a research tool for examining differences in culture.

Students in film will acquire skills for its formal and semiotic analysis, as well as an appreciation for its incredibly rich historical development. Minors will also come to see cinema as a significant historical force in its own right. Students can expect to take courses that range from historical surveys to surveys of particular film genres, from courses that focus on a specific director to courses in cinematic adaptation of literary genres.

The minor in film is appropriate for anyone wishing to gain an in-depth appreciation of a medium that pervades the modern psyche and popular imagination. It is particularly useful to those students whose major interests are in film or video production, media studies, English or

foreign literatures, theatre, music and history. Directed readings that treat specific directors, national cinemas, cinematic genres or special projects can be arranged.

Students who initiate course work in their sophomore year can complete the minor by graduation. Students interested in the minor should contact one of the faculty listed above.

Film Studies Minor Requirements (18 hours)

FLM 210	Introduction to Film	3-0-3
FLM 301	Film as History	3-0-3
FLM 350	Topics in the History of Film	3-0-3
FLM 418	Special Topics in Film	3-0-3

Students minoring in film must also complete an additional six hours in FLM 350 and/or FLM 418.

Department of Fine Arts

Evans School of Humanities, Arts and Social Sciences

Majors Offered: Art (B.A.) with a concentration in Art History, Art Education with P-12 Certification, or Studio Art, Music (B.A.), Music in Education (B.M.), Music with Business Studies (B.M.), and Theatre (B.A.). Minors Offered: Art, Dance, Music, and Theatre

Faculty: Professors Davis and Pethel; Associate Professors Adams, Boy, Bristow, Carlisle Countryman, Garrido, Lykins and Troy; Assistant Professor and Artist-in-Residence Hayes; Visiting Assistant Professors Dreyer and Ciric; Senior Lecturer Musselwhite; Lecturers Baker, Elkins, and Schul;; Instructors Enloe, Fisher, Nobles, Watson, and Williams

Art

Moon Building, Room 104 Telephone: (706) 233-4089, 238-5841, 290-2155 or 290-2692;

The major in art leading to the Bachelor of Arts degree is available in three concentrations: studio art, art history and art education. Each concentration is designed to promote the study, creation, and exhibition of visual arts or the examination of their history in a liberal arts environment.

The curriculum leading to a concentration in studio art or art history requires a minimum of 39 semester hours (including the 24-hour art core). ART 450, Senior Thesis, is required of all B.A. candidates electing a concentration in studio art or art history. Studio candidates prepare a body of work presented in a one-person exhibition or portfolio for their thesis; students in art history prepare a written thesis. Berry College reserves the right to select and retain a work of art from the senior-thesis show and to make that work of art a part of the permanent student-art collection at the college.

Teacher certification is available in art. Students wishing to pursue teacher certification should minor in education and select a member of the education faculty to serve as a second advisor.

The curriculum leading to the Bachelor of Arts (art history and studio art concentrations) requires a minimum of 42 semester hours; the art-education concentration requires a minimum of 39 semester hours (including the 24-hour art core) and is planned to meet requirements of the State of Georgia for preschool through 12th-grade teacher certification in art. Students pursuing this option must seek the advice of the Berry College Charter School of Education and Human Sciences. The students must take the professional-education sequence (including ART 304) and satisfy requirements of the Georgia Department of Education for course work in specific art-content areas. All B.A. majors in the department of art are required to complete the foreign-language requirement for that degree.

Affiliated with the art program is the Moon Gallery, which houses student exhibitions and exhibitions by professional artists. Each year artists of national and international stature visiting the campus enrich the program for all students pursuing art courses.

Art Major: Studio-art & Art-history Concentrations (42 hours)

Required Art Core (all concentrations)	21 hours
ART 102 Two-Dimensional Design	2-2-3
ART 201 Survey of Art I	3-0-3
ART 202 Survey of Art II	3-0-3
ART 220 Drawing	2-2-3
ART 284 Hand Building Clay	2-2-3
ART 404 I Early 20 th Century Art	3-0-3
ART 405 I Art After 1945	3-0-3

Required Courses for Studio-Art Concentration:	21 hours
ART 415 Advanced Studio Problems	3-0-3
ART 450 Senior Thesis	3-0-3

Students must also select 15 hours from the following courses:

ART 228 Topics in Art	1 – 3 hours
ART 321 Figure Drawing	2-2-3
ART 327 Web Design I	3-0-3
ART 329 Advanced Special Topics in Art	1 – 3 hours
ART 340 Graphic Design	3-0-3
ART 350 Light Media	2-2-3
ART 351 Digital Imaging	2-2-3
ART 379 Throwing Clay	2-2-3
ART 382 Printmaking	2-2-3
ART 384 Painting	2-2-3
ART 385 Intermediate Printmaking	2-2-3
ART 386 Works on Paper	2-2-3
ART 388 Painting Workshop	2-2-3
ART 389 Advanced Clay	2-2-3
ART 496 Academic Internship	3 - 12 hours

ART 498	Directed Study	1 - 3 hours
---------	----------------	-------------

Required Courses for the Art History Concentration: 18 hours

ART 450	Senior Thesis	3-0-3
---------	---------------	-------

Students must also select 15 hours from the following courses:

ART 228	Special Topics in Art	1-3 hours
---------	-----------------------	-----------

ART 329	Advanced Special Topics in Art	1-3 hours
---------	--------------------------------	-----------

ART 320	Renaissance Art	3-0-3
---------	-----------------	-------

ART 330	Pre-Columbian and Latin American Art	3-0-3
---------	--------------------------------------	-------

ART 408	Nineteenth-Century Art	3-0-3
---------	------------------------	-------

ART 420	Art Theory and Criticism	3-0-3
---------	--------------------------	-------

ART 413	Women and Art	3-0-3
---------	---------------	-------

ART 496	Academic Internship	3 - 12 hours
---------	---------------------	--------------

ART 498	Directed Study	1 - 3 hours
---------	----------------	-------------

Art Major (Art Education concentration) with P – 12 Education Certification (76 hours)

Art-education students are required to have an education faculty member as their secondary advisor. In addition to the art concentration, they take the professional-education sequence (education minor) to obtain certification for Preschool – 12.

Required Art Core (all concentrations) 21 hours

ART 102	Two-Dimensional Design	2-2-3
---------	------------------------	-------

ART 201	Survey of Art I	3-0-3
---------	-----------------	-------

ART 202	Survey of Art II	3-0-3
---------	------------------	-------

ART 220	Drawing	2-2-3
---------	---------	-------

ART 284	Hand Building Clay	2-2-3
---------	--------------------	-------

ART 404 I	Early 20 th Century Art	3-0-3
-----------	------------------------------------	-------

ART 405 I	Art After 1945	3-0-3
-----------	----------------	-------

Required Courses for Art-Education Concentration: 18 hours

ART 304	Art Education	2-2-3
---------	---------------	-------

ART 321	Figure Drawing	2-2-3
---------	----------------	-------

ART 350	Light Media	2-2-3
---------	-------------	-------

ART 379	Throwing Clay	2-2-3
---------	---------------	-------

ART 382	Printmaking	2-2-3
---------	-------------	-------

ART 384	Painting	2-2-3
---------	----------	-------

Required education courses: 35 hours

EDU 102	Orientation to Teacher Education	1-0-1
---------	----------------------------------	-------

EDU 206	Foundations of Education and Psychology	3-2-4
---------	---	-------

EDU 221	Exploration in Diverse Cultures Seminar	1-0-0
---------	---	-------

EDU 222	Exploration in Diverse Cultures	1-4-3
---------	---------------------------------	-------

EDU 380	Curriculum and Methods for Secondary Education	3-2-4
---------	--	-------

EDU 405	Instructional Management	2-0-2
---------	--------------------------	-------

EDU 489	Senior Practicum	2 hours
---------	------------------	---------

EDU 490	Professional Seminar	1-0-1
---------	----------------------	-------

EDU 499	Student Teaching	9 hours
PSY 423	Introduction to Exceptional Children and Youth	1-0-1
PSY 424	Psychology and Education of Exceptional Children and Youth or	2-0-2
PSY 434	Psychology and Education of Exceptional Children and Youth	3-0-3

It is required that art-education majors add the following course work necessary for the ESOL endorsement to their certification:

ENG 204	Introduction to Linguistics	3-0-3
EDU 495	Teaching of English as a Second Language: Methods and Materials	3-0-3

Art Minor Requirements (21 hours)

A minor in art consists of 21 semester hours. At least 9 semester hours must be in courses numbered 300 or above.

Required courses:		12 hours
ART 102	Two-Dimensional Design	2-2-3
ART 201	Survey of Art I or	3-0-3
ART 202	Survey of Art II	3-0-3
ART 220	Drawing	2-2-3
Any 300- or 400-level art history course		3-0-3
Elective Courses:		9 hours
Select an additional 9 hours of art courses, at least two of which must be at the 300 level or higher.		

Dance

Dance Minor Requirements (20 hours)

Required courses:		13 hours
DAN 202	Dance Performance (enroll at least once)	0-2-1
DAN 210	Dance Composition I: Improvisation	3-0-3
DAN 307	Dance Composition II: Choreography	3-0-3
DAN 410	Dance History	3-0-3
DAN 420	Dance Pedagogy	3-0-3
Required Technique Courses:		4 hours
Students must complete four courses in three different areas:		
DAN 152	Modern I	0-2-1
DAN 153	Modern II	0-2-1
DAN 156	Ballet I	0-2-1
DAN 157	Ballet II	0-2-1
DAN 158	Tap I	0-2-1
DAN 159	Tap II	0-2-1

DAN 167	Jazz I	0-2-1
DAN 168	Jazz II	0-2-1
DAN 123	Ballroom I	0-2-1
DAN 143	Ballroom II	0-2-1

Elective Courses (choose one):		3 hours
DAN 220	Music for Dancers	3-0-3
THE 261	Costuming & Makeup	3-0-3
DAN 308	Children's Creative Dance	3-0-3
DAN 306	Survey of Dance	3-0-3

Music

Ford, Room 215 Telephone: (706) 236-2289; Fax: (706) 238-7847

The mission of the Berry College music program is to educate students in the discipline of music and to provide quality musical experiences for all Berry students. It seeks to prepare students for professional careers in music and to provide all interested students and community members with opportunities to appreciate, enjoy and participate in musical performances. Students are admitted to the music program by audition; financial aid is available.

The Music program offers three distinct majors: a Bachelor of Arts in Music, a Bachelor of Music in Education, and a Bachelor of Music with Elective Studies in Business. Students majoring in the Bachelor of Arts degree in Music must complete a foreign language through the intermediate level. Students majoring in Music Education are required to take the professional-education sequence. Students majoring in Music with Elective Studies in Business must complete the required courses in business.

All music majors are required to participate in at least one major performing group each semester of enrollment.

Music Major (B.A.) Requirements (49 hours)

Music Theory		17 hours
MUS 101	Elementary Theory	3-0-3
MUS 102	Elementary Theory	3-0-3
MUS 201	Intermediate Theory	3-0-3
MUS 202	Intermediate Theory	3-0-3
MUS 301	Form and Analysis	2-0-2
MUS 302	Composition and Arranging	3-0-3
*Music History and Literature		10 hours
MUS 347	Literature and History of Music I	2-0-2
MUS 348 I	Literature and History of Music II	3-0-3
MUS 349 I	Literature and History of Music III	3-0-3

MUS 355 World Music 2-0-2
 *Three hours of music history may be used to satisfy the fine-arts general education requirement, and three hours of either 348 I or 349 I may be counted toward the humanities elective requirement in the general-education requirement for graduation for all music degrees

Applied Music Lessons (2 per semester for 7 semesters) **14 hours**

Electives **8 hours**

Music in Education Major (B.M., 88 hours)

Music Theory **17 hours**

MUS 101	Elementary Theory	3-0-3
MUS 102	Elementary Theory	3-0-3
MUS 201	Intermediate Theory	3-0-3
MUS 202	Intermediate Theory	3-0-3
MUS 301	Form and Analysis	2-0-2
MUS 302	Composition and Arranging	3-0-3

***Music History and Literature** **10 hours**

MUS 347	Literature and History of Music I	2-0-2
MUS 348 I	Literature and History of Music II	3-0-3
MUS 349 I	Literature and History of Music III	3-0-3
MUS 355	World Music	2-0-2

*Three hours of music history may be used to satisfy the fine-arts general education requirement, and three hours of either 348 I or 349 I may be counted toward the humanities elective requirement in the general-education requirement for graduation for all music degrees

Applied Music Lessons (2 per semester for 7 semesters) **14 hours**

Music Track Courses **19 hours**

Students choose one track from those listed below. For those students pursuing two applied music tracks, 19 hours will be selected with the approval of the department chair.

Instrumental-major track **Hours**

MUS 191/192/193/194	Instrumental Methods	8
MUS 195	Voice Class	1
MUS 196-19, 296-297	Piano	4
MUS 328 and 329	Conducting	4
MUS 422	Band literature	2

Piano-major track

MUS 190	Instrumental Training	2
MUS 195	Voice Class	1

MUS 328 and 329	Conducting	4
†MUS 439	Choral Literature	3
†MUS 447	Piano Methods	3
†MUS 450	Piano Literature	3
MUS Electives		3

Voice-major track

MUS 190	Instrumental Training	2
MUS 196-197, 296-297	Piano	4
MUS 328 and 329	Conducting	4
MUS 439	Choral Literature	3
MUS 444	Vocal Literature	3
MUS Electives		3

Required Education Courses 28 hours

EDU 102	Orientation to Teacher Education	1-0-1
EDU 206	Foundations of Education and Psychology (Grades 4-12; includes field experience)	3-2-4
EDU 221	Exploration in Diverse Cultures Seminar	1-0-0
EDU 222	Exploration in Diverse Cultures	1-4-3
EDU 489	Senior Practicum	2 hours
EDU 490	Professional Seminar	1 hour
EDU 499	Student Teaching II	9 hours
MUS 305	Music Curriculum (includes field experience)	2-2-3
MUS 402	Music Education	2-0-2
PSY 423	Introduction to Exceptional Children and Youth	1-0-1
PSY 424	Psychology and Education of Exceptional Children and Youth or	2-0-2
PSY 434	Psychology and Education of Exceptional Children and Youth	3-0-3

NOTE: For state certification in music, field experiences at elementary, middle-grades and secondary levels are required. Students should do field experience for EDU 206 and MUS 305 in an area different from that of student teaching. It is highly recommended that music-education majors add the coursework necessary for the ESOL endorsement to their certification: ENG 204 Introduction to Linguistics and EDU 495 Teaching of English as a Second Language: Methods and Materials.

Music Major (B.M) with Elective Studies in Business (81 hours)

Music Theory		17 hours
MUS 101	Elementary Theory	3-0-3
MUS 102	Elementary Theory	3-0-3
MUS 201	Intermediate Theory	3-0-3
MUS 202	Intermediate Theory	3-0-3
MUS 301	Form and Analysis	2-0-2

MUS 302	Composition and Arranging	3-0-3
---------	---------------------------	-------

***Music History and Literature** **10 hours**

MUS 347	Literature and History of Music I	2-0-2
MUS 348 I	Literature and History of Music II	3-0-3
MUS 349 I	Literature and History of Music III	3-0-3
MUS 355	World Music	2-0-2

*Three hours of music history may be used to satisfy the fine-arts general education requirement, and three hours of either 348 I or 349 I may be counted toward the humanities elective requirement in the general-education requirement for graduation for all music degrees

Advanced Music Courses **8 hours**

MUS 390	Music Industry	2-0-2
MUS 496	Academic Internship	6 hours

Applied Music Lessons (2 per semester for 7 semesters) **14 hours**

Music Track Courses **11 hours**

Students choose one track from those listed below. For those students pursuing two applied music tracks, 11 hours will be selected with the approval of the department chair.

Instrumental-major track Hours

MUS 190	Instrumental Training	2
MUS 196-197, 296-297	Piano	4
MUS 328 or 329	Conducting	2
Electives		3

Piano-major track

MUS 190	Instrumental Training	2
MUS 328 or 329	Conducting	2
†MUS 450	Piano Literature	3
Electives		4

Voice-major track

MUS 190	Instrumental Training	2
MUS 196-197, 296-297	Piano	4
MUS 328 or 329	Conducting	3
MUS Electives		3

Required Business Courses **21 hours**

Business Minor Pre-core Courses		6 hours
ACC 201	Principles of Financial Accounting	3-0-3
ECO 110	Principles of Economics I (general education)	3-0-3

Required Business Minor Core Courses	9 hours
--------------------------------------	---------

FIN 235 or 301*	Personal Finance or Principles of Finance	3-0-3
MGT 301	Principles of Management	3-0-3
MKT 301	Principles of Marketing	3-0-3

* This course has a prerequisite of ACC 201

Business Minor Elective Courses 6 hours
 Two courses chosen from ACC 202, BUS 210 or any 300-level or 400-level ACC, BUS, FIN, MGT or MKT courses for which all prerequisites have been met. A student completing the Business Minor must complete at least 9 hours in the minor at the 300 or 400 level. Students taking FIN 235 cannot take both ACC 202 and BUS 210. Students must meet the prerequisites of the individual business courses.

Music Minor (20 hours)

A music minor will consist of at least 20 semester hours in music, to be approved in advance by a music advisor, at least nine hours of which may not satisfy other general-education or major requirements. Applied, historical, theoretical and performance areas are included in this program. Music minors are required to participate in Wind Ensemble/Orchestra (MUS 131), Women's Ensemble (MUS 115) or Concert Choir (MUS 111) for a minimum of four semesters. MUS 131, MUS 115 and MUS 111 may be repeated for credit.

Required courses		10 hours
MUS 101	Elementary Theory	3-0-3
MUS 102	Elementary Theory	3-0-3
MUS 247	Introduction to Music History and Related Literature	2-0-2
MUS 328	Conducting	2-0-2
Applied Lessons	4 hours (minor credit)	
Elective Courses	6 hours selected from	
MUS 190	Instrumental Training	2-0-2
MUS 195	Voice Class	1-0-1
MUS 196/197	Class Piano	2-0-1
MUS 320	Musical Theatre	3-0-3
MUS 301	Form and Analysis	2-0-2
MUS 302	Composition and Arranging	3-0-3
MUS 346	Women in Music	3-0-3
MUS 348 I	Literature and History of Music II or	
MUS 349 I	Literature and History of Music III	3-0-3
MUS 355	World Music	2-0-2

Applied Music Requirements

For all music majors, two hours of credit per semester represent a one-hour-length lesson per week. Individual practice time is required for lessons. A senior recital is required at the 400 level. For majors in music education and music with elective studies in business, a half-hour-length recital is required. For the Bachelor of Arts with a major in music, a 50-minute recital is required.

Major credit is established through individual examinations, called juries, held at the close of each semester by a committee of the music faculty and is based on performance standards and satisfactory progress.

In all applied music subjects, a fee for individual lessons is charged in addition to regular tuition. This fee is \$90 for a half-hour lesson per week (minor credit) and \$175 for a one-hour lesson per week.

College Music Organizations

All music majors are required to participate in either the college Concert Choir (MUS 111), the Wind Ensemble/Orchestra (MUS 131) each semester; music minors must participate for four semesters.

Students may repeat these courses for credit or may elect to participate through the zero-credit option to avoid overload charges.

Participation in the Berry Singers (MUS 121) is by audition. Students are encouraged to participate in Jazz Ensemble (MUS 141) and Chamber Music (MUS 132). Students on financial aid through music may be required to perform with these ensembles.

Theatre

Blackstone Hall Room 200 Telephone (706) 236-2258

The theatre program is designed to provide students with the academic and professional foundation essential to enjoyment and success in the field. The course of study includes offerings in performance, design and technical theatre, and theatre history and criticism. Theatre training in the liberal-arts entails the complementary activities of artistry and intellectual development. Since only the Bachelor of Arts degree is offered for theatre majors, all majors must complete the foreign-language requirement of that degree. Students master skills in all aspects of theatre as art, business and education. The curriculum is designed to immerse students in the scholarship as well as the practicalities of theatre. Frequent productions allow students to apply skills they learn in class. Internship opportunities, independent study and special seminars are offered by the faculty as well as guest artists and scholars.

The program is committed to

- broadening the consciousness of student artists and playgoers;
- Preserving and fostering cultural achievements and aesthetic sensibility;
- Developing the artistic maturity of students by stressing the virtues of collaboration, discipline, humility and tolerance;
- Providing opportunities for self-expression and creative fulfillment; and
- Collaborating with other artists and scholars in community, academic and professional settings.

The goals of the theatre major are

1. To acquaint students with the primary assumptions and critical principles of theatre-arts theory and practice;
2. To promote an understanding of the roles and contributions of the several collaborative artists responsible for theatre activity;
3. To promote a reading and performing knowledge of dramatic literature;
4. To develop students' appreciation of how the various components of theatre are orchestrated to produce an aesthetically satisfying experience and insight into the human condition;
5. To familiarize the student with the historical heritage of theatre; and
6. To generate new perceptions and skills relevant to an appreciation and practice of dramatic arts.

Undecided students with a strong interest in theatre should enroll in and fulfill their fine-arts requirement with ART 201, ART 202 or MUS 215.

Theatre Major (36 hours)

Required Theatre Core:

27 hours

THE 201	Experiencing Theatre	3-0-3
THE 208	Basics of Acting	2-2-3
THE 209	Basics of Directing	2-2-3
THE 221	Stagecraft	2-2-3
THE 261	Costuming and Makeup	2-2-3
THE 263	Design Fundamentals	2-2-3
THE 341 I	History and Literature of Theatre I	3-0-3
THE 342 I	History and Literature of Theatre II	3-0-3
THE 450	Senior Project	3-0-3

Elective Courses chosen from the following:

9 hours

THE 220	Musical Theatre	3-0-3
THE 304 I	Playwriting	3-0-3
THE 308	Intermediate Acting	2-2-3
THE 309	Advanced Directing	2-2-3
THE 328	Advanced Acting*	2-2-3
THE 363	Costume Design*	2-2-3
THE 365	Stage Design*	2-2-3

* may be repeated once

Theatre Minor Requirements (21 hours)

THE 208	Basics of Acting or	2-2-3
THE 209	Basics of Directing	2-2-3

THE 221	Stagecraft	2-2-3
THE 261	Costuming and Makeup	2-2-3
THE 263	Design Fundamentals	2-2-3
THE 341 I	History and Literature of Theatre I or	3-0-3
THE 342 I	History and Literature of Theatre II	3-0-3
THE 450	Senior Project	3-0-3

And select three hours from the following courses:

THE 308	Intermediate Acting	2-2-3
THE 309	Advanced Directing	2-2-3
THE 363	Costume Design	2-2-3
THE 365	Stage Design	2-2-3

Department of Foreign Languages

Evans School of Humanities, Arts and Social Sciences

Majors Offered: French (B.A.), French (B.A.) with P-12 Education Certification, German (B.A.), German (B.A.) with P-12 Education Certification, Spanish (B.A.), Spanish (B.A.) with P-12 Education Certification; Minors Offered: French, German, Spanish

Faculty: Nichols Professor Grégoire; Associate Professors Anton, Corry, Llorente, Slade and Tate; Assistant Professor Barnes; Evans Hall, Room 102 Telephone: (706) 236-2279; Fax: (706) 236-5091

The Department of Foreign Languages offers a variety of language, literature and cultural courses in French, German, and Spanish. The course of instruction emphasizes the development of communication skills. Majors and minors include courses in the analysis of cultural and literary works, as well as linguistic proficiency in professional areas such as business and education. Foreign language courses are open to all students as electives.

Foreign Language Placement Policy

Placement into Foreign Language classes is based upon Berry College placement test scores, previous experience with the language and, in some cases, individual consultation with Foreign Language faculty. All students who plan to enroll in a Foreign Language course are required to take the Berry College Foreign Language Placement Exam if they have taken any courses in that language in high school. Students will not be allowed to take a course below the indicated placement determined by the department. A student may petition the Chair of the Department of Foreign Languages to be enrolled in a course other than that initially indicated. Such a determination will be made after a more detailed evaluation of speaking, listening, reading and writing proficiency, which will be conducted by a Foreign Language faculty member.

Foreign Language Requirements for the Bachelor of Arts

Students pursuing the Bachelor of Arts degree at Berry College must demonstrate intermediate-

level ability in a modern foreign language. Students with previous experience in French, German, or Spanish will demonstrate proficiency in the following ways:

1. Successful completion of the 200-level course in the foreign language
2. Proficiency Testing
 - a. Testing out of the introductory language classes
 - i. The Department of Foreign Languages Placement Exam determines the class level at which students should begin their foreign language study.
*Achieving a good score allows students to waive the 101 course, or with a high score, both the 101 and 102 courses in the language. In such a case, these courses are then waived from the major and minor requirements.
 - ii. Those students who have taken Advanced Placement courses in high school and scored a grade of 4 on the AP foreign language test will receive 4 credit hours for the 101 course. With a score of 5 on the AP test, students receive 8 credit hours for the 101 and 102 courses.
 - b. Students who test out of both 101 and 102 (through either the On-line Placement Exam or AP testing) begin their foreign language study at the 200-level course. Those students may also request further developmental testing of conversation and composition in order to waive the 200-level course; or they may complete the 200-level class offered in the language. In such a case, these courses are then waived from the major and minor requirements.
3. Students who have completed 2 years of Spanish for high school cannot enroll in SPA101. See placement policy for more information and exceptions.

Bachelor of Arts Requirements for Foreign Language Majors

Majors in one of the foreign languages will take two additional courses of at least three credits each in a second foreign language (or waiver by examination) or three courses in the humanities approved by the major department, excluding courses counted toward the general-education requirements or additional courses in the major. Foreign language majors who complete a second major and/or an education minor are exempt from this requirement.

Study Abroad

Students who are majors or minors in a foreign language are strongly encouraged to participate in one or more of our study-abroad programs in France, Germany, Costa Rica, Mexico, Argentina and Spain.

Foreign-Language Teacher Certification

Teacher certification is available when majoring in a foreign language. Students wishing to pursue teacher certification should minor in education and select a member of the education faculty to serve as a second advisor.

The P-12 teaching certification in a foreign language requires the completion of one of the majors described above in addition to the completion of a minor in education including FLA 400, which is taught in the Department of Foreign Languages. The education minor and FLA 400 will not count as part of the 22-hour (FRE), 21-hour (GER), or 27-hour (SPA) major requirements. SPA 307 is required as part of the 39-hour major requirements for teacher-education students in

Spanish. Those seeking teaching certification must apply for acceptance in the teacher-education program and complete successfully, the GACE examination in the language studied. A study-abroad experience is considered essential for those wishing to teach a foreign language.

French Major Requirements (22 hrs. at the 300-level and above, an additional 12 hours may be required to demonstrate Intermediate level proficiency)

Intermediate Level Proficiency:	Up to 12 hours
Intermediate-level ability in French demonstrated by satisfactory completion of FRE 200 or by proficiency testing and a combination of the following:	
FRE 101 Introduction I to French Language and Culture	4-1-4
FRE 102 Introduction II to French Language and Culture	4-1-4
FRE 200 French in Review: Language, Culture, History (Intermediate)	4-1-4
Advanced Requirements:	22 hours
FRE 301 Advanced French Conversation or	3-1-3
FRE 303 Introduction to French and Francophone Literature	3-0-3
FRE 302 Advanced French Composition	3-0-3
FRE 401 I French Literature Prior to 1800	3-0-3
FRE 402 I French Literature of the 19th and 20th Centuries	3-0-3
FRE 406 Senior Project	1-0-1
Plus 9 hours of FRE electives, with at least 3 hours selected from 400 level courses.	

French Major with P-12 Education Certification Requirements (60 – 72 hours)

Those seeking teaching certification must apply for acceptance in the teacher-education program, have a second advisor from the teacher education department, and complete successfully, the GACE examination in the language studied. A study-abroad experience is considered essential for those wishing to teach a foreign language. To complete the French major with certification in P-12 Education a student must complete the following:

Intermediate Proficiency in French (as described above)	Up to 12 hours
Advanced Requirements:	22 hours
FLA 400 Foreign Language Education in the Elementary School*	3-0-3
Education Minor Requirements (see teacher education department)	35 hours
*FLA 400 does not count as one of the advanced required elective courses for the major.	

French Minor Requirements (21 hours)

To earn a minor in French, a student must demonstrate intermediate-level ability in French by satisfactory completion of FRE 200 or by proficiency testing and complete 9 hours at or

above the 300 level.

German Major Requirements (21 hours at the 300 level and above, an additional 12 hours may be required to demonstrate intermediate proficiency)

Intermediate Level Proficiency:		Up to 12 hours
Intermediate-level ability in German demonstrated by satisfactory completion of GER 200 or by proficiency testing and a combination of the following:		
GER 101	Introduction I to German Language and Culture	4-1-4
GER 102	Introduction II to German Language and Culture	4-1-4
GER 200	German in Review: Language, Culture, History (Intermediate)	4-1-4
Advanced Requirements:		21 hours
GER 301 I	Communication, Interpretation and Cultural Awareness I (advanced) or	3-1-3
GER 302 I	Communication, Interpretation and Cultural Awareness II (advanced) or	3-1-3
GER 303	Introduction to Major Works and Authors in German Literature	3-0-3
Plus 18 hours of GER electives, with at least nine hours selected from 400 level courses.		

German Major with P-12 Education Certification Requirements (59 – 71 hours)

Those seeking teaching certification must apply for acceptance in the teacher-education program, have a second advisor from the teacher education department, and complete successfully, the GACE examination in the language studied. A study-abroad experience is considered essential for those wishing to teach a foreign language. To complete the French major with certification in P-12 Education a student must complete the following:

Intermediate Proficiency in French (as described above)		Up to 12 hours
Advanced Requirements:		21 hours
FLA 400	Foreign Language Education in the Elementary School*	3-0-3
Education Minor Requirements (see teacher education department)		35 hours
*FLA 400 does not count as one of the advanced required elective courses for the major.		

German Minor Requirements (21 hours)

To earn a minor in German, a student must demonstrate intermediate-level ability in German by satisfactory completion of GER 200 or by proficiency testing and complete 9 hours at or above the 300 level.

Spanish Major Requirements (27 hrs. at the 300-level and above; an additional 12 hours may be required to demonstrate Intermediate level proficiency)

Intermediate Level Proficiency: **Up to 12 hours**
 Intermediate-level ability in Spanish demonstrated by satisfactory completion of SPA 200 or by proficiency testing and a combination of the following:

SPA 101	Introduction I to Spanish	4-1-4
SPA 102	Introduction II to Spanish	4-1-4
SPA 200	Intermediate Spanish	4-1-4

Advanced Requirements: **15 hours**

SPA 300	Spanish in Context	3-1-3
SPA 301	Advanced Spanish Conversation or	3-1-3
SPA 324	Hispanic Culture	3-0-3
SPA 302 I	Advanced Spanish Composition or	3-0-3
SPA 307	Advanced Spanish Grammar	3-0-3
SPA 310	Survey of Peninsular Spanish Literature or	3-0-3
SPA 311	Survey of Spanish-American Literature	3-0-3
SPA 450	Senior Project*	3-0-3

* Majors who study abroad may use one of the 300-or 400- level classes they take abroad to fulfill the SPA 450: Senior Project requirement.

Required Elective Courses **12 hours**

Students must choose 12 hours of SPA electives, 9 of these hours must be at the 400 level.

Spanish Major with P-12 Education Certification Requirements (65 – 77 hours)

Those seeking teaching certification must apply for acceptance in the teacher-education program, have a second advisor from the teacher education department, and complete successfully, the GACE examination in the language studied. A study-abroad experience is considered essential for those wishing to teach a foreign language. To complete the French major with certification in P-12 Education a student must complete the following:

Intermediate Proficiency in Spanish (as described above) **Up to 12 hours**

Advanced Requirements: **15 hours**

Elective Requirements: **12 hours**

FLA 400	Foreign Language Education in the Elementary School*	3-0-3
----------------	--	--------------

Education Minor Requirements (see teacher education department) **35 hours**

*FLA 400 does not count as one of the advanced required elective courses for the

major.

Spanish Minor Requirements (24 hours)

To earn a minor in Spanish, a student must demonstrate intermediate-level ability in Spanish by satisfactory completion of SPA 200 or by proficiency testing and complete SPA 300 and 12 additional hours at or above the 300 level.

Department of Government and International Studies

Evans School of Humanities, Arts and Social Sciences

Majors Offered: International Studies (B.A.), Political Science (B.A.), Political Science (B.S.), Political Science (B.S.) with Secondary Education Certification;

Minors offered: Government, International Studies

Faculty: Dana Professor Lawler, Gund Professor Singh; Associate Professors: Bailey, Hickman, Taylor; Assistant Professor: Sands

International Studies Major (42 hours)

International Studies is a flexible major, offered only as a Bachelor of Arts degree program, that prepares students for careers in government, law, international business, and nongovernmental organizations (NGOs), and college-level teaching. In addition, all international studies majors are encouraged to participate in the college's study-abroad program. Majors in international studies may not claim a minor in any of the fields taken to satisfy the major requirements except foreign language.

It is strongly recommended that MAT 111 be taken prior to enrolling in GOV 393 I.

International Studies Requirements:	27 hours
GOV 207 Contemporary World Issues	3-0-3
GOV 211 American National Government	3-0-3
GOV 217 Introduction to Comparative Politics	3-0-3
GOV 319 Modern Political Philosophy	3-0-3
GOV 321 I International Relations	3-0-3
GOV 393 I Social-Science Research Methods	3-0-3
GOV 406 Senior Project	3-0-3
GOV 435 Foreign Policy Analysis	3-0-3
MAT 111 Elementary Statistics	3-0-3

Electives:	15 hours
Complete 15 hours chosen from the following courses:	
GOV 231 Model United Nations	1 - 3 hours
GOV 320 Comparative Politics of Western Europe	3-0-3
GOV 323 Revolution and Political Violence	3-0-3
GOV 333 American Political Development <i>or</i>	3-0-3
2011 - 2013 Berry College 97 Catalog	

GOV 338	Presidency and Congress	3-0-3
GOV 339 I	Politics and History of Russia	3-0-3
GOV 343	Comparative Politics of South Asia	3-0-3
GOV 344	Politics and History of East Asia	3-0-3
GOV 358	Politics of Latin America	3-0-3
GOV 410	Conflict and Cooperation in World Politics	3-0-3
GOV 411	International Law and Organizations	3-0-3
GOV 421	International Relations Theory	3-0-3
HIS 445	History of American Diplomacy	3-0-3

International Studies Minor (18 hours)

Required Courses:		18 hours
GOV 207	Contemporary World Issues	3-0-3
GOV 217	Introduction to Comparative Politics	3-0-3
GOV 321 I	International Relations	3-0-3
Elective Courses	Complete three electives chosen from any one of the four concentrations	9 hours

Political Science Major: Bachelor of Arts (39 hours), Bachelor of Science (45 – 46 hours), Bachelor of Arts or Science option with Secondary Education Certification (75 - 80 hours)

Political Science students may pursue either the Bachelor of Arts or the Bachelor of Science degree. It is strongly recommended that majors enroll in the methods course (GOV 393 I) in their sophomore or junior year and that MAT 111 be taken before enrolling in GOV 393 I. Note that government majors pursuing the Bachelor of Arts degree must complete the foreign-language requirement for that degree. Specific departmental requirements for government majors and minors in addition to the general-education requirements are listed below.

Students wishing to pursue teacher certification should minor in education and select a member of the education faculty to serve as a second advisor.

All majors must complete the following courses:		9 hours
GOV 207	Contemporary World Issues or	3-0-3
GOV 211	American National Government or	3-0-3
GOV 217	Introduction to Comparative Politics	3-0-3
GOV 393 I	Social-Science Research Methods	3-0-3
GOV 406	Senior Project	3-0-3
One Course in American politics chosen from:		3 hours
GOV 330	American Founding	3-0-3
GOV 333	American Political Development	3-0-3
GOV 335	Political Parties and Interest Group	3-0-3
GOV 336	American Political Thought	3-0-3

GOV 338	Presidency and Congress	3-0-3
GOV 417	Constitutional Law: American Political Institutions	3-0-3
GOV 418	Constitutional Law: Civil Liberties & Civil Rights	3-0-3
GOV 420	Public Administration and Public Policy	3-0-3

One Course in comparative politics chosen from: 3 hours

GOV 320	Comparative Politics of Western Europe	3-0-3
GOV 323	Revolution and Political Violence	3-0-3
GOV 339 I	Politics and History of Russia	3-0-3
GOV 343	Comparative Politics of South Asia	3-0-3
GOV 344	Politics and History of East Asia	3-0-3
GOV 358	Politics of Latin America	3-0-3
GOV 365	War Crimes and Genocide	3-0-3

One Course in international relations chosen from: 3 hours

GOV 321 I	International Relations	3-0-3
GOV 410	Conflict and Cooperation in World Politics	3-0-3
GOV 411	International Law and Organizations	3-0-3
GOV 421	International Relations Theory	3-0-3
GOV 435	Foreign Policy Analysis	3-0-3

One Course in political philosophy chosen from: 3 hours

GOV 318	Ancient Political Philosophy	3-0-3
GOV 319	Modern Political Philosophy	3-0-3
GOV 329	Political Thought Today	3-0-3

Elective Courses: 18 hours

Students must complete a minimum of 18 hours of GOV courses

Additional Bachelor of Science Requirements: 6 – 7 hours

Government majors pursuing the Bachelor of Science degree must successfully complete a minimum of six courses from the Registrar's list of approved B.S. core courses. One of these courses must be Elementary Statistics (MAT 111).

Additional Requirements for a Political Science major with Secondary Education Certification 35 hours

Students must also complete the Secondary Education minor requirements listed under the Education minor (see teacher education department)

Political Science Minor (18 hours)

Minors must complete the following courses: 18 hours

GOV 207	Contemporary World Issues or	3-0-3
GOV 211	American National Government	3-0-3
GOV 217	Introduction to Comparative Politics	3-0-3
GOV 321 I	International Relations or	3-0-3
GOV 318	Ancient Political Philosophy	3-0-3
plus 3 additional GOV courses, at least one of which is at the 300/400 level		9 hours

Department of History

Evans School of Humanities, Arts and Social Sciences

Major Offered: History (B.A.), History (B.A.) with Secondary Education Certification; Minor Offered: History

Faculty: Professors Atkins and Marvin; Associate Professor Snider; Assistant Professor Stanard; Evans Hall, Room 109B Telephone: (706) 236-2222

A major in history is useful to students interested in a career in law, education, writing, the ministry, business, government, library and archival work, or historic restoration. The study of history is also of value to those who are anxious to receive a liberal-arts background to pursue other career options. A wide variety of courses in American, European and world history will allow each student to shape his or her intellectual development and to enhance various critical and creative thinking skills necessary for personal and professional success.

History Major Requirements (36 hours)

Required History Courses:	15 hours
HIS 154 World History to 1550	3-0-3
HIS 155 World History Since 1550	3-0-3
HIS 205 American History to 1877	3-0-3
HIS 206 American History Since 1877	3-0-3
HIS 491 I Historiography	3-0-3

History Elective Courses: **21 hours**
plus an additional 21 hours of history electives, including 9 hours of upper-division (300-400 level) courses in American history, and 9 hours of upper-division courses in European and/or world history.

History (B.A.) with Secondary Education Certification Requirements (83 hours)

Teacher certification is available in history. Students wishing to pursue teacher certification should minor in education and select a member of the teacher education faculty to serve as a second advisor.

Required History Courses:	15 hours
HIS 154 World History to 1550	3-0-3
HIS 155 World History Since 1550	3-0-3
HIS 205 American History to 1877	3-0-3
HIS 206 American History Since 1877	3-0-3
HIS 491 I Historiography	3-0-3

History Elective Courses: **21 hours**
plus an additional 21 hours of history electives, including 9 hours of upper-division (300-400 level) courses in American history, and 9 hours of upper-division courses in European and/or world history. One course emphasizing non-Western history is

required for teacher certification.

Education Minor Requirements (See teacher education department) **35 hours**

Additional Course Requirements: **12 hours**

Students must also complete 12 additional hours chosen from anthropology, economics, government and international studies, psychology or sociology.

History Minor Requirements (18 hours)

Students must complete at least two of the following: **6 hours**

HIS 154	World History to 1550	3-0-3
HIS 155	World History Since 1550	3-0-3
HIS 205	American History to 1877	3-0-3
HIS 206	American History Since 1877	3-0-3

Required Elective Courses **12 hours**

12 hours of history electives, at least nine hours of which must be at the 300-400 level

Interdisciplinary Studies Program

The interdisciplinary studies program allows highly motivated and self-directed students to pursue a course of study that falls outside of existing majors and minors by developing an individualized cross-disciplinary course of study. Students pursuing an interdisciplinary-studies major integrate classes from multiple disciplines into a unified and coherent course of study. The principles of integration can be historical, regional, thematic or problem-focused. The interdisciplinary-studies major is not a mechanism to avoid those portions of an existing major that are uninteresting or difficult, nor is it simply a mechanism to take courses in several areas of interest. The major must be a unified program that is academically sound and will contribute to the individual student's intellectual development. This program requires students to actively plan their program and cultivate a working relationship with their faculty advisor(s). The interdisciplinary-studies major culminates in a capstone paper or project that integrates the student's coursework. Students proposing an interdisciplinary studies major should have a 2.5+ GPA on Berry coursework.

Students may enroll in IDS 210 to assist in the planning of their IDS application. If the course is taken before a student has declared an IDS major, IDS 210 may count toward the elective hours for the major. A student may not take IDS 210 after they declare an Interdisciplinary Studies major.

The requirements of the interdisciplinary-studies major are as follows:

1. Satisfactory completion of IDS 300 by the end of the junior year;
2. Satisfactory completion of a minimum of 48 semester hours, to include IDS 300, a three-hour capstone course (see 6 below), and 21 or more additional semester hours at the 300 and 400 level;

3. Satisfactory completion of at least two writing-intensive courses:
4. Satisfactory completion of a 400-level capstone course or independent study (3 semester hours) in which the student will complete an interdisciplinary senior thesis or project showing how it integrates the student's course work (typically to be supervised by the student's interdisciplinary studies advisor).

Please note: Courses of study cannot include more than 25 percent of their content or credit hours in the Campbell School of Business, or by name or any similar means, convey a connotation of a program of study in business administration or management (restriction does not include economics).

Students interested in pursuing an interdisciplinary studies major must first secure an appropriate academic advisor. Then, in consultation with their advisor and the coordinator of interdisciplinary studies, students will write a plan outlining their course of study. The plan must consist of two elements: 1) a two- to three-page essay describing the course of study, and 2) a list of learning objectives indicating courses to be taken to achieve each objective. **The plan must be developed and approved before the student completes 70 semester hours.**

The essay describing the course of study should address the following points:

1. Develop a program title that concisely describes the focus of study, e.g., Classical Civilization, Southern Life and Culture, Area Studies (African American, Latin American, Asian, Middle Eastern), Religion and Personality, Law and Policy in the United States, Women in Society, Linguistics, Cognitive Science, Biomechanics, Educational Policy, etc.
2. Describe the issue, problem or area of intellectual concern that will be the focus of the interdisciplinary major;
3. Explain how courses from two or more disciplines will be integrated to create a unified, coherent program of study;
4. Explain why an existing major/minor combination will not meet these needs;
5. Describe any experiential-learning components of the plan, e.g., study abroad, internship, field work, independent study;
6. Briefly describe a proposed senior culminating thesis or project, which will fulfill the capstone requirement;
7. Describe in general terms future plans and how the individualized major will help the student succeed in these plans;
8. State the intended degree, either a Bachelor of Arts or a Bachelor of Science, and provide a justification (see p. 42).

The coordinator of interdisciplinary studies can provide sample essays and learning objectives.

Students must have their written plan approved by their advisor, the coordinator of interdisciplinary studies, and the dean of the school in which the advisor is assigned, who will forward the plan to the provost. The provost will send a copy of the signed plan to the student, the advisor, the coordinator of interdisciplinary studies and the registrar. Any changes to the plan must be approved by the student's advisor and the coordinator of interdisciplinary studies, who will notify the dean, the provost and the registrar of any changes. The approval of a proposed interdisciplinary studies plan is not automatic, and the final decision rests with the interdisciplinary studies coordinator in consultation with the appropriate dean. An approved

interdisciplinary studies plan is officially recognized by Berry College as the student's declared academic major.

Department of Kinesiology

Charter School of Education and Human Sciences

Majors Offered: Exercise Science (B.S.), Health and Physical Education (B.S.)

Faculty: Professor Pearson; Associate Professors Kurz and Baldwin-Lanier; Lecturers Beasley, Canalis, Deaton, Delfausse, Farrer, Haarlow, Hightower, Holloway, Jermundson, King, Thiermann, Vardy, and Williamson

CAGE Center, Telephone: (706) 236-2225 • FAX (706) 802-6735

E-mail BOLD-HPE@berry.edu

General education courses in health and physical education are designed to inform students about subjects of health, fitness and first aid; and to develop skills in the areas of sports, dance, aquatics and adventure-type activities. Emphasis is based on carry-over values for lifetime participation and enjoyment.

The department offers a Bachelor of Science degree in Exercise Science. The major will offer a candidate a fine preparation for graduate studies in athletic training, physical therapy and/or exercise science specialties and will serve as preparation for fitness and wellness career opportunities.

A major in health and physical education (HPE) leads to a Bachelor of Science degree. The teacher-preparation area of concentration prepares the student for a teaching career in preschool through 12.

Exercise Science Major (59 hours)

Required Courses:		42 hours
BIO 111	Principles of Cell Biology	3-2-4
BIO 206	Human Anatomy and Physiology I	3-2-4
BIO 207	Human Anatomy and Physiology II	3-2-4
KIN 201	Introduction to Exercise Science	1-0-1
KIN 220	First Aid	0-2-1*
KIN 221	Survey of Wellness	0-2-1*
KIN 311	Biomechanics	3-2-4
KIN 380	Nutrition	3-0-3
KIN 411 I	Exercise Physiology	3-2-4
KIN 413	Exercise Assessment and Prescription	3-2-4
KIN 496	Academic Internship	6 hours
MAT 111	Statistics	3-0-3*
Required Laboratory Elective (one course from the following list):		4 hours
BIO 202	Principles of Zoology	3-2-4*

CHM 108	General Chemistry I	3-3-4*
PHY 111	General Physics I with Algebra or	3-2-4*
PHY 211	General Physics I with Calculus	3-2-4*

Elective Courses:

13 hours

Students must select 13 hours of elective courses from the list below. Many of these courses may also satisfy general education requirements.

BIO 202	Principles of Zoology	3-2-4
BIO 204	Genetics	3-3-4
BIO 300	Cell Biology	3-3-4
BIO 301	Microbiology	3-3-4
BIO 303	Comparative Animal Physiology	3-3-4
CHM 108	General Chemistry I	3-3-4
CHM 109	General Chemistry II	3-3-4
CHM 221	Organic Chemistry I	3-3-4
CHM 222	Organic Chemistry II	3-3-4
KIN 256	History and Principles of HPE and Athletics	3-0-3
KIN 309	Physical Education for Children and Youth with Special Needs	3-2-4
KIN 312 I	Health for Teachers	3-0-3
KIN 313	Community Health	3-0-3
KIN 330	Motor-Learning Behavior	3-0-3
KIN 404	Sports Administration	3-0-3
KIN 496	Academic Internship	3 hours
PHY 111	General Physics I with Algebra	3-2-4
PHY 112	General Physics II with Algebra	3-2-4
PHY 221	General Physics I with Calculus	3-2-4
PHY 222	General Physics II with Calculus	3-2-4
PSY 221	Life-span Developmental Psychology	3-0-3
PSY 303	Health Psychology in Sociocultural Context	3-0-3
PSY 318	Abnormal Psychology	3-0-3
PSY 390	Adult and Aging	3-0-3
PSY 427	Biological Neuroscience	3-0-3
PSY 435	Seminar in Psychology (when title is Sports Psych.)	1 – 3 hours

*9 – 13 hours may also fulfill General Education requirements

Health and Physical Education Major (80 hours)

The objectives of the area of health and physical education are to

- engage all students in wellness activities and develop in them an appreciation for lifetime fitness;
- prepare majors for successful careers in teaching and coaching; and
- prepare majors to participate actively in professional organizations.

Required Courses:		80 hours
EDU 102	Orientation to Teacher Education	1-0-1
EDU 206	Foundations of Education and Psychology (Grades 4-12)	3-2-4
EDU 221	Exploration in Diverse Cultures Seminar	0-2 hours
EDU 222	Exploration in Diverse Cultures	1-3 hours
EDU 260	Technology Applications for Educators	3-0-3
EDU 405	Instructional Management	2-0-2
EDU 489	Senior Practicum and	2 hours
EDU 499	Student Teaching or	9 hours
EDU 497	Student Teaching (Secondary, P-12)	0-11-11
EDU 490	Professional Seminar	1-0-1
EDU 495	Teaching of English as a Second Language: Methods and Materials	3-0-3
ENG 204	Introduction to Linguistics	3-0-3*
KIN 220	First Aid	2-0-1*
KIN 221	Survey of Wellness	0-2-1*
KIN 256	History and Principles of Health, Physical Education and Athletics	3-0-3
KIN 266	Functional Anatomy and Physiology	3-2-4
KIN 301	Techniques of Teaching Team and Individual Sports	1-2-3
KIN 305	Curriculum and Methods in Physical Education	3-2-4
KIN 306	Survey of Dance	3-0-3
KIN 309	Adapted Physical Education	3-0-3
KIN 310	Developmentally Appropriate Physical Education for P-6	3-1-4
KIN 311	Biomechanics	3-2-4
KIN 312 I	Health for the Teacher	3-0-3
KIN 313	Community Health	3-0-3
KIN 314	Adventure Sports	1-2-3
KIN 330	Motor-Learning Behavior	3-0-3
KIN 411 I	Exercise Physiology	3-2-4
MAT 111	Elementary Statistics	3-0-3*

*KIN 220, KIN 221, and MAT 111 also fulfill general education requirements. ENG 204 may be used to satisfy one of the general education elective courses taken outside the major/minor.

Latin American and Caribbean Studies

Evans School of Humanities, Arts and Social Sciences

Minor Offered: Latin American and Caribbean Studies

Faculty Coordinator: Associate Professor Slade; Evans 206D Telephone: (706) 233-4081 E-mail: dslade@berry.edu

The Latin American and Caribbean Studies program offers Berry students the opportunity to explore one of the world's most diverse and fascinating regions. Latino immigration to the United States and the increasing importance of Latin America in the global economy mean that

there is a growing need for persons with the skills necessary for communicating effectively with people from this region. Students completing a minor in Latin American and Caribbean Studies, therefore, are at an advantage in nearly any job pool. They are at a special advantage when competing for positions in companies with business interests in Latin America; health care and social work professionals; journalism; federal and state government careers; graduate programs in the social sciences; professional degree programs in fields such as public policy, public health, social work and business; and education, from elementary grades through higher education.

Students earning the minor in Latin and Caribbean Studies are strongly encouraged to study abroad in a Latin American or Caribbean country and/or carry out a LCS-related internship, either locally or abroad.

Latin American and Caribbean Studies Minor (18 hours)

Core Requirements		6 hours
LCS 301	Peoples of Latin America and the Caribbean	3-0-3
LCS 450	Seminar in Latin American and Caribbean Studies	3-0-3

Electives		12 hours
Students must complete 12 hours chosen from among the following:		
ART 330 I	Pre-Columbian and Latin American Art	3-0-3
BIO 383	Tropical Diversity and Conservation (in Costa Rica)*	2-4-4
BIO 480*	Advanced Topics in Biology	1 - 5 hours
BIO 482	Coral Reef Ecology	2-4-4
EDU 222	Exploration in Diverse Cultures (LAC sites only)	1-4-3
GEO 155*	Geology Field Studies Abroad	2-3-4
GOV 358	Politics of Latin America	3-0-3
HIS 358	Latin American History	3-0-3
LCS/SOC 310	Latinos in the United States	3-0-3
LCS 344	Special Topics in Latin American and Caribbean Studies	3-0-3
LCS 350*	Costa Rican Culture	3-0-3
LCS 496	Academic Internship	3 - 6 hours
LCS 498	Directed Study	1 - 3 hours
SPA 311	Survey of Spanish-American Literature	3-0-3
SPA 324	Hispanic Culture	3-0-3
SPA 350	Pura Vida: Language and Culture in Costa Rica	3-0-3
SPA 403	Contemporary Spanish-American Literature	3-0-3
SPA 404 I	Spanish Business Communication	3-0-3

With permission of the director, students may also choose from the following courses:

ANT 380	Applying Anthropology	3-0-3
BUS 410	International Business	3-0-3
ENG 332	Postcolonial Literature	3-0-3
SPA 405	Topics in Spanish	3-0-3

*Limited to Latin American and Caribbean sites only

Legal Studies

Evans School of Humanities, Arts, and Social Sciences

Minor Offered: Legal Studies

Faculty: Professors Lawler and Stephenson; Associate Professors Bailey, Carroll, Frank, and Papazian; Assistant Professor Sands; Evans Hall 112A Telephone: (706) 238-7896

The Legal Studies minor is an interdisciplinary curriculum focusing on law and the American legal system. Courses available include broad overviews of business and constitutional law, surveys of the law's economic efficiency and philosophical underpinnings, and intensive examinations of specific legal areas.

Students interested in the minor should consult with one of the faculty members. Careful planning of course selection is necessary, as some courses are offered only once every two years.

Legal Studies Minor (18 hours)

Course Requirements:		18 hours
Choose six courses from the following:		
BUS 210	Legal Environment of Business	3-0-3
BUS 411	Advanced Business Law	3-0-3
COM 416 I	Mass Communication Law	3-0-3
ECO 460	Economic Analysis of Law	3-0-3
GOV 319	Modern Political Philosophy	3-0-3
GOV/SOC/ WNS 387	Gender, Law and Society	3-0-3
GOV 411	International Law and Organizations	3-0-3
GOV 417	Constitutional Law: American Political Institutions	3-0-3
GOV 418	Constitutional Law: Civil Liberties and Civil Rights	3-0-3
PHI 350	Philosophy of Law	3-0-3
PHI 353	Symbolic Logic	3-0-3
REL 330	Church and State	3-0-3
SOC 320	Criminology	3-0-3

Department of Management

Campbell School of Business

Major Offered: Management (B.S.), Minor Offered: Business

Faculty: Gund Professor Dhir; Garrett Professor Grout; Professor Granrose; Associate Professor P. Englis; Assistant Professor Colakoglu

Management involves the planning, organizing, staffing, leading and controlling of business functions and organizations. It is concerned with the optimum fit of the organization's external and internal environments. As part of the firsthand experience, management students will

participate in supervised employment, internships on and off campus, research experience, entrepreneurships, and/or study abroad experiences as part of their program of study. Students with a major in management will study such topics as human resources management, organizational behavior, efficient production and service-delivery methods, strategic planning and other elements of the management process. Students can take a variety of electives to customize their major whether focusing on general management, international management or small business management.

Management Major (63 – 64 hours)

Business Pre-core:		21 - 22 hours
ACC 201	Principles of Financial Accounting	3-0-3
ACC 202	Principles of Managerial Accounting	3-0-3
BUS 211	Business Statistics	3-0-3
ECO 110	Principles of Economics I	3-0-3
ECO 210	Principles of Economics II	3-0-3
MAT 145	Applied Calculus or	3-0-3
MAT 201	Calculus	4-0-4
MAT 111	Elementary Statistics or	
MAT 311	Probability and Statistics	3-0-3

Students must earn a minimum grade of C- in each of the pre-core classes.

Business Core:		24 hours
BUS 210	Legal Environment of Business	3-0-3
BUS 308	Ethical Issues in Business	3-0-3
BUS 316	Information Systems	3-0-3
MKT 301	Principles of Marketing	3-0-3
FIN 301	Principles of Finance	3-0-3
MGT 301	Principles of Management	3-0-3
MGT 453	Operations Management	3-0-3
BUS 499 I	Global Business Strategy	3-0-3

Management Requirements:		6 hours
MGT 302 I	Organizational Behavior	3-0-3
MGT 345	Management of Human Resources	3-0-3

Management Electives: (chosen from the following courses)		9 hours
BUS 212	Gender and Business	3-0-3
BUS 358	Current Topics in Business	3-0-3
BUS 410	International Business	3-0-3
BUS 416	Business and Society	3-0-3
MGT 340	Intro to Entrepreneurship	3-0-3
MGT 415	MGT 415 Cross-cultural Management	3-0-3
MGT 440	Advanced Entrepreneurship	3-0-3
MGT 460	Special Topics in Management	3-0-3
MGT 498	Directed Study in Management	3-0-3
MKT 427	E-Commerce Marketing Strategy	3-0-3

PSY 355 Psychology of Interpersonal Relations 3-0-3

Students must have a 2.0 GPA in both their shared business core and major-specific classes in order to graduate.

No more than 50 percent of the courses used to satisfy the business core or major-specific classes can be transferred from another institution.

Use of information technology: Specific software and information technology requirements will be listed in individual course syllabi and an opportunity will be provided during the first few weeks of a course to complete any computer-based training modules that were not completed earlier.

Business Minor Requirements (21 hours):

Business Minor Required Courses:		21 hours
ACC 201	Principles of Financial Accounting	3-0-3
ECO 110	Principles of Economics I	3-0-3
FIN 235	Personal Finance or	3-0-3
FIN 301	Principles of Finance*	3-0-3
MGT 301	Principles of Management	3-0-3
MKT 301	Principles of Marketing	3-0-3

Plus two courses chosen from ACC 202, BUS 210 or any 300-level or 400-level ACC, BUS, FIN, MGT or MKT courses for which all prerequisites have been met. A student completing the Business Minor must complete at least 9 hours in the minor at the 300 or 400 level. Students taking FIN 235 cannot take both ACC 202 and BUS 210.

*Prerequisite of ACC 201

Department of Marketing

Campbell School of Business

Major Offered: Marketing (B.S.); Minor Offered: Business

Faculty: Professor B. Englis and Albers-Miller; Assistant Professor Littlefield

The discipline of marketing is eclectic in nature, drawing from the natural and social sciences in developing and expanding its content. As such, the areas of accounting, economics, law, mathematics, philosophy, psychology, sociology and other related disciplines are drawn upon for the conceptual, theoretical and empirical underpinnings of the marketing discipline. A wide range of career opportunities is available to marketing graduates. The challenges of marketing require men and women with creative ability, intelligence and skill who are prepared to fill an ever-increasing number of senior staff and executive positions. Marketing students examine consumer behavior, marketing research and analysis, market segmentation, positioning, product policy, advertising and communications, distribution and pricing, and their impacts on the design and implementation of marketing strategies. The marketing program introduces the student to the role of marketing in both the firm and in society.

Marketing Major (63 – 64 hours)

Business Pre-core:		21 - 22 hours
ACC 201	Principles of Financial Accounting	3-0-3
ACC 202	Principles of Managerial Accounting	3-0-3
BUS 211	Business Statistics	3-0-3
ECO 110	Principles of Economics I	3-0-3
ECO 210	Principles of Economics II	3-0-3
MAT 145	Applied Calculus or	3-0-3
MAT 201	Calculus	4-0-4
MAT 111	Elementary Statistics or	
MAT 311	Probability and Statistics	3-0-3

Students must earn a minimum grade of C- in each of the pre-core classes.

Business Core:		24 hours
BUS 210	Legal Environment of Business	3-0-3
BUS 308	Ethical Issues in Business	3-0-3
BUS 316	Information Systems	3-0-3
MKT 301	Principles of Marketing	3-0-3
FIN 301	Principles of Finance	3-0-3
MGT 301	Principles of Management	3-0-3
MGT 453	Operations Management	3-0-3
BUS 499 I	Global Business Strategy	3-0-3

Marketing Requirements:		9 hours
MKT 322	Consumer Behavior	3-0-3
MKT 323 I	Marketing Research and Analysis	3-0-3
MKT 499	Marketing Strategy	3-0-3

Marketing Electives: (chosen from the following courses)		9 hours
MKT 326	Personal Selling	3-0-3
MKT 327	Qualitative Research Methods	3-0-3
MKT 423	Product Development	3-0-3
MKT 424	Marketing Communications	3-0-3
MKT 425	International Marketing	3-0-3
MKT 426	Experiential Marketing: Marketing Sports and the Arts	3-0-3
MKT 427	E-Commerce Marketing Strategy	3-0-3
MKT 428 I	Advanced Marketing Research	3-0-3
MKT 460	Special Topics in Marketing	3-0-3
MKT 498	Directed Study (in Marketing)	3-0-3
COM 375	Principles of Public Relations*	3-0-3

*may contain other pre-requisite coursework

Students must have a 2.0 GPA in both their shared business core and major-specific classes in order to graduate.

No more than 50 percent of the courses used to satisfy the business core or major-specific classes can be transferred from another institution.

Use of information technology: Specific software and information technology requirements will be listed in individual course syllabi and an opportunity will be provided during the first few weeks of a course to complete any computer-based training modules that were not completed earlier.

Business Minor Requirements (21 hours):

Business Minor Required Courses:		21 hours
ACC 201	Principles of Financial Accounting	3-0-3
ECO 110	Principles of Economics I	3-0-3
FIN 235	Personal Finance or	3-0-3
FIN 301	Principles of Finance*	3-0-3
MGT 301	Principles of Management	3-0-3
MKT 301	Principles of Marketing	3-0-3

Plus two courses chosen from ACC 202, BUS 210 or any 300-level or 400-level ACC, BUS, FIN, MGT or MKT courses for which all prerequisites have been met. A student completing the Business Minor must complete at least 9 hours in the minor at the 300 or 400 level. Students taking FIN 235 cannot take both ACC 202 and BUS 210.

*Prerequisite of ACC 201

Department of Mathematical and Computer Science

School of Mathematical and Natural Sciences

Majors Offered: Computer Science*, Mathematics with a concentration in Mathematics or Mathematics Education with Secondary Education Certification (B.S.); Minors Offered: Computer Science, Mathematics

**The computer science major is being phased out; no new students are able to declare a Computer Science major. The computer science minor will continue to be offered.*

Professor E. McDowell; Associate Professors Hamid, Prince, Tapia and R. Taylor; Assistant Professors Cochran, Kapitza, and Wilstein; Lecturer Johnson; Instructor Leonard
Science Center, Room 355 Telephone: (706) 238-5856 Fax: (706) 238-7849

The growth of technology in our society has increased the need for individuals with analytical skills and experience in developing and using technology. Majors in the mathematical and computer sciences prepare students for a wide variety of careers requiring problem solving, logical reasoning and applications of current technology. Students who have majored in the mathematical sciences have received excellent preparation for graduate studies in a variety of fields, including engineering, law and medicine. The department offers majors in mathematics and computer science. Within the mathematics major, students may choose a mathematics or a mathematics education concentration. Students who choose the mathematics education concentration also take an education minor and are certified to teach mathematics in grades 6-12

in Georgia. All programs lead to the Bachelor of Science degree.

Computer Science Major (51 - 52 hours)*

**The computer science major is being phased out; no new students are able to declare a Computer Science major. The computer science minor will continue to be offered.*

The major requires a minimum of 41 semester hours of course work in computer science: 29 hours of core courses, and another 12 hours of advanced study within the field. An additional minimum of 3 to 4 semester hours of course work in mathematics is required to complete the major.

Required Core Courses		29 hours
CSC 120	Fundamentals of Computer Science I	3-2-4
CSC 121	Fundamentals of Computer Science II	3-2-4
CSC 219	Discrete Structures	3-0-3
CSC 220	Data Structures and Algorithms	3-2-4
CSC 300	Professional and Social Contexts	1-0-1
CSC 320	Algorithms and Models of Computation	3-0-3
CSC 340 I	Operating Systems	3-0-3
CSC 350	Computer Organization and Architecture	3-2-4
CSC 490 I	Senior Project	3-0-3

Computer science majors must earn a C or better in all CSC core courses.

Required Mathematics Courses:		10 - 11 hours
MAT 111	Elementary Statistics	3-0-3
MAT 201	Calculus I	4-0-4
One additional mathematics course chosen from among the following must also be completed. Students interested in pursuing graduate studies in computer science are strongly encouraged to take all three of these mathematics courses.		
MAT 202	Calculus II or	4-0-4
MAT 303	Linear Algebra or	3-0-3
MAT/CSC 319	Combinatorial Mathematics	3-0-3

Elective Courses:		12 hours
12 hours of computer science electives must be completed, chosen from the following:		
CSC/MAT 319	Combinatorial Mathematics	3-0-3
CSC 333	Imbedded and Real-Time Microprocessor Interfacing and Control	2-2-3
CSC 362	Database Management Systems	3-0-3
CSC 404I	Organization of Programming Languages	3-0-3
CSC 420	Advanced Topics in Computer Science	3-0-3
CSC 450	Net-centric Computing	2-2-3
CSC 498	Directed Study	1 to 3 hours

Practical Work Experience

Students must engage in and document a practical work experience. Common ways to satisfy this requirement include: participation in the BITS program (1 semester), academic internship (3 semester hours), and cooperative (co-op) work experience (80 work hours). Students are encouraged to consult the Career Development Center for assistance in pursuing internship or co-op experience. Alternate methods may be proposed by the student and submitted to the department for approval.

Computer Science Minor (24 hours)

Requirements for the Minor:		24 hours
CSC 120	Principles of Computer Science I	3-2-4
CSC 121	Principles of Computer Science II	3-2-4
CSC 219	Discrete Structures	3-0-3
CSC 220	Data Structures and Algorithms	3-2-4
CSC 320	Algorithms and Models of Computation	3-0-3

An additional 6 hours of CSC courses must be taken at the 300 level or above in residence at Berry.

Mathematics: Mathematics Concentration Requirements (44 hours):

Required Courses:		35 hours
CSC 120	Principles of Computer Science I	3-2-4
MAT 201	Calculus I	4-0-4
MAT 202	Calculus II	4-0-4
MAT 203	Multivariable Calculus	4-0-4
MAT/CSC 219	Discrete Structures	3-0-3
MAT 303	Linear Algebra	3-0-3
MAT 304	Differential Equations	3-0-3
MAT 305 I	Proof Structures and Techniques	3-0-3
MAT 403 I	Introduction to Abstract Algebra I	3-0-3
MAT 414	Real Analysis	3-0-3
MAT 490	Mathematics Seminar	1-0-1

Mathematics Elective Courses:		9 hours
Choose 9 hours of electives from the following courses:		
MAT 311	Probability and Statistics	3-0-3
MAT 312 I	Modern Geometry	3-0-3
MAT/CSC 319	Combinatorial Mathematics	3-0-3
MAT 417	Complex Analysis	3-0-3
MAT 420	Advanced Topics in Mathematics	3-0-3
MAT 498	Directed Study	1 - 3 hours

Mathematics: Mathematics Education with Secondary Education Certification (75 hours)

The following courses are required for a concentration in mathematics education with emphasis on teaching secondary mathematics.

Required Courses:		34 hours
CSC 120	Principles of Computer Science I	3-2-4
MAT 111	Elementary Statistics	3-0-3
MAT 201	Calculus I	4-0-4
MAT 202	Calculus II	4-0-4
MAT/CSC 219	Discrete Structures	3-0-3
MAT 303	Linear Algebra	3-0-3
MAT 305 I	Proof Structures and Techniques	3-0-3
MAT 312 I	Modern Geometry	3-0-3
MAT 340	Technology-Enhanced Instruction in Mathematics 5-12	3-0-3
MAT 400	Senior Seminar in Mathematics Education	1-0-1
MAT 403 I	Introduction to Abstract Algebra	3-0-3
Elective Mathematics Courses		6 hours
A minimum of three hours must be selected from the following courses:		
MAT 203	Multivariable Calculus	4-0-4
MAT 304	Differential Equations	3-0-3
MAT 498	Directed Study	1 - 3 hours
A minimum of three hours must be selected from the following courses:		
MAT 414	Real Analysis	3-0-3
MAT 417	Complex Analysis	3-0-3
MAT 420	Advanced Topics in Mathematics	3-0-3
MAT 498	Directed Study	1 - 3 hours
Secondary Education Minor (see teacher education department)		35 hours

Mathematics Minor Requirements

The minor in mathematics requires MAT 201, MAT 219, MAT 401 and 11 additional hours in mathematics courses; at least 8 of these additional hours must be numbered 300 or above.

Nursing Dual-Degree Program

Berry College and Nell Woodruff School of Nursing, Emory University

Dual Degree Nursing Major-Berry College Requirements (93 hours)

Faculty Coordinator: Glenda Orloff, Science Building 365B, 706-506-3121

The following coursework has been approved by Berry College and Emory University. Students completing the following coursework will meet Berry College general education requirements and those for entrance to the Nell Woodruff School of Nursing.

Communication:

COM 203	Introduction to Speech	3-0-3
ENG 101	First-Year Seminar in Rhetoric and Writing	3-0-3
ENG 102	First-Year Seminar in Critical Inquiry and Writing	3-0-3

Health and Physical Education:

KIN	Activity	0-2-1
KIN	Activity	0-2-1
KIN 220	First Aid or	2-0-1
KIN 221	Survey of Fitness or	0-2-1
KIN 222	College Health Topics	2-0-1

Behavioral Science:

The courses listed below are required by the Nell Woodruff School of Nursing at Emory and will satisfy the behavioral-science component of Berry's general education requirement.

ECO 110	Principles of Economics I	3-0-3
PSY 101	Introduction to Psychology	3-0-3
SOC 200	Introduction to Sociology	3-0-3

Humanities:

Choose five courses, one from each of the four areas, plus HUM 200 or a fifth course from any of the four areas to be counted as a Humanities elective.

Literature	(Choose any 200-level course)	3-0-3
History	(Choose one: HIS 154, 155, 205 or 206)	3-0-3
Fine Arts	(Choose one: ART 201, ART 202, MUS 215) Woodruff specifies music or art appreciation.	3-0-3
Religion /Philosophy	(Choose any 100-level Course)	3-0-3

Other Berry Requirements:

BCC 099	Library Skills or	
BCC 100	Freshman Seminar	1-0-1

Cultural Events:

Average of three for each semester of full-time enrollment at Berry.

Mathematics:

MAT 111	Elementary Statistics	3-0-3
---------	-----------------------	-------

Elementary Statistics is required by the Nell Woodruff School and will satisfy Berry's general education mathematics requirement.

Natural

Sciences:

BIO 111	Principles of Cell Biology	3-2-4
CHM 108	General Chemistry I	3-3-4

These science courses will satisfy Berry's general education requirement and are required by the Nell Woodruff School.

Electives**Outside**

Major/Minor: Two three-hour courses.

BIO 206	Human Anatomy and Physiology I*	3-2-4
PSY 221 I	Life-Span Developmental Psychology*	3-0-3

*These courses are required by the Nell Woodruff School and will satisfy the electives outside the major or minor for Berry's general educational requirements.

Additional Requirements for the Nell Woodruff School:

BIO 207	Human Anatomy and Physiology II	3-2-4
BIO 301	Microbiology	2-4-4
CHM 109	General Chemistry II	3-3-4
CHM 221	Organic Chemistry I	3-3-4

Information from Nell Woodruff Checklist:

Electives: Additional courses approved by the nursing faculty must combine with the above prerequisites (course specified by Emory) to equal at least 60 semester hours. Students are encouraged to take electives in the social sciences and humanities. Credit for biochemistry, pharmacology, physical education, applied art or music is not applicable in meeting general education requirements.

Berry Requirement:

Complete 93 hours at Berry or three-fourths of the program. This may include hours transferred to Berry College from other institutions, but a minimum of 62 hours must be completed in residence at Berry.

Berry Writing Requirement:

Students must complete two "writing-intensive" courses totaling a minimum of six semester hours. One of these may be at the 200 level; the other must be at the 300- or 400 level.

Department of Physics, Astronomy and Geology

School of Mathematical and Natural Sciences

Majors Offered: Physics Concentration I or II (B.S.), Physics with Secondary Education Certification (B.S.); Minors Offered: Geology, Physics

Professor Whatley; Associate Professors Lane and Timberlake; Assistant Professors Jovanelly and Robb. Science Center, Room 338 Telephone:(706) 290-2673 Fax: (706) 238-7855

General Education Coursework

While any course at the 100 or 200 level in Geology or Physics will meet the General Education

Requirement, the following courses are especially recommended to fulfill the general-education requirement from physics and geology.

PHY 101	Introduction to the Physical World	3-2-4
AST 106	The Solar System	3-2-4
AST 107	Stars, Galaxies and Cosmology	3-2-4
AST 120	The Copernican Revolution	3-2-4
AST 121	The Discovery of Galaxies	3-2-4
GEO 101	Physical Geology	3-2-4
GEO 102	Historical Geology	3-2-4
GEO 151	Geology of National Parks	2-3-4
GEO 155	Geology Field Studies Abroad	2-3-4

Dual Degree Engineering

Berry College maintains a dual-degree program with the College of Engineering at the Georgia Institute of Technology.

In this program, the student is scheduled to attend Berry for approximately three years (six semesters). Then the student will transfer to Georgia Tech and take courses there for approximately two years (four, possibly five additional semesters). At the end of that period, the student will have earned two baccalaureate degrees, one from Berry and one from Georgia Tech.

Under this program, students have the option of choosing a major or not choosing a major at Berry. Students choosing a major are encouraged to consider the Concentration II physics major that is specifically designed for dual-degree students and provides a strong background for a broad range of engineering specialties. Other majors are also possible. Certain ones may be particularly appropriate to a specific engineering specialty (e.g., chemical or computer engineering); however, these others majors may require an extra semester at Berry. If the student does not choose a major, the Berry degree will be in dual-degree engineering. The student is not limited in a choice of engineering specialty, although some specialties require certain courses at Berry and some may require an extra semester at Georgia Tech.

For more information, please contact the dual-degree coordinator: Dr. Charles Lane Dual-degree Coordinator, Campus Box 5004 Mount Berry, GA 30149-5004 706-290-2673 clane@berry.edu Room 338C, Science Building A general description of the requirements for the program with the Georgia Institute of Technology is listed below. The specific requirements of each engineering field may be found at:

Berry College Requirements

The student must complete 93 semester hours of courses at Berry. Among these courses, Berry requires the following:

Communication

COM 203	Introduction to Speech
ENG 101	First-Year Seminar in Rhetoric and Writing
ENG 102	First-Year Seminar in Critical Inquiry and Writing

Health and Physical Education

HPE Activity

HPE Activity

HPE 220 or

HPE 221 or

HPE 222

Behavioral and Social Sciences

ECO 110: This course is required by Georgia Tech and will count toward Berry's general education requirement in the behavioral and social sciences.

Select one course from two of the following three areas:

Government: GOV 211 (GA Tech requires students to take GOV 211 or HIS 205 or HIS 206)

Psychology: PSY 101

Sociology or Anthropology: SOC 200 or ANT 200

Humanities and Fine Arts

HIS 205 or HIS 206. (GA Tech requires students to take GOV 211 or HIS 205 or HIS 206)

Select one course from each of the three following areas:

Fine Arts: ART 201, ART 202, MUS 215 or THE 201

Literature: Any 200-level literature course

Religion or Philosophy: Any 100-level course

HUM 200 or additional course noted here as history, fine arts, literature, religion or philosophy.

Mathematics and Natural Sciences

MAT 201. This course is required by Georgia Tech and will count toward Berry's general education requirement in mathematics.

CHM 108. This course is required by Georgia Tech and will count toward Berry's general education requirement in the natural sciences.

PHY 211. This course is required by Georgia Tech and will count toward Berry's general education requirement in the natural sciences.

Electives

Two courses for a total of no less than 6 semester hours, selected outside the student's major discipline (if a major is chosen) and outside the student's minor discipline (if a minor is chosen).

Berry College Courses

BCC 099 or 100

Other Berry College Requirements

Writing-Intensive Courses: Students must complete two "writing-intensive" courses totaling a minimum of six semester hours at the 300 level or above. One of these courses must be PHY 307 I (see "Department Requirement" below); if the student has not chosen a major, then the other course may be from any discipline.

Cultural Events: The student must attend three approved cultural events for each semester of full-time enrollment at Berry.

Department Requirement

The Department of Physics, Astronomy and Geology requires that PHY 307WI be taken by all dual-degree engineering students, in partial fulfillment of Berry's writing-intensive requirement.

Georgia Tech Requirements

For admission to Georgia Tech under the dual-degree program, the student must complete the 93 semester hours at Berry. Students must have the following minimum GPA in all courses and in math/science courses: 2.7 for Georgia residents, 3.0 for US citizens and permanent residents not from Georgia, 3.5 for international students. You should take:

Mathematics:

MAT 201

This course will satisfy Berry's general education requirement for mathematics.

MAT 202, MAT 203,
MAT 303, and MAT 304

Computer Science:

CSC 120

CSC 121

(strongly recommended)

Natural Sciences:

CHM 108

This course will satisfy Berry's general education requirement for the natural sciences.

CHM 109

PHY 211

This course will satisfy Berry's general education requirement for the natural sciences.

PHY 212

BIO 111

(only for those pursuing a degree in civil engineering)

General Courses:

ENG 101, ENG 102

GOV 211 or HIS 205 or

HIS 206

ECO 110

Geology

Geology is the study of the materials, processes and history of the earth including rocks and minerals, resources, landforms and the biotic and abiotic history of the planet. Geology is a science conducted in the classroom, the laboratory and the field.

The geology program has three major functions:

1. To prepare environmental sciences majors with a concentration in geoscience for entrance into graduate schools in environmental science, geology or law;
2. To provide courses in geology for general education requirements and middle school

- teacher certification, and
- To benefit anyone seeking a minor in college.

Geology Minor Requirements (18 hours):

Required Courses:		6 hours
GEO 101	Physical Geology	3-2-4
GEO 102	Historical Geology	3-2-4

Elective Geology Courses:		10 hours
Choose 10 hours from the following courses:		
GEO 155	Geology Field Studies Abroad	3-3-4
GEO 320	Environmental Geology	3-3-4
GEO 350	Advanced Topics in Geology	1 to 4 hours
GEO 360	Geomorphology	3-3-4
GEO 420	Hydrology	3-2-4
GEO 498	Directed Study	1 to 4 hours

From the Gulf Coast Research Laboratory (GCRL) students may take up to two Gulf Coast Research Laboratory (GCRL) courses as a Berry transient during the summer term.

Physics

Physics, originally called natural philosophy, is the study of the physical world. Astronomy is the scientific study of the heavens and began as an independent discipline but came to be closely linked with physics in the 20th century. Physicists and astronomers use experiments and observations to study matter and energy, and to analyze the results and formulate theories using mathematics. Logical thinking and problem solving are emphasized.

Aims of the department of physics are to

- Prepare physics majors for graduate schools or jobs in government laboratories or industry,
- Guide dual-degree engineering students through their three years of education at Berry,
- Provide courses in physics and astronomy as a service to other departments,
- Help in preparing secondary-school teachers of science, and
- Provide scientific training for individuals who enjoy physics and astronomy but want to work in other fields.

Physics Concentration I Major (54 hours)

Concentration I is for students aiming for careers in physics

Required Physics Courses	31 hours
---------------------------------	-----------------

PHY 211	General Physics I with Calculus	3-2-4
PHY 212	General Physics II with Calculus	3-2-4
PHY 307 I	Modern Physics	3-0-3
PHY 310	Measuring the Fundamental Constants or	1-2-2
PHY 311	Experimental Methods in Physics	1-2-2
PHY 320	Mathematical Methods in Physics	3-0-3
PHY 321	Computational Methods in Physics	3-0-3
PHY 402 I	Classical Mechanics	3-0-3
PHY 403	Electrodynamics	3-0-3
PHY 410	Thermodynamics and Statistical Mechanics	3-0-3
PHY 430 I	Quantum Mechanics	3-0-3

Required non-physics courses: 19 hours

CHM 108	General Chemistry I	3-3-4
MAT 201	Calculus I	4-0-4
MAT 202	Calculus II	4-0-4
MAT 203	Multivariable Calculus	4-0-4
MAT 304	Differential Equations	3-0-3

Physics and Astronomy Electives 4 hours

4 additional hours of physics and astronomy, which may include AST 120 The Copernican Revolution but no other 100-level astronomy or physics courses.

Students who plan to attend graduate school should take additional courses in physics and mathematics, including MAT 303 Linear Algebra.

Physics Concentration II Major (49 hours)

Concentration II is for students who desire a major in physics, such as those planning to teach physics at the secondary level or those with interests in engineering, meteorology or careers not specifically scientific or technical. Concentration II requires a minimum of 30 semester hours of physics and astronomy, of which at least 15 must be in the 300 and 400 levels from lecture courses not cross-listed. In the case that a student transfers to an engineering school (as in the dual-degree engineering program; see below), a number of the physics hours may be transferred back, subject to the approval of Berry's physics department.

Required Physics Courses: 25 hours

PHY 211	General Physics I with Calculus	3-2-4
PHY 212	General Physics II with Calculus	3-2-4
PHY 307 I	Modern Physics	3-0-3
PHY 310	Measuring the Fundamental Constants or	1-2-2
PHY 311	Experimental Methods in Physics	1-2-2
PHY 320	Mathematical Methods in Physics	3-0-3
PHY 321	Computational Methods in Physics	3-0-3
PHY 402 I	Classical Mechanics	3-0-3
PHY 403	Electrodynamics	3-0-3

Physics/Astronomy Electives: **5 hours**
 5 additional hours of physics and astronomy, which may include any 100-level astronomy or physics classes except PHY 111 or 112.

Additional Math and Science Requirements: **19 hours**

MAT 201	Calculus I	4-0-4
MAT 202	Calculus II	4-0-4
MAT 203	Multivariable Calculus	4-0-4
MAT 304	Differential Equations	3-0-3
CHM 108	General Chemistry I	3-3-4

Physics with Secondary Education Certification (84 hours)

Students planning to become certified to teach physics in the Georgia public secondary schools must complete either concentration in the physics major and minor in secondary education. In order to become certified to teach physics in Georgia, students must also pass the Georgia Assessment for the Certification of Educators (GACE). Students should choose a second advisor from the teacher education department.

Department of Psychology

Charter School of Education and Human Sciences

Majors Offered: Psychology (B.A. and B.S.); Minor Offered: Psychology

Faculty: Professors Bell, Briggs, Jennings; Associate Professors Bissonnette, Diliberto-Macaluso, Haney, Hughes, Logsdon-Conradsen and Johnson-Pynn
 Cook Building Telephone: (706) 290-2660

Objectives

The psychology major is a course of study leading to the degree of Bachelor of Arts or Bachelor of Science. The psychology major fosters the development of students' understanding of the theory and content of psychology; utilization of research methods and critical thinking skills; application of psychology to personal, social and organizational issues; and acting ethically based on the values of the profession. The major prepares students for graduate study and/or careers that apply their academic background in psychology.

Psychology Major (40 hours)

Required Courses: **13 hours**

PSY 101	Introduction to Psychology <i>or</i>	3-0-3
PSY 103	Psychology in Context	3-0-3
PSY 205	Orientation to Psychology	1-0-1
PSY 360 I	Research Methods and Statistics I	3-0-3
PSY 361 I	Research Methods and Statistics II	3-0-3
PSY 470 I	History and Systems of Psychology	3-0-3

Psychology Elective Courses:	27 hours
Students should complete at least three of the following courses:	
PSY 207 Psychology of Personality	3-0-3
PSY 221 I Life-Span Developmental Psychology	3-0-3
PSY 304 Social Psychology	3-0-3
PSY 318 Abnormal Psychology	3-0-3
and at least one course chosen from:	
PSY 405 I Learning or	3-0-3
PSY 406 I Cognitive Psychology	3-0-3
and at least one course from:	
PSY 410 Sensory and Perceptual Processes or	3-0-3
PSY 411 Behavioral Neuroscience	3-0-3
and 12 additional hours of psychology electives	12 hours
Total	40 hours

Special Qualifications

Participation in a research practicum (PSY 298) requires at least sophomore status. Participation in an internship (PSY 496) and directed study (PSY 498) requires at least junior status. The internship consists of from three to six semester hours of credit and may, with permission, be repeated for a total of 12 hours of credit. No more than six internship credit hours may be applied to the psychology major, and no more than three internship credit hours may be applied to the psychology minor.

All psychology majors must complete the Educational Testing Service's Major Field exam in psychology during their last semester.

Psychology Minor (18 hours)

A minor in psychology requires PSY 101 or PSY 103 and 15 semester hours of psychology electives, 9 of which must be at the 300-400 level.

Department of Religion and Philosophy

Evans School of Humanities, Arts and Social Sciences

Majors Offered: Religion and Philosophy (B.A.) with a concentration in Religion, Philosophy, or Dual Concentrations; Minors Offered: Philosophy, Religion

Faculty: Professors Kennedy, McKenzie and Papazian; Associate Professor Lidke; Visiting Assistant Professors Barnett and Boone

Evans Hall, Room 102 Telephone: (706) 236-2279

Courses in religion and philosophy demand rigorous study and willingness to examine objectively and sympathetically various religious and philosophical viewpoints. The objective of the study of religion and philosophy is to enable students to gain a greater understanding of their own heritage and outlook and the heritage and outlook of others.

The department offers a major in religion and philosophy with a concentration in either area; a dual concentration in religion and philosophy; a minor in religion; and a minor in philosophy.

It also offers the opportunity to structure a strong interdisciplinary major with philosophy or religion as the core. See the section on Interdisciplinary Studies.

A major in religion and philosophy consists of 36 semester hours, including the 3-hour general-education requirement. Since religion and philosophy majors earn the Bachelor of Arts degree, they must meet the foreign-language requirements of that degree.

The combined religion and philosophy major can provide a strong liberal arts concentration. This major prepares students for theological seminary; law or business schools; or graduate work in religion, philosophy and other fields in the humanities.

Religion and Philosophy Major: Philosophy Concentration (36 hours)

Students are required to take:	36 hours
PHI 150 Introduction to Philosophy	3-0-3
PHI 152 Critical Thinking or	3-0-3
PHI 353 Symbolic Logic	3-0-3
PHI 351 Ancient and Medieval Philosophy	3-0-3
PHI 352 Early Modern Philosophy	3-0-3
PHI 425 I Senior Thesis	3-0-3
Any five additional courses in philosophy	15 hours
Two courses in Religion	6 hours

Religion and Philosophy Major: Religion Concentration (36 hours)

Students take two courses from each of the following areas:	
The Christian Tradition	3 hours
REL 101 Interpreting the Old Testament	3-0-3
REL 102 Interpreting the New Testament	3-0-3
REL 103 Introduction to Christian Theology	3-0-3
REL 107 Introduction to Christian Ethics	3-0-3
REL 305 I History of Christianity	3-0-3
REL 320 Seminar in Biblical Studies	3-0-3
World Religions	3 hours
REL 100 World Religions	3-0-3
REL 326 Seminar in World Religions	3-0-3
REL 372 Scripture, Culture, and Experience	3-0-3
REL 382 Women in World Religions	3-0-3

Additional Requirements: 24 hours

REL 425 I	Senior Thesis	3-0-3
	Five additional courses in Religion	15 hours
	Two courses in Philosophy	6 hours

Religion and Philosophy Major: Dual Concentration (63 hours)

Students must complete the specific requirements for the concentration in religion and the concentration in philosophy, including elective courses. Up to six hours of the same course work may count toward the requirements for both the religion and the philosophy concentration. However, students with the dual concentration are only required to complete REL/PHI 425 once.

Philosophy Minor (21 hours)

PHI 150	Introduction to Philosophy or	3-0-3
PHI 152	Critical Thinking	3-0-3
	One course in Religion	3-0-3
	Five additional courses in Philosophy, at least three of which must be at the 300 or 400 level.	15 hours

Religion Minor (21 hours)

REL 100	World Religions or	3-0-3
REL 101	Interpreting the Old Testament or	3-0-3
REL 102	Interpreting the New Testament	3-0-3
	Plus one course in philosophy and five additional courses in religion, at least three of which must be at the upper level.	18 hours

Department of Sociology and Anthropology

Evans School of Humanities, Arts and Social Sciences

Majors Offered: Sociology and Anthropology B.A. (Sociology Concentration, Anthropology Concentration, Dual Concentration); Minors Offered: Anthropology, Sociology

Faculty: Associate Professors Allred, Lewinson and McConkey; Assistant Professor Knowlton
Evans Hall, Room 109B Telephone: (706) 236-2222; Fax: (706) 236-2205

Sociology and anthropology develop our understanding of what it means to be human by exploring the differences and similarities within and between cultures and societies. These disciplines study the organization of groups as well as the experiences and values of their members. They give insight into human belief and behavior in groups ranging from a small community organization to a large multicultural society. Through hands-on activities, students learn how to conduct ethnographic research, data analysis, and community-based research, as well as improve their writing and critical thinking. These skills enable our majors to understand,

work with, and train those who will work with people from many backgrounds. After graduation, majors are prepared to work in fields such as social work, business, education, missions, human relations, museums and cultural heritage, public health, the non-profit sector, environmental advocacy, law enforcement, and government. Others continue their education in graduate programs at leading universities. A sociology and anthropology degree also helps prepare students going on to professional programs in law, medicine, public health, and urban planning, among others.

Sociology and anthropology majors may pursue either a Bachelor of Arts or Bachelor of Science degree. Students pursuing a Bachelor of Arts degree must complete the foreign-language requirements for that degree. Students pursuing a Bachelor of Science degree must successfully complete a minimum of six courses that fulfill the quantitative course requirements for the B.S. degree. Though not required, Bachelor of Science majors are strongly encouraged to take at least eight hours of a foreign language as well.

Sociology and Anthropology Major (either concentration 39 hours, dual concentration 51 hours)

The sociology and anthropology major includes nine hours of Level 1 core courses, six hours of Level 2 core courses, 12 hours of Level 3 courses (in area/s of concentration), three hours of Level 4 course work (Senior Project), and an additional nine hours of electives within the major.

Majors may choose one of two concentrations—sociology or anthropology. Alternatively, majors may elect to have a dual concentration in both sociology and anthropology. A concentration in sociology consists of 12 hours of Level 3 SOC courses. A concentration in anthropology consists of 12 hours of Level 3 ANT courses. Students who choose to have a dual concentration must complete both 12 hours of Level 3 SOC courses and 12 hours of Level 3 ANT courses in addition to the core courses, electives and Senior Project.

Ideally, students should progress through the following sequence of courses chronologically, taking Level 1 courses first and finishing with the Level 4 course. However, students may take Level 2 and Level 3 courses concurrently.

Level 1 Core Courses **9 hours**

The following must be taken by all sociology and anthropology majors:

ANT 200	Cultural Anthropology	3-0-3
MAT 111	Elementary Statistics	3-0-3
SOC 200	Introduction to Sociology	3-0-3

Level 2 Core Courses **6 hours**

The following must be taken by all sociology and anthropology majors:

SOC or ANT 300 I	Social Theory	3-0-3
SOC or ANT 305 I	Social-Science Research Methods	3-0-3

Level 3 Courses for the Sociology Concentration: 12 hours

To earn a concentration in sociology, students must complete four of the following:

SOC 225	Social Problems	3-0-3
SOC 310	Latinos in the United States	3-0-3
SOC 320	Criminology	3-0-3
SOC 335	Social Inequality: Race, Class and Gender	3-0-3
SOC 345	Sociology of Health	3-0-3
SOC 350	Sociology of the Family	3-0-3
SOC 355	Environmental Sociology	3-0-3
SCO 360	Special Topics in Sociology	3-0-3
SOC 370	Sociology of Religion	3-0-3
SCO 375	Sociology of Disability	3-0-3
SOC 380	Community	3-0-3
SOC 387	Gender, Law and Society	3-0-3
SOC 430	Sex, Gender, and Sexuality in Society	3-0-3
SOC 450	Seminar in Sociology	3-0-3
SOC 496	Academic Internship	3 - 6 hours
SOC 498	Directed Study	1 - 3 hours

Level 3 Courses for the Anthropology Concentration: 12 hours

To earn a concentration in anthropology, students must complete four of the following:

ANT 301	Peoples of Latin America and the Caribbean	3-0-3
ANT 320	Gender in Anthropological Perspective	3-0-3
ANT 325	Anthropology of Popular Culture	3-0-3
ANT 330	Anthropology of the Body	3-0-3
ANT 340	Globalization and Local Communities	3-0-3
ANT 350	African Cultures	3-0-3
ANT 360	Special Topics in Anthropology	3-0-3
ANT 365	Magic, Science, Religion	3-0-3
ANT 380	Applying Anthropology	3-0-3
ANT 390	Urban Anthropology	3-0-3
ANT 450	Seminar in Anthropology	3-0-3
ANT 496	Academic Internship	3 - 6 hours
ANT 498	Directed Study	1 - 3 hours

Level 4 Courses 3 hours

One of the following two courses must be completed by all sociology and anthropology majors, depending on concentration:

ANT or SOC 480 I	Senior Project	3-0-3
------------------	----------------	-------

Electives 9 hours

Majors must also complete nine additional hours of SOC or ANT courses, or courses in other disciplines approved by the department. (Please see your advisor or the department chair for a list of these courses.) These courses may not count toward the major's area of concentration.

Anthropology Minor (18 hours)

To earn a minor in anthropology, students must complete the following:

ANT 200	Cultural Anthropology	3-0-3
ANT 300	Social Theory <i>or</i>	3-0-3
ANT 305	Social Science Research Methods	3-0-3

and 12 additional hours of anthropology courses, nine of which must be at the 300 level or above. Within the 12 hours of electives students may substitute up to 3 hours of Sociology (SOC) courses or WNS 210.

Sociology Minor (18 hours)

To earn a minor in sociology, students must complete the following:

SOC 200	Introduction to Sociology	3-0-3
SOC 300	Social Theory <i>or</i>	3-0-3
SOC 305	Social Science Research Methods	3-0-3

and 12 additional hours of sociology courses, nine of which must be at the 300 level or above. Within the 12 hours of electives students may substitute up to 3 hours of Anthropology (ANT) courses or WNS 210.

Department of Teacher Education

Charter School of Education and Human Sciences

**Majors Offered: Elementary Education (P – 5), Middle Grades Education (4 – 8);
Minor Offered: Secondary Education (6 – 12)***

**The secondary education minor is coupled with a major in a content area that will lead to certification within a content area at the secondary education level.*

Faculty: Professors Bell, Clement, Inman, Jennings, Jory, McDowell, Marlow, and Green
Professor Wakefield; Associate Professors Belvin, Carpenter, Ference, Haney, Johnson-Pynn,
Kurz; Assistant Professors Edwards, and Pu; Instructor Roe; Director of Field Experiences and
Student Teaching Outlaw; Administrator in Residence Nelson; Director of Pathways to Teaching
program Smith

The teacher-education programs at Berry have a long and distinguished history of excellence. Our faculty thrives on both proven and fresh ideas, superior teaching and “the personal touch.” Classes are usually small, allowing for individual attention and rich interactions among faculty and students. Because we think diverse experiences make stronger teachers, students have numerous opportunities for travel and study in international locales. Our common purpose is best expressed through the conceptual framework, “developers of human potential.” As developers of human potential, we have crafted a learning environment that values compassion, stimulates the intellect and encourages original thinking.

Berry's three on-campus schools, the Child Development Center (for ages 3-5), the Berry College Elementary School (for grades K-6) and the Berry College Middle School (for grades 7-8), are private schools (open to the public) that provide models of best teaching practice. The Child Development Center is housed in a set of log cabins on the main campus and features several play areas, including a large playground and a variety of outdoor classroom facilities. Located on a scenic hilltop on the mountain campus, Berry College Elementary & Middle School sports three playgrounds, a historic library and a gymnasium/auditorium. Two demonstration classrooms are also housed in the Cook building. The Child Development Center and Berry College Elementary and Middle Schools are used for observation, field experiences and student teaching experiences.

Additional field experiences are scheduled in any one of several P - 12 schools with which Berry College has an extensive, ongoing, collaborative relationship. The Office of Field Experience and Student Teaching works diligently to place Berry students with the most outstanding teachers in the area. The Office of Field Experiences and Student Teaching monitors student progress toward teacher certification, from admission to the teacher-education programs through student teaching.

All certification requirements are established by the Georgia Professional Standards Commission (PSC). Berry College standards are subject to change based on the PSC requirements.

Objectives

The objective of the teacher-education program is to prepare teachers who are developers of human potential. Martha Berry, the founder of Berry College, saw potential where others did not in the Appalachian youth for whom the Berry Schools and, later, the college were established. Like Martha Berry, we believe the role of excellent teachers is to develop the potential every student has to gain a lifelong appreciation of learning; to acquire the basic skills and wide repertoire of thinking strategies with which to construct and evaluate knowledge; to become morally responsible and fully participating partners in a democratic society within an ever-changing world; to develop and enhance a healthy self-esteem; and to work cooperatively with others to foster improvements in society. In order to be developers of human potential, teachers should (1) promote reflection and decision making (head), (2) facilitate learning (hands) and (3) enhance self- and social awareness (heart). To meet the expectations of these roles, teachers' actions must rest on the foundations of what they know through research (head), the collective wisdom of experience (hands) and their own values (heart). There must be a constant interaction between this knowing and doing. Teachers must continually reflect on lesson implementation, instructional materials used, student responses, school environment and values. This reflection in turn produces more knowledge, which is then used to refine what teachers do. The Field Experience Handbook elucidates the 10 principles that form the basis of the teacher-education program at Berry College.

Accredited Programs

Teacher-education programs, approved by the Georgia Professional Standards Commission and the National Council for Accreditation of Teacher Education, and leading to teaching

certification, are offered in these areas:

Early Childhood (P-5)

Middle Grades (4-8)

Secondary (6-12)

English

Mathematics

Biology

Chemistry

Physics

History

Government

Preschool–12th Grade (P-12)

Art

Foreign Language

French

German

Spanish

Health and Physical Education

Music

Requirements

Admission to Teacher-Education Program

A student who desires admission to the teacher-education program must meet the following criteria and assume responsibility for following guidelines published by the Charter School of Education and Human Sciences. Students are eligible to be considered for admission to the teacher-education program after they have accomplished the following:

1. Completed EDU 102 with a C or better. Please note: A grade of C is equal to 2.0 on a 4-point scale; a grade of C- (1.7) is insufficient for courses requiring a C (2.0) or better.
2. Completed two semesters of college work and have at least a 2.50 grade-point average.
3. Passed the GACE Basic Skills Assessment or attained sufficient scores on the SAT or ACT as defined by the GA PSC to waive GACE requirements.
4. Completed the application form for admission to the teacher-education program and the ethics statement and insurance-coverage waiver, and filed it along with two letters of recommendation from college faculty with the director of field experiences and student teaching in the Charter School of Education and Human Sciences.
5. Satisfied an employment criminal-history clearance (completed background check).

Education courses at or above the 300 level may not be taken until the student is admitted to the teacher-education program. When students are accepted into the program, careful consideration is given in planning their academic program to ensure coordination between the major professor in their academic field and the director of field experiences and student teaching.

Requirements for Senior Practicum

Student teaching is a vital part of the teacher-education program. During the field-based senior-year experience, students are supervised by a certified teacher with a minimum of three years' in-field experience and by a Berry faculty member. Students participate in courses encouraging reflection on their experiences, thereby integrating college

coursework with classroom practice.

To be eligible for Senior Practicum, a student must have

1. been admitted to the teacher-education program;
2. completed application for student teaching, including the advisor's signature; submitted application form to the Office of Field Experience and Student Teaching by the third Friday of the semester, one (1) year before planning to begin the senior practicum;
3. Completed the biographical data form and submitted it to the Office of Field Experience and Student Teaching by the third Friday of the semester, one (1) semester before beginning the senior practicum;
4. Earned a grade of C (2.0) or better in each course in the major field;
5. Earned a grade of C (2.0) or better in each course taken in the professional-educational sequence;
6. A 2.50 cumulative grade-point average; and
7. Received recommendation of the academic advisor and the director of field experiences and approval of the Admissions and Certification Committee;
8. Completed all assigned field experiences.

Requirements for Student Teaching (EDU 499)

Continuation in the field-based senior year is predicated upon the student's progress in the initial semester of the senior practicum, as well as his/her progress in the academic coursework.

To be eligible to continue the field-based senior year, the student must have:

1. The recommendation of the cooperating teacher;
2. The recommendation of the college supervisor;
3. Completed the request form for continuing in student teaching, submitted to the Office of Field Experience and Student Teaching by the seventh week of the semester during student teaching;
4. Taken GACE Content Assessment prior to the beginning of the semester in which he/she is enrolled in EDU 499, and had scores sent to Berry College;
5. Maintained at least a 2.5 cumulative grade-point average;
6. Earned a C (2.0) or better in each course in the professional education sequence, the major field, COM 203 and an approved math course;
7. Earned a C (2.0) or better in ENG 102.

Applications should be made one year before the semester in which the student desires to engage in student teaching. For detailed requirements, see The Student Teaching Handbook, available in the office of the director of field experiences and student teaching.

Special Qualifications

All teacher-preparation students are required to maintain a minimum grade of C in all education courses and in all subject-area courses counted toward the major. As a grade of C is equal to 2.0 on a 4-point scale; a grade of C- (1.7) is insufficient for courses

requiring a C or better.

Prior to being certified in the state of Georgia, a student must pass the GACE Content Assessments in her or his area of preparation. Students must take the GACE Content Assessments and have the score released to Berry College prior to beginning the semester in which they are enrolled in EDU 499 or they will be required to complete another exit exam.

Graduate Programs

Berry College offers a Master of Arts in Teaching, a Master of Education degree in early childhood (P-5) education, in middle-grades (4-8) education, in secondary (6-12) education and in reading. Also offered is an Education Specialist program with leadership focus. Details regarding these programs, admission requirements and course credits may be secured from the Charter School of Education and Human Sciences office, the dean of admissions or the Graduate Catalog. More information is available at <http://www.berry.edu/academics/education/graduate>.

Early Childhood Education Major (P-5) (71 hours)

The early childhood education major leads to the Bachelor of Science degree and prepares teachers for certification in preschool (P) through grade 5. Early childhood education teachers must have an extensive general education, a thorough understanding of the principles of human growth and development, specialized study in a variety of professional-education courses, experiences designed to prepare teachers for working with preschool children and planned field-based experiences with diverse and exceptional children. These experiences must provide application and synthesis of theoretical learning.

A minor is not required when majoring in early childhood education.

Course Requirements:		71 hours
EDU 102	Orientation to Teacher Education	1-0-1
EDU 205	Foundations of Education and Psychology (Grades P-5)	3-1-4
EDU 221	Exploration of Diverse Cultures Seminar <i>and</i>	1-0-0
EDU 222	Exploration in Diverse Cultures	1-4-3
EDU 227	Preschool Curriculum and Methods	2-2-3
EDU 260	Technology Applications for Educators	3-0-3
EDU 320	ECE Literacy Instruction	4-0-4
EDU 321 I	Language Arts for Early Childhood	4-0-4
EDU 322	Integrated Arts and Cultures for Early Childhood I	3-0-3
EDU 323	Cultures and Communities in ECE	3-0-3
EDU 340	Science for Early Childhood Education	3-0-3
EDU 370 I	Curriculum and Methods for Early Childhood I	2-2-3
EDU 371 I	Curriculum and Methods for Early Childhood II	2-2-3
EDU 405	Instructional Management	2-0-2
EDU 429	Reading Evaluation and Assessment	3-0-3
EDU 488	Senior Practicum	4 hours

EDU 490	Professional Seminar	1-0-1
EDU 495	Teaching of English as a Second Language: Methods and Materials	3-0-3
EDU 499	Student Teaching	9 hours
ENG 204	Introduction to Linguistics*	3-0-3
MAT 220	Mathematics for Teachers (P – 8)	3-0-3
MAT 321	Mathematical Inquiry in Early Childhood Education	3-0-3
PSY 434	Psychology and Education of Exceptional Children and Youth	3-0-3

*ENG 204 can also satisfy one of the 3-hour courses in the general education electives outside the major/minor.

Middle-Grades Education Major (4-8) (87 hours)

The middle-grades (MG) education major leads to the Bachelor of Science degree and prepares teachers for certification in grades 4-8. The middle-grades teacher must have a broad general education in addition to knowledge of the techniques and materials needed to teach many different subjects.

Students majoring in middle-grades education are required to choose a primary concentration and a secondary concentration in addition to the professional-education courses. The primary concentration will be chosen from the areas of language arts, science, social studies or mathematics. The secondary concentration will be selected from one of the three areas not chosen for the primary.

Some courses satisfying general-education requirements may also satisfy primary and secondary concentrations; however, courses satisfying professional education or the major may not be counted again in the concentration. Each concentration must consist of at least 15 hours and a content pedagogy course. It is suggested that middle-grades majors have a faculty mentor in their area of primary concentration in addition to their education advisor.

Core Course Requirements:		51 hours
EDU 102	Orientation to Teacher Education	1-0-1
EDU 206	Foundations of Education and Psychology (Grades 4-12)	3-2-4
EDU 221	Exploration in Diverse Cultures Seminar	1-0-0
EDU 222	Exploration in Diverse Cultures	1-4-3
EDU 331 I	Middle Grades Literacy Instruction	4-0-4
EDU 375 I	Curriculum and Methods for the Young Adolescent Learner	2-2-3
EDU 376	Methods and Curriculum for Middle Grades	3-2-4
EDU 405	Instructional Management	2-0-2
EDU 430	Reading and Writing in the Content Areas	3-0-3
EDU 489	Senior Practicum	2 hours
EDU 490	Professional Seminar	1-0-1
EDU 495	Teaching of English as a Second Language: Methods and	3-0-3

	Materials	
EDU 499	Student Teaching	9 hours
ENG 204	Introduction to Linguistics*	3-0-3
MAT 220	Mathematics for Teachers (P – 8)	3-0-3
PSY 434	Psychology and Education of Exceptional Children and Youth	3-0-3

*ENG 204 can also satisfy one of the 3-hour courses in the general education electives outside the major/minor.

Concentration Areas (choose one primary and one secondary as described above.) **36 hours**

Language Arts Concentration Requirements: **18 hours**

COM 201	Mass Communication and Society	3-0-3
EDU 330	Language Arts for Middle Grades	4-0-4
ENG 427	Young Adult Literature	3-0-3
	One course in writing from among the following:	
ENG 301	Introduction to Creative Writing: Poetry	3-0-3
ENG 302	Introduction to Creative Writing: Fiction	3-0-3
ENG 303 I	Advanced Rhetoric and Writing	3-0-3
	Six additional hours in ENG or COM	6 hours

Science Concentration Requirements: **18 hours**

Students will complete EDU 341 and one sequence of the following courses:

BIO 111*	Principles of Cell Biology	3-2-4
BIO 202	Principles of Zoology	3-2-4
BIO 215	Principles of Microbiology and Botany	3-2-4
EDU 341	Science for Middle Grades Education	3-0-3
GEO 101*	Physical Geology and	3-2-4
GEO 102	Historical Geology	3-2-4
PHY 111*	General Physics I with Algebra and	3-2-4
PHY 112	General Physics II with Algebra or	3-2-4
PHY 211*	General Physics I with Calculus and	3-2-4
PHY 212	General Physics II with Calculus	3-2-4

Students must also take one course in each of the other two disciplines or chemistry for a total of four courses representing three different areas of science for a minimum total of 15 hours.

*may require additional mathematics pre-requisites

Social Science Concentration Requirements: **18 hours**

EDU 215	Integrated Arts and Cultures for Middle Grades	3-0-3
HIS 154	World History to 1550	3-0-3
HIS 155	World History Since 1550	3-0-3
HIS 205	American History to 1877	3-0-3
SOC 335	Social Inequality: Race, Class and Gender or	3-0-3
GOV 300-level course		3 hours

Three additional hours in ECO or GOV 3 hours

Mathematics Concentration Requirements		18 hours
MAT 120	Pre-calculus	4-0-4
MAT 145	Applied Calculus or	3-0-3
MAT 201	Calculus I	4-0-4
MAT 220*	Mathematics for Teachers P-8	3-0-3
MAT 322	Mathematical Inquiry in the Middle Grades	3-0-3
MAT 324	Geometry for the Middle Grades	3-0-3
Three additional hours in MAT		3 hours

Secondary Education or P – 12 Education Minor (35 hours)

Students interested in teaching in grades 6-12 should have a major in a subject area and a minor in secondary education. Secondary teacher certification is available in English, mathematics, biology, chemistry, physics, history and government. Students seeking teacher certification at the secondary level have two advisors, a major advisor in the subject area and a minor advisor in education.

P-12 certification (preschool through twelfth grade) is available in art, French, German, Spanish, health and physical education and music. Students seeking P-12 teacher certification have two advisors, a major advisor in the subject area and a minor advisor in education.

Minor Requirements:		35 hours
EDU 102	Orientation to Teacher Education	1-0-1
EDU 206	Foundations of Education and Psychology (Grades 4-12)	3-2-4
EDU 221	Exploration in Diverse Cultures Seminar	1-0-0
EDU 222	Exploration in Diverse Cultures	1-4-3
EDU 380	Curriculum and Methods for Secondary Education	3-2-4
EDU 405	Instructional Management	2-0-2
EDU 490	Professional Seminar	1-0-1
EDU 495	Teaching of English as a Second Language: Methods and Materials	3-0-3
EDU 497	Student Teaching (Secondary, P-12) or	0-11-11
EDU 489	Senior Practicum and	2 hours
EDU 499	Student Teaching	9 hours
ENG 204	Introduction to Linguistics	3-0-3
PSY 434	Psychology and Education of Exceptional Children and Youth	3-0-3

Special Qualifications

English majors will also take EDU 430.

Physical-education majors are required to take HPE 305 instead of EDU 380.

Music majors will take MUS 305 instead of EDU 380.

Art majors will also take ART 304.

Foreign-language majors will also take 400 FLA listed in their majors.

It is strongly recommended that all secondary and P-12 education students take EDU 260 Technology Applications for Educators or a computer class within their content area.

Women's and Gender Studies

Minor Offered: Gender and Women's Studies

Faculty: Professors Granrose and McKenzie; Associate Professors Bucher, Countryman, Ference, Hill, Johnson, Lidke, Logsdon-Conradsen, Snider, Troy and Whelan; Assistant Professors Allred and Baker; Cook 337 Telephone: (706) 236-5494

As young men and women enter the twenty-first century, they encounter an entirely new, historically unprecedented set of gender relations. Over the course of the twentieth century, women have increasingly entered the public sphere of work, politics and cultural production, and their position within the private, domestic sphere has changed accordingly. Given this radical revision of the position of women in all aspects of Western culture, it is appropriate for students to explore the causes of this gender revolution, to examine its effects in the present and to analyze the future possibilities for harmonious adjustment to it. The minor in women's studies is designed to facilitate these goals, as well as to increase students' awareness of the impact of changing gender roles on their major fields of study.

The minor in women's studies requires the successful completion of 18 credit hours. Students are urged to complete WNS 210 Introduction to Women's Studies as early in their minor program as possible.

Gender and Women's Studies Minor (18 hours)

Students must complete:

WNS 210	Introduction to Women's Studies	3-0-3
WNS 412	Women's Studies Seminar	3-0-3

And four courses chosen from the following:

ANT 320	Women in Global Perspective	3-0-3
ART 413 I	Women and Art	3-0-3
BUS 212	Gender and Business	3-0-3
COM 418	Gender and Media	3-0-3
EDU 409	Gender and Education	3-0-3
ENG 432	Studies in Southern Literature - Southern Women Writers*	3-0-3
ENG 342	Women's Literature	3-0-3
ENG 434	Gender and Language	3-0-3
FLM 418	Women Directors*	3-0-3
GOV 350	Women and Politics	3-0-3
HIS 375 I	U.S. Women's History	3-0-3
MUS 346	Women in Music	3-0-3
PSY 303	Health Psychology in Sociocultural Context*	3-0-3

PSY 385 I	Psychology of Women	3-0-3
REL 320	Biblical Women	3-0-3
REL 326	Goddess Tradition of Asia*	3-0-3
REL 331	Christian Faith and Feminist Critique	3-0-3
REL 382	Women in World Religions	3-0-3
SOC 335	Social Inequality; Race, Class and Gender	3-0-3
SOC 430	Sex, Gender, and Sexuality in Society	3-0-3
THE 228	Women and Drama*	3-0-3
WNS 344	Special Topics in Women's Studies	3-0-3
WNS 387	Gender, Law and Society	3-0-3
WNS 496	Academic Internship	1 - 3 hours
WNS 498	Directed Study	1 - 3 hours

*These courses will only count for the minor when taught with the specific title shown.