

The Division of Humanities houses the following academic departments:

English and Foreign Languages
Visual and Performing Arts
History, Philosophy and Religion (Interdisciplinary Program)

Majors offered by the Division of Humanities

Arts Management
English—Teaching and Non-teaching Tracks
Interdisciplinary Studies
Visual and Performing Arts—Theatre, Music (Teaching and Non-teaching Tracks), and Visual Arts

Minors offered by the Division of Humanities

English
History
Music
Philosophy
Religion
Spanish

The Division of Social Sciences and Education houses the following academic departments:

Business and Economics
Curriculum and Instruction
Journalism and Media Studies
Political Science and Social Work/Sociology

Majors offered by the Division of Social Sciences and Education

Business Administration
Elementary Education, K-6
Middle Grades Education, 6-9
Political Science
Special Education, K-12
Social Work
Journalism and Media Studies (Four Tracks)

Minors offered by the Division of Social Sciences and Education

Political Science
Economics
Journalism and Media Studies (Broadcast/Electronic Media, Print Journalism, Public Relations/Media Sales and Marketing, and Media Scholars)

Special Education
International Affairs
Sociology

The Department of Natural and Behavioral Sciences/Mathematics houses the following academic departments:

Biology
Chemistry
Mathematics and Computer Science
Psychology

Majors offered by the Division of Natural and Behavioral Sciences/Mathematics

Biology—Teaching and Non-teaching Tracks
Chemistry
Computer Science
Mathematics—Teaching and Non-Teaching
Psychology

Minors offered by the Division of Natural and Behavioral Sciences/Mathematics

Biology
Chemistry
Mathematics
Computer Science
Psychology

Course Descriptions

Accounting

AC 201. Principles of Accounting I (3) F/S Study of basic concepts and principles of Accounting, the accounting cycle from journal entries to financial statements, in-service and merchandising concerns, and accounting for current plant assets.
Prerequisite:

Sophomore.

AC 202. Principles of Accounting II (3) S

Study of accounting concepts and principles for liabilities and owner's equity of a corporation, accounting for manufacturing costs, planning and control.
Prerequisite: Accounting 201.

AC 301. Intermediate Accounting I (3) F

An overview of financial accounting with applications of the generally accepted accounting principles promulgated by the authoritative bodies in accounting

theory, accounting process, income measurement, revenue recognition, current assets and plant assets. Prerequisite: Accounting 202.

AC 302. Intermediate Accounting II (3) S

Continuation of Accounting 301 with topics on current liabilities, paid-in capital, retained earnings, and cash flows. Prerequisite: Accounting 301.

AC 320. Managerial Accounting (3) S

Study of accounting as a tool for analysis and interpretation of accounting data for use by management in planning and control. Prerequisite: Accounting 201.

AC 330. Cost Accounting (3) F

Study of cost classification and accumulation, cost-volume-profit relationship, cost accounting systems, and costs for management decisions, planning and control. Prerequisite: Accounting 202.

AC 350. Federal Taxation (3) F

Develops an understanding of Internal Revenue Service Code and the application of accounting procedures for the preparation of tax reports. Prerequisite: Accounting 202.

AC 400. Advanced Accounting (3) F/S

Study of partnership formation, operation and dissolution, installment sales and consignments, and business combinations. Prerequisite: Accounting 302.

AC 410. Auditing (3) S

Presents aspects of auditing theory and procedures. Attention is directed to standards and responsibilities, internal control and procedural tests, and preparing audit reports. Prerequisite: Accounting 301.

AC 420. Accounting Information Systems (3) S

Study of the flow of accounting information through accounting systems and the integration of accounting systems with other information systems in a business organization. It integrates student knowledge of financial accounting and cost accounting with computerized information systems, especially functions, structures, data, and processes. Analysis of design and use of computerized accounting systems are emphasized. Prerequisites: AC 302 and AC 202.

AC 460. Internship (3) F/S

The internship program is designed to give students an opportunity for study and experience outside the traditional setting of the classroom yet within the framework of disciplined inquiry, and also to refine their emerging professional career interests. Internship involves work and study under the direction of a professional and the concerned faculty member. The project or the actual

program the intern wants to pursue has to be clearly defined in writing. A comprehensive written report by the intern and an evaluation of the intern's work by her supervisor are required. Prerequisite: Junior

AC 480. Independent Study (3) F/S

Supervised individual study and research in the student's special field of interest. Student will propose the investigation desired and in conjunction with the instructor, develop the scope of work to be completed. Comprehensive written report and oral presentation are required. Prerequisite: Permission of the instructor.

AC 490. Senior Seminar (3) S

This course is designed to expose students to research and analytical methods on a wide range of issues and research questions. The content of the seminar is carefully planned to give students opportunity to conduct an in-depth investigation and report their findings in the form of a standard research paper. An oral presentation of the student's research work is part of the seminar.

Prerequisite: Senior.

Business Administration Courses

BA 210. Introduction to Business (3) F

An introduction to business as it operates in a free market economy. Develops understanding basic to subsequent reading and study. Prerequisite: None.

BA 300. Business Organization & Management (3) F

A comprehensive and in-depth study of management functions of planning, organizing, staffing, leading, and controlling operations, including current issues and challenges of globalization. In addition, this course investigates the impact that individuals, groups, and organizational structure will have on behavior within the organizations and how that behavior affects the performance of organizations. Prerequisite: BA 210.

BA 301. Legal Environment of Business I. (3) F

A comprehensive study of the legal process and the historical perspective of law. Emphasis is on ethics and social responsibility, and international law. Torts and crimes including intellectual property rights and white-collar crime are included. Additionally, knowledge of governmental regulation of business and contracts is essential to this course. Prerequisite: BA 300.

BA 302. Legal Environment of Business Law II (3) S

Emphasis in this course is on negotiable instruments, agency relationships, business organizations, sales and property. Topics in bankruptcy and securities will be included. Ethics is stressed throughout the course. Prerequisite: None.

BA 320. Marketing (3) F

Study of the basic concepts and practices of modern marketing in an enjoyable and practical way. Focus is on marketing as a business function that identifies customer needs and wants, determines which target markets the organization can best serve, designs appropriate products, services and programs to best serve these markets.

Prerequisite: BA 210.

BA 330. Small Business Management (3) S

An in-depth study of the management process of contemporary "small business" including entrepreneurial opportunities, new ventures, operations, marketing, personnel management. The design of financial and administrative controls is also studied. Topics relating to e-commerce will be discussed. Prerequisite: BA 210.

BA 350. Business Statistics (3) F

Study of principles and methods of statistics, concerning descriptive and inferential statistics. Topics include probability, sampling, estimation, hypothesis testing, linear regression, and correlation. Prerequisite: MA 110.

BA 360. Business Ethics (3) S

An introduction to the issues of corporate responsibility and ethics incorporating the disciplines of applied ethics, law and organizational behavior. Ethical problems faced by corporations are systematically addressed. Alternative theoretical perspectives and strategies used by firms will be identified and evaluated.

Topics covered include management of values in modern corporations, ethical status of the corporation, ethics in sophisticated financial transactions, and gender and other types of discrimination in the context of cultural differences/diversity in order to foster an understanding of the ethical responsibilities assumed in becoming business managers. In addition, global business ethics will be discussed. Prerequisite: BA 300.

BA 370. Business Communications (3) S

This course seeks to develop a good understanding of communications and related theories to describe strategies for planning managerial communications and to build skills in formal oral and written communications. The emphasis of this course is on the principles of effective business writing and preparing and presenting formal business reports. Prerequisite: BA 210

BA 400. Managerial Finance (3) S

This course is organized around the objective of maximizing shareholder wealth within a set of risk-return characteristics. Major topics include financial analysis and planning, capital budgeting, cost of capital, capital asset planning and long-term financing. Prerequisite: EC 250.

BA 410. Human Resources Management (3) F

Study of human resources planning and management, its interaction with important organizational factors such as, leadership style and philosophy, organizational structure, and strategic planning. Effective management of human resources is central and vital to organizational effectiveness.

Prerequisite: BA 300.

BA 420. Management Information Systems (3) F/S

Study of the computer-based organizational information and communication systems that support the whole range of business operations and management process. An overview of Transaction Processing Systems (TPS) and Decision-Support Systems (DDS) is also provided. Prerequisite: BA 300.

BA 430. Quantitative Methods for Business and Economics (3) F

Study of the applications of mathematical methods for managerial decision-making. The methods studied include optimization techniques, linear, non-linear, and integer programming as applied to production management, marketing, finance, accounting and personnel management decisions.

In addition, Transportation, Assignment, Inventory, Waiting Line models, and Project Management (PERT/CPM) are discussed in detail. Prerequisite: BA 350.

BA 440. International Business (3) F

This course exposes students to global business, its operating environment, and interdependence of business. An in-depth analysis of the internal and external environments facing international business and global managers; examines internal relationships among the parent and subsidiaries in foreign countries, and discusses the appropriate coordination of functional activities that take place in many parts of the world. The course emphasizes the need and development of global vision and decision-making skills. Prerequisite: BA 300 and 320.

BA 450. Production and Operations Management (3) S

The content of this course is a blend of concepts from industrial engineering, cost accounting, general management, quantitative methods and statistics. Topics include production and operations activities, such as forecasting, choices of locations of plant and offices, allocating resources, designing products and services, scheduling activities and improving quality. Case studies will be used throughout the course.

BA 460. Internship (3) F/S

Same as AC 460. Prerequisite: Junior.

BA 480. Independent Study (3) F/S

Same as Accounting 480. Prerequisite: Senior.

BA 490. Senior Seminar (3) S

This is the capstone course integrating thinking and operating skills emphasizing management decision-making skills as they relate to strategic impact and

business policy in domestic and international operations. This course brings together various core and advanced courses in Accounting and Business Administration for application, analysis, and for conducting independent research using standard research methods. An oral presentation of the student's research work is a part of this course. Prerequisite: BA 430.

Economics Courses

EC 201. Introduction to Microeconomics (3) F

Study of the principles concerning consumer behavior, and the theory of the firm. Focus is on the market system, price determination, and allocation of resources develops an understanding of how the pricing system influences production and distribution of goods and services. Prerequisite: Sophomore.

EC 202. Introduction to Macroeconomics (3) S

Study of the basic theory of the determinants of national income, employment interest rates. Role of money, taxation, government expenditures in achieving high employment and stability of the price level are also discussed. Prerequisite: Sophomore.

EC 250. Mathematics for Business & Economics (3) F/S

Study of mathematical techniques such as calculus and linear algebra and the use of the methods in Accounting, Business, and Economics. Focus is on applications. Prerequisite: Economics MA 110.

EC 300. Intermediate Microeconomics (3) F/S

An in-depth study of the theory of consumer behavior, theory of the firm, market organization, economic efficiency, and welfare economics. Emphasis is on the market structures, pricing and allocation, and the general equilibrium paradigm. Approach is mathematical. Prerequisite: Economics 250.

EC 310. Intermediate Macroeconomics (3) F/S

A study of the alternative theories of the determinants of national income, employment and interest rates, examination of the roles of fiscal and monetary policies to achieve the goals of high employment and price stability using the general equilibrium macroeconomic model. The supply-side paradigm as well as the Keynesian- Monetarist debate will be discussed. Prerequisite: EC 250.

EC 330. Money and Banking (3 credit hours) S

Study of monetary theory--theories of money supply and money demand and the transmission mechanism—financial institutions and markets including the Federal Reserve System and monetary policy. Prerequisite: EC 201 and EC 250.

EC 340. Public Finance (3 credit hours) F/S

Study of the use of resources for public purposes by the state and the federal government, emphasizing the rationale for public expenditure and taxation. Prerequisite: EC 300

EC 350. International Economics (3) F/S

Study of international economic relationships in theory and practice. Major topics include theory of international trade, balance of payments, payments disequilibria, regional integration, trade restrictions, international institutions (IMF and IBRD), technology transfer and development issues. Prerequisite: EC 300 and EC 310.

EC 400. Government and Business (3) F/S

Study of government regulation of business and antitrust laws. Theoretical and empirical investigation of the relationships between market structure, conduct, and performance of industries in the U.S. economy. Prerequisite: EC 300.

Course Descriptions: Teacher Education

Professional Education Core Courses

Required for All Teacher Education Majors

ED 200. Introduction to Education (3); F, S

This professional core course provides an opportunity to evaluate a career in education and to assist in planning a licensure program based on personal interests and aptitudes. Class activities consist of lectures, small group discussions, individual conferences, and independent readings. Required: 15 hour Pre-Professional Practicum Experience.

SE 207. Introduction to Exceptional Individuals (3); F, S

The focus of this professional core course is to provide the student with a comprehensive survey of the developmental, social and psychological characteristics of exceptional individuals from a philosophical and historical perspective. The content covers both disabilities and giftedness. Required: 15 hour Pre-Professional Practicum Experience. Prerequisite: Sophomore Standing.

Admission to the Teacher Education Program is required before majors can register for 300 - 400 level professional core courses.

ED 305. Human Development and Learning (3); F

An introductory professional core course centered primarily on the first two decades of the individual's life and the combined interactive genetic and environmental forces that promote human development and education. The primary focus of the course is to provide students with an understanding of the theories and principles of psychology as they relate to human development and

learning. Required: Pre-Professional Practicum Experience. Prerequisites: Education 200, SE 207, and admission to the Teacher Education Program.

ED 332. Educational Measurement & Evaluation (3); F

This professional core course will examine all the means used in schools to formally and informally evaluate student performance. Methods of evaluating students' academic achievement as well as evaluating their behaviors and attitudes will be explored. The course focuses on the fundamental concepts and principles of measurement and evaluation. Required: Pre-professional Practicum Experience. Prerequisites: Education 200, SE 207, and admission to the Teacher Education Program.

ED 340. General Methods and Instructional Technology (3); F

This professional core course provides prospective teachers with an experience-based approach to learning. Activities are designed to enable pre-service teachers to more effectively integrate research, technology and practice.

Developing and constructing appropriate units of study for effective lesson planning will provide practical application and micro-teaching activities. The learning needs of teachers related to effective teaching are addressed in three dimensions: knowledge, competencies, and skills. The technology component is a new approach to assist and prepare pre-service teachers in becoming proficient and extensive users of technology as facilitators of learning in a contemporary global community. The latest computer literacy will be accomplished. Required: Pre-Professional Practicum Experience. Prerequisites: Education 200, SE 207 and admission to the Teacher Education Program.

ED 347. Reading in the Content Areas (3); S

This is a professional core course in reading instruction for middle grades education and secondary education majors. Emphasis is on reading in the content areas and instructional strategies that can be generalized for a variety of instructional settings. This course is not designed as instruction in the teaching of elementary level reading or remedial reading. Elementary Education majors take Education 321. Required: Pre-Professional Practicum Experience. Prerequisites: Education 200, 305, SE 207 and admission to the Teacher Education Program.

*Specialty Area Methods courses are taught in the departments, which house the specialty area.

ED 370. Historical, Philosophical, and Sociological Foundations of Modern Education. (3); F

This professional core course will explore educational concepts, philosophies, events and reform movements as they relate to the historical and current trends and issues in modern public school education. Public school organization, administration, and social stratification will be studied and researched. Prerequisite: Admission to the Teacher Education Program.

Other Professional Education Courses

ED 425. Teaching Practicum (9); F, S

Secondary education majors will observe, plan and teach under supervision in a secondary classroom. Pedagogical skills, theories, and principles of secondary education will be applied. Participation in the accompanying 3 hour seminar is required. Prerequisites: completion of all professional core and specialty area courses; admission to the Teacher Education Program; completion of 120 hours of Pre-Professional Practicum; and, admission to student teaching one full semester before the experience.

ED 427. Teaching Practicum (9); F, S

Elementary education majors will observe, plan, and teach under supervision in an elementary classroom. Pedagogical skills, theories, and principles of elementary education will be applied. Participation in the accompanying 3 hour seminar is required. Prerequisites: completion of all professional core and specialty area courses; admission to the Teacher Education Program; completion of 120 hours of Pre-Professional Practicum; and, admission to student teaching one full semester before the experience.

ED 428. Teaching Practicum (9); F, S

This course allows for the application of pedagogical skills and the theories and principles of middle grades education to classroom teaching. Students will observe, plan, and teach under supervision in a middle grades classroom. Participation in an accompanying 3-hour seminar is required. Prerequisites: completion of all professional core and specialty area courses; admission to the Teacher Education Program; completion of 120 hours of Pre-Professional Practicum; and admission to student teaching one full semester before the experience.

SE 431. Teaching Practicum (9); F, S

This course allows for the application of pedagogical skills and the theories and principles of special education to classroom teaching. Students will observe, plan, and teach under supervision in a special education classroom. Participation in an accompanying 3-hour seminar is required. Prerequisites: completion of all professional core and specialty area courses; admission to the Teacher Education Program; completion of 120 hours of Pre-Professional Practicum; and, admission to student teaching one full semester before the experience.

ED 450. Senior Seminar, K-12 (3); F, S

The senior seminar enhances the student teaching experience through the study, review, and practical application of selected topics of current research in education as they relate to the immediate concerns of the prospective elementary, middle grades, special education, and secondary teacher. This course provides students with a forum for discussing problems encountered during the field practicum while recommending workable solutions to the

problems. The conceptual portfolio and parent involvement portfolio will be finalized during senior seminar. The seminar accompanies the student teacher's practicum.

NOTE: Summer school student teaching and senior seminar in a year-round school may be arranged with approval of the Director of Teacher Education and the Department Chair when there are extenuating circumstances.

Teacher education majors are required to join the Student North Carolina Association of Educators (SNCAE) prior to taking any courses requiring a field experience - Pre-Professional Practicum and Practicum. Dues are set by the national, state, and college chapters and include liability insurance.

Students are not allowed to work or take courses during the 10 weeks of extended and continuous student teaching.

Elementary Education

ED 302. Literature for Children and Youth (3); S

This professional core course focuses on the study of recommended literature (prose and poetry), and an appraisal of its value in meeting the basic needs of very young children through adolescence. Emphasis is on genres of literature and literacy elements which teachers can help students understand, specific systematic approaches teachers can use to build students' ability to comprehend stories such as reading aloud, storytelling, and choral speaking and using literature to develop children's understanding of different cultures and of individual differences. Attention is given to new developments related to curriculum, and infusing new educational technologies into multi-media instruction. Required: Pre-professional practicum. Prerequisites: Admission to the Teacher Education Program.

ED 319. Teaching Social Studies in the Elementary School Curriculum (2); S

This professional core course is designed for junior and/or senior level prospective elementary school teachers as an in-depth study of the elementary school social studies curriculum and specific content methodology to provide the most effective teaching and learning strategies based on new developments related to the curriculum, and multi-media instruction. Emphasis is placed on integration of learning, content from diverse sources, important values and multicultural issues, and infusing new technologies into instructional programs.

Requirements: Pre-professional Practicum Experience.

Co-requisites: Principles of Geography and American

Government. Prerequisites: Admission to the Teacher Education Program.

ED 320. Teaching Science in the Elementary School Curriculum (2); F

This professional core course is designed for junior and/or senior level prospective elementary school teachers as an in-depth study of the elementary school science curriculum and specific content methodology to provide the most effective teaching and learning strategies. Emphasis is placed on a minds-on/hands-on, activity-based approach called guided discovery teaching/learning and new developments related to the curriculum and multi-media instruction.

Requirements: Pre-Professional Practicum Experience.

Co-requisites: Introduction to Earth Science and Mathematics for Classroom Teachers.

Prerequisites: Admission to the Teacher Education Program.

ED 321. Reading/Communication Skills in the Elementary School Curriculum (3)
S

This professional core course is designed for junior and/or senior level prospective elementary school teachers as an in-depth study of the elementary school communication skills (reading/language arts) curriculum and specific content methodology to provide the most effective teaching and learning strategies based on new developments related to the curriculum and multimedia instruction. Emphasis is placed on a meaning-centered approach from a holistic perspective of applications where reading is a process of literacy to facilitate students' understanding.

Requirements: Pre-Professional Practicum Experience. Prerequisites:

Admission to the Teacher Education Program.

ED 322. Curriculum and Planning in the Elementary School (3); F

This course is designed to engage the beginning pre-service teacher in the study of a comprehensive coverage of the latest curricula and instructional strategies, to assist the beginning pre-service teacher in developing the knowledge and skills necessary for effective teaching, and to provide the beginning pre-service teacher with many specific instructional models and examples for implementing curricula in classrooms, schools, and other educational programs.

Requirements: Pre-Professional Practicum Experience. Prerequisites:

Admission to the Teacher Education Program.

ED 332. Educational Measurement & Evaluation (3); F

This professional core course will examine all the means used in schools to formally and informally evaluate student performance. Methods of evaluating students' academic achievement as well as evaluating their behaviors and attitudes will be explored. The course focuses on the fundamental concepts and principles of measurement and evaluation.

Required: Pre-Professional Practicum Experience.

Prerequisites: Admission to the Teacher Education Program.

ED 340. General Methods and Instructional Technology (3); F, S

This professional core course provides prospective teachers with an experience based approach to learning. Activities are designed to enable pre-service teachers to more effectively integrate research, technology and practice. Developing and constructing appropriate units of study for effective lesson planning will provide practical application and micro-teaching activities. The learning needs of teachers related to effective teaching are addressed in three dimensions: knowledge, competencies, and skills. The technology component is a new approach to assist and prepare pre-service teachers in becoming proficient and extensive users of technology as facilitators of learning in a contemporary global community. The latest computer literacy will be accomplished.

Required: Pre-Professional Practicum

Experience. Prerequisites: Admission to the Teacher Education Program.

ED 360. Instructional Methods and Materials for
Beginning Teachers (3); F, S

A senior level course for the prospective elementary in-service student teacher taken the semester prior to the student teaching practicum experience to make teaching a continuous experiment in learning. The course content is designed to present teaching from three actions: organizing, instructing, and assessing. Course inclusion will provide basic practical approaches and experiences to examine and learn new adaptations of proven teaching models, simulate effective teaching behaviors, develop instructional planning skills with the use of multi-media techniques, incorporate a variety of methods and materials, and explore and employ the student teacher's own unique instructional techniques.

Requirements: Pre-Professional Practicum Experience with laboratory experiences in a selected school site and supervised by the course instructor/major area professor prior to student teaching. Prerequisite: Admission to the Teacher Education Program.

ED 370. Historical, Philosophical, and Sociological
Foundation of Modern Education (3); F

This professional core course will explore educational concepts, philosophies, events and reform movements as they relate to the historical and current trends and issues in modern public school education. Public school organization, administration, and social stratification will be studied and researched. Prerequisites: Admission to the Teacher Education Program.

ED 400. Seminar in PRAXIS II (1); F, S

This professional core course is designed to prepare education majors to take the PRAXIS II. This course reviews respective specialty areas, and provides the

opportunity to improve test-taking skills by applying specific critical thinking/analysis and application skills.

Grade: Satisfactory/Unsatisfactory. (Required prior to taking PRAXIS II)

PE 359. Physical Education for the Elementary School Child (3); F, S

Examines the techniques in planning and organizing the elementary school program. Emphasis is placed on movement exploration, rhythms, self-testing, growth and development. Prerequisite: Admission to Teacher Education Program.

ED 427. Teaching and Practicum - Elementary

Education (9); F, S

This course allows for the application of pedagogical skills and the theories and principles of elementary education to classroom teaching. Students will observe, plan, and teach under supervision of a public school cooperating teacher and college supervisor.

Requirements: Attendance and participation in weekly scheduled in service activities appropriate to the elementary school curriculum conducted by college supervisor.

Prerequisites: Successful completion of all professional core and specialty major area courses and admission to student teaching one full semester before the experience.

ED 450. Senior Seminar (3); F, S

The senior seminar enhances the student teaching experience through the study, review, and practical application of selected topics of current research in education as they relate to the immediate concerns of the prospective elementary, middle grades, special education, and secondary teacher. This course provides students with a forum for discussing problems encountered during the field practicum while recommending workable solutions to the problems. The conceptual portfolio and parent involvement portfolio will be finalized during senior seminar. The seminar accompanies the student teacher's practicum.

ED 459/460. Independent Study (3); F, S

Independent reading and research. Open to students with junior and senior standing who have been admitted to the Teacher Education Program.

Middle Grades Education (Grades 6-9)

The Middle Grades Education program is designed for the preparation of teachers to work at the middle-school level. The program of preparation includes not only a background in the general field of middle grades education, but also practical experiences in working with students at this level.

The program of studies in middle grades education requires 50 hours in general education courses and a minimum of 75-78 semester hours in the specialty area of concentration, professional education courses, and electives.

The student pursuing a major in middle grades education must receive a minimum grade of "C" in the following courses along with the area of concentration to satisfy requirements for graduation and to be recommended for licensure:

Course Descriptions

Middle Grades Education

ED 302. Literature for Children and Youth (3); S

This professional core course focuses on the study of recommended literature (prose and poetry), and an appraisal of its value in meeting the basic needs of very young children through adolescence. Emphasis on genres of literature and literacy, specific systematic approaches teachers can use to build students' ability to comprehend stories such as reading aloud, storytelling, and using literature to develop children's understanding of different cultures and of individual differences. Attention will be given to new developments related to curriculum, and infusing new instructional technologies into the teaching of children's literature in the classroom. Prerequisite: Admission to Teacher Education Program.

ED 324. Curriculum and Planning (6-9) (3); S

Curricular and instructional principles, processes and designs applicable to students in the middle grades.

Required: Pre-Professional Practicum Experience.

Prerequisite: Admission to Teacher Education Program.

ED 361. Methods and Materials in Teaching Middle Grades Language Arts (3); F

A thorough study of the materials and methodology of middle grades language arts. Attention to recent developments in the use of multi-media, instructional techniques, and materials for instruction is given.

Required: Pre-Professional practicum experience.

Prerequisite: Admission to the Teacher Education Program.

MA 363 Methods and Materials in Teaching Middle Grades Mathematics (3); F

A thorough study of the materials and methodology of middle grades mathematics. Attention to recent developments in the use of pedagogical techniques and materials for instruction is given. Required: Pre-Professional Practicum Experience. Prerequisite: Admission to Teacher Education Program.

ED 400. Seminar in PRAXIS II (1); F, S

This course is designed to prepare education majors to take the PRAXIS II. This course reviews respective specialty areas, and provides the opportunity to improve test taking skills by applying specific critical thinking/analysis and application skills Grade: Satisfactory/Unsatisfactory.

ED 428. Teaching Practicum - Middle Grades

Education (9); F, S

This course allows for the application of pedagogical skills and the theories and principles of middle grade education to classroom teaching. Students will observe, plan, and teach under supervision. Students must be admitted to student teaching one full semester before the experience.

ED 450. Senior Seminar (3); F, S

The senior seminar enhances the student teaching experience through the study, review, and practical application of selected topics of current research in education as they relate to the immediate concerns of the prospective elementary, middle grades, special education, and secondary teacher. This course provides students with a forum for discussing problems encountered during the field practicum while recommending workable solutions to the problems. The conceptual portfolio and parent involvement portfolio will be finalized during senior seminar.

NOTE: Summer school student teaching and senior seminar in a year-round school may be arranged with the approval of the Director of Teacher Education, Department Chair, and the Department Director when there are extenuating circumstances.

ED 459/460. Independent Study (3); F, S

Independent reading and research. Open to students with junior and senior standing admitted to the Teacher Education Program.

Special Education (K-12)

The Special Education program prepares prospective teachers for licensure in the areas of mental disabilities and learning disabilities. (Beginning in 2006, the licensure for Special Education will be for generalist. Due to the mandated changes, candidates should meet individually with the program coordinator.) The Special Education curriculum is based on competencies established by the North Carolina Board of Education and the standards of the Council for Exceptional Children. In addition to emphasis on historical, philosophical, sociological and legislative issues in Special Education, the program addresses assessment and instructional programming for children with learning differences in specialized and inclusive educational settings.

Students seeking licensure in Special Education must be able to maintain a minimum overall GPA of 2.5 in all professional core courses and major specialty areas. The program of studies in Special Education requires 50 hours in general education and a minimum of 76 semester hours which include special education

courses, professional education courses, and electives in related fields of study. These courses are as follows:

Course Descriptions

Special Education

SE 207. Introduction to Exceptional Individuals (3); F, S

The focus of this professional core course is to provide the student with a comprehensive survey of the developmental, social and psychological characteristics of exceptional individuals from a philosophical and historical perspective. Course content includes giftedness as well as disabilities.

Required: 15 hour Pre-Professional Practicum Experience

SE 264. Characteristics and Instructional Strategies for Students with Mild to Moderate Disabilities (3) F, S

Theories of mild to moderate disabilities (including learning disabilities, mental disabilities, and behavioral/emotional disabilities) are explored from current and historical perspectives. An overview of effective instructional programming, with focus on learning strategies and compensation for learning and behavioral differences are emphasized.

SE 300. American Sign Language (2)

This course offers a comprehensive introduction to American Sign Language and finger spelling, emphasizing basic receptive and expressive skills. Offered through the consortium. Elective (2)

SE 328. Instructional Assessment and Planning for Exceptional Individuals (3); F, S

This professional core course examines the various models of service delivery in special education. Attention is given to the diagnosis/assessment and instructional planning processes, the instructional and curricular modifications required for exceptional individuals, and the variety of settings in which special education services are effectively implemented. Field experience in an appropriate educational setting is a critical component of the course.

SE 330. Behavior Management (3); F

This course examines the variety of theoretical approaches to the education of students with behavior problems. Students learn to identify and plan for the use of preventive, supportive, and corrective behavior management strategies for students with learning problems in regular education as well as special education settings. The course is required for Education majors. Prerequisites: Permission of instructor and/or admission to the Teacher Education Program. Required: Pre-Professional Practicum Experience.

SE 347. Collaboration and consultation for
Exceptional Individuals (3); F, S

This course is designed to provide special education service providers with the practical application of collaborative methods in inclusive classrooms. Emphasis will be placed on current theories and practices of the inclusion movement in today's classroom.

SE 412. Language and Literacy for Students with Mild to Moderate Disabilities (3); F, S

This course is designed to provide special education service providers with the essential skills necessary to effectively teach reading to students with disabilities. The course will address theory of instruction, methods, and materials for K-12 curriculum.

SE 423. Methods and Materials for Exceptional Individuals (3); F

This professional core course expands the prospective Special Education teacher's knowledge of instructional methods and materials for use with exceptional students, in both specialized and regular education settings. Course content includes focus on the development and implementation of Individualized Education Plans, the development of instructional materials, and the use of instructional strategies that are effective for students with learning differences. The appropriate use of instructional technology with exceptional learners is an important component of the course. Field experience in an appropriate school setting is required. Prerequisites: Admission to the Teacher Education Program and/or approval of major area professor.

SE 431. Teaching Practicum (9) F, S

This course allows for the application of pedagogical skills and the theories and principles of special education to classroom teaching. Students will observe, plan and teach under supervision. Participation in an accompanying 3 hour seminar is required. Prerequisite: Successful completion of all professional core and specialty area major courses, admission to the Teacher Education Program, and admission to student teaching one full semester before the experience.

SE 440. Special Problems in Special Education (3) F

This professional core course is designed for senior-level special education majors and minors for the purpose of exploring current problems in the field. Students are required to select an issue and develop a research project.

ED 450. Senior Seminar (3); F, S

The senior seminar enhances the student teaching experience through the study, review, and practical application of selected topics of current research in education as they relate to the immediate concerns of the prospective elementary, middle grades, special education, and secondary teacher. This course provides students with a forum for discussing problems encountered during the field practicum while recommending

workable solutions to the problems. The conceptual portfolio and parent involvement portfolio will be finalized during senior seminar.

SE 459/460. Independent Study (1-3); F, S

Independent reading and research. Open to students with junior and senior standing. Prerequisite: Approval of major area professor.

Health And Physical Education

The Health and Physical Education Program administers the four-semester competency based general education program required by the college for all students and the specialized curriculum for Teacher Education majors. Courses in the general education Physical Education Core are designed to provide all students with neuromuscular skills unique to leisure-time activities. The general program encompasses courses in the areas of aquatics, individual and team sports, and Fitness and conditioning.

All courses are structured to encourage maximum participation in both the formal academic environment and the student's extra-curricular involvement. The courses in the general education program in Physical Education are Physical Education 102, 106, 108, 118, 308, and 310.

Students are encouraged to complete the general education Physical Education requirements during the first four semesters.

Course Descriptions for

Health and Physical Education

Physical Education 102. Basketball (1); F,S

Introduction to basic knowledge and skills. Emphasis is on team strategy, body mechanics, relaxation, and social interaction.

Physical Education 106. Volleyball (1); F,S

Experience in developing knowledge and skills in playing volleyball. Attention is given to refining personal skills and becoming knowledgeable about recreational aspects.

Physical Education 108. Fitness and Conditioning (Fundamentals) (1);F,S

Basic principles for developing fitness are presented. Individual fitness levels are evaluated, and individual programs are developed.

Physical Education 118. Tennis ; (1); S

Strokes, rules and strategies essential for beginners in singles and doubles play are included. Development of control and consistency in the execution of forehand and backhand drives and the flat serve are stressed.

Physical Education 308. Beginning Swimming. (1) ;F

Covers elementary swimming and safety skills. Emphasis is placed on the development of skills for personal safety and assistance to others in or about the water.

Physical Ed. 310. Intermediate Swimming (1); S

Course is designed to cover the basic styles and other forms of swimming in an effort to enhance the skill efficiency of students in the water. Emphasis is also placed on the development skills for personal safety and elementary forms of rescue.

Physical Education 359. Physical Education for the Elementary School Child (3); F

Examines the techniques in planning and organizing the elementary school program. Emphasis is placed on movement exploration, rhythms, self-testing, growth, and development.

Physical Education 470. Physical Education for Exceptional Children (3); S

Considers the use of motor and play activities in the growth and development of exceptional children. Emphasis is placed on the selection, organization, and presentation of exploratory movement and structure activities.

Health Education 101. Wellness for Life (2); F, S

Exposure to the contemporary concepts of personal and community health while addressing current health, wellness, and fitness issues related to women.

Health Education 352. Principles, Procedures, and Practices in Health Education. (3); F

Principles, materials, and methods for developing and teaching health education programs in the schools and communities. Students are placed in a supervised setting, which provides broad-based experiences in nonprofit management for professional and leadership development. A typical internship is 375 hours. Prerequisite: All certificate requirements.

Course Descriptions

Political Science

PO 200. Introduction to Political Science (3): F, S

The meaning of politics and political action in its larger social, economic, and cultural context. Includes the examination of the basic concepts and theories of the discipline and their applications.

PO 202. United States Government (3); F,S

Study of the principles, structures, and dynamics of the United States political system with emphasis on the relationship between the system and the

electorate, political parties, public opinion, formulation of domestic and foreign policy, and civil liberties.

PO 203. Public Administration (3)

The course will emphasize the concepts, principles, theories, and practice of administration in the public sector. Topics examined will include organizational theories, decision making models, the role of interest groups in the political process, government budgeting, public personnel management, and administrative responsibility.

PO 250. Civil Rights Empowerment (3)

A study of participation of African-Americans and other minority groups in American politics since the Reconstruction era. Emphasis is on strategies for empowerment, justice, and equality. Prerequisite: PO 202.

PO 300. Research Methods in Political Science (3)

Designed to provide an introduction to the variety of approaches and methods used in empirical research and political science. Topics discussed include research design and types of designs, development of research questions, theories and hypothesis, conceptualization, measurements, and data collection. The course will carefully treat data analysis, focusing on univariate and bivariate statistical techniques that are frequently used in political science as well as the use of computers for quantitative analysis.

PO 301. Comparative Political Systems (3)

Systematic study and comparison of world political systems. It explores the differences as well as the similarities among countries together with patterns, processes, and similarities among political systems. Prerequisite: PO 202.

PO 312. American Judicial Process (3)

An examination of the litigation process, including the history of the American dual court system. This course examines the numerous institutions, alternative dispute resolution centers, the different administrative dispute resolution centers, the different administrative law processes, and the role of judges.

PO 313. State and Local Government (3)

A study of state governments and local governments, their constitutions and the systems of laws, ordinances, and codes that each of the 50 states and the many municipal corporations established. Also the study of dual citizenship of residents of USA and the many problems of intergovernmental relations and differing state policies.

PO 315. Government and Politics in Africa (3)

Students learn the complexities and diversities of African political systems and cultures, and investigate new paths to understanding the intricate political and economic processes.

PO 320. Government and Politics in Asia (3)

The dynamics of political and economic development in Asian countries are analyzed with emphasis on Japan, Taiwan, South Korea, Singapore, and Thailand.

PO 325. Government and Politics in Latin America (3)

The dynamics of political and economic development in Latin America with distinction between Mexico, Central America, South America, and the Caribbean countries.

PO 414. International Political Economy (3)

The course introduces students to major contending paradigms of international political economy, liberalism, statism, marxism, and analyzes international monetary systems, international trade, and investment. It further explores important issues concerning the less developed countries of the world. Prerequisite: PO 200 or consent of instructor

PO 459. Independent Study (3)

Open to students who have demonstrated the necessary degree of self-motivation and academic ability for independent reading and research. Available upon request. Prerequisite: Senior standing with a 3.25 GPA and consent of instructor

PO 470. Internship/Field Studies (3)

Practical application of theory and skills in a related work experience. Prerequisite: Junior/Senior standing and political science major or minor

PO 480. Senior Seminar (3); S

Open to seniors. An examination of a selected topic of global, regional or national significance such as the world economy, trade relations, food, human rights, the environment, and energy. The requirements of the course may be fulfilled by a senior thesis.

SO 254. Social Statistics (3)

Basics of descriptive, inferential, and co-relational statistics and issues involved in measurement. Development of skills needed for critical review and analysis of quantitative data in journals and other research reports. Prerequisite: Six hours of math

PO 330. Women and Politics (3)

A study of the role and problems confronting women in the sphere of politics and ruler-ship. A global approach will compare women's contributions and struggles in different political contests.

PO 370. United States Foreign Policy (3)

The study of the goals and instruments of United States foreign policy with emphasis on the Cold War and post-Cold War periods. Prerequisite: PO 202 or PO 200 or consent of instructor

PO 380. International Relations (3)

Study and analysis of world politics with emphasis on justice, war, and peace. Concepts include power in a multi-polar world, interdependence, transnational organizations, nationalism, interventions, and the search for peace. Prerequisite: PO 200 or consent of instructor

PO 401. Public Policy Analysis (3)

Analysis of the public policy making process and issues, and problems confronting the American public. Data analysis may include the use of computers. Prerequisite: PO 203. or consent of Instructor

PO 402. International Organization and Law (3)

Study of a body of principles, customs, and rules recognized as binding obligations upon states in their relations with one another and the organizations through which the laws of nations are pursued and promoted. Prerequisite: PO 200 or consent of instructor.

PO 405. Classical Political Theory (3)

This course is a survey of ideological trends in the field of political thought, with emphasis on the Greek through medieval theorists.

PO 406. Modern Political Theory (3)

This course is a survey of ideological trends in the field of political thought, with emphasis on political theorists from the 18th century to the present.

PO 410. Constitutional Law (3)

A study of American Laws as circumscribed by the U.S. Constitution and as interpreted by the federal and state court systems. Prerequisite: PO 201

PO 411. Political Parties and Interest Groups (3)

A study of political parties and interest groups in the American and other political systems including the role of parties and interest groups as an instrument of mobilizing the electorate, choosing political leaders, and organizing governments, and in the formulation of public policy and administration. The course will also examine strategies, tactics, and problems of political parties and interest groups. Prerequisite: PO 202 or consent of instructor.

Core Courses for International Affairs Minor

IA 200. Introduction to International Affairs (3)

An introduction to world geography, the importance of physical location and the economic and political implications of resources as distributed worldwide; as well as the

relationship between people and their culture. The course further introduces students to basic principles and concepts in political science and economics, such as power,

nation- state, national interests, purposes and nature of government, and its relationship with the market, within the context of economic history since World War. II.

ECON 350. International Economics (3)

Study of international economic relationships in theory and practice. Major topics include: theory of international trade, balance of payments, payments of disequilibria, regional integration, trade restrictions, international institutions (IMF and IBRD), technology transfer and development issues. Prerequisite: IA 200 for students minoring in International Affairs.

PO 380. International Relations (3)

The study and analysis of world politics with emphasis on war, peace, justice, and political economy. Concepts include sovereignty, nationalism, and power in a multi-polar world, interdependence, transnational and multinational organizations, interventions, and the search for peace. Prerequisite: IA 200 for students minoring in International Affairs.

Course Descriptions

Social Work

SW 203. Introduction to Social Work (3); F

An introduction to Social Work as a profession and to its practice methodologies and philosophy, with a special emphasis on the General Method of Social Work in diverse fields of practice. Prerequisites: SO 201.

SW 247. Diversity & Populations-At-Risk (3); S

This is a three credit hour course that focuses on the dynamics and consequences of discrimination, economic deprivation, and oppression of people of color, women, gays, and lesbian persons, people with physical disabilities, Hispanics, Asian-Americans, Native Americans, rural populations, and other populations-at-risk. The history of diverse groups and populations will be explored and the many myths, stereotypes, and prejudices that surround these groups will be discussed. Prerequisites: SO 201, SW 203, PS 101 (or concurrent)

SW 254. Social Statistics (3); F

Basics of descriptive, inferential, and co-relational statistics and issues involved in measurement. Development of skills needed for critical review and analysis of quantitative data in journals and other research reports. Prerequisite: Six hours of math.

SW 301. Social Programs, Legislation & Policy (3); F,S

Review of selected legislation, policies and related social programs, from 1935 to the present. Prerequisite: SW 201, SW 203, SW 247.

SW 302. Honors Seminar in Social Work (3); S

Agency-based or community-based research experiences are conducted to hone and broaden research skills. Conducted in a seminar format. Prerequisite: 3.00 G.P.A. or honors student.

SW 306. Group Process (2) F

Laboratory in group process during which class members are responsible for the design, implementation, and evaluation of group tasks. By examining the class functioning, members learn the dynamics of group process. Prerequisite: Junior standing or permission of the instructor.

SW 333. Services for the Elderly (3); Offered on demand.

Examination and assessment of services, policies, and programs for the elderly. Prerequisite: Sophomore standing.

SW 345. Legal Aspects of Social Work Practice (3); S

Legal aspects of recording, expert testimony, client rights, confidentiality, professional liability and other related matters, are examined. Prerequisite: Six hours of courses in Social Work.

SW 346. Interviewing and Recording (3); S

Elements of data gathering and reporting. Prerequisite: Junior standing.

SW 359. Introduction to Human Sexuality (2) S

A survey and assessment of ideas and problems associated with human sexuality. Issues are examined using a bio/psychosocial perspective. Prerequisites: Junior standing or permission of instructor.

SW 361. Policy and Legislation Analysis (3) S

Analysis and assessment of selected policies and legislation related to programs, practices and services in social work and social welfare. Prerequisite: SW 301 or permission of the instructor.

SW 397 Human Behavior and the Social Environment I (3) S (Conception through Adolescence)

This course is intended to complete the Human Behavior in the Social Environment (HBSE) sequence. It is the first of two three – hour semester courses. The course content integrates knowledge from biology and the behavioral sciences, to study bio-psych-social factors that influence individual and family maturation and functioning for subsequent use in practice skill

development. Prerequisite: Completion of all biology, social sciences and humanities course work through the junior year or with instructor's permission.

SW 398 Human Behavior and the Social Environment II (3) S (Middle Adulthood through Late Adulthood) This course is intended to complete the Human Behavior in the Social Environment (HBSE) sequence. It is the second of two three – hour semester courses and focuses on the life span development period of middle adulthood through late adulthood. The course builds on and integrates knowledge from HBSE I from biology and the behavioral sciences, to study bio-psych-social factors that influence individual and family maturation and functioning for subsequent use in practice skill development. Prerequisite: Completion of all biology, social sciences and humanities course work through the junior year or with instructor's permission.

SW 399. Human Behavior and Social Settings (3) F

A combination lecture/discussion and laboratory course designed to integrate human behavior knowledge for subsequent use in practice skill development. Prerequisite: Completion of all course work through the junior year.

SW 400. General Practice (3); F

Conceptualization of the generalist practitioner in one general method, for professional entry-level practice with individuals, groups, communities and organizations. Prerequisite: Completion of all course work through the junior year.

SW: 401 Social Work Practice I (3) S

This course is an introductory academic and practical exploration of generalist social work practice. The course focuses on developing practice knowledge and skills to create a professional helping relationship and to intervene appropriately as an entry-level generalist practitioner with individuals, groups, families, organizations, and communities with an emphasis on individuals, families and groups. Prerequisite: SW 203, SW 247, SW 346

SW: 402 Social Work Practice II (3) S

This course provides an overview of theories, concepts and practice skills, including evaluation, relating to work with groups, organizations, and community based program planning. Entry-level generalist social work practitioners work not only with individuals and families, but also with groups, organizations and communities.

Prerequisite: SW 203, SW 247, SW 346, SW 397 & SW 401

SW 405. Research Methods and Design (3); F

This course presents students with various applications of the scientific method in social research. Students will learn methods of data collection, analysis, interpretation, and reporting including single subject design.

NOTE: This course requires completion of a research design for use in SW 406. Prerequisite or concurrent: SO 254.

SW 406. Research Seminar (3) S

Provides more in-depth treatment of selected topics in research, enabling students to carry out the research proposal designed in SO 405. Prerequisite: All major requirements; Concurrent SW 410.

SW 410. Field Instruction & Field Seminar (12)

Placement in a supervised setting which provides Social Work services to either individuals, groups, communities, or organizations (or any combination of these) for at least 500 clock hours during the semester and for the purpose of professional socialization and practice skills development. Prerequisite: All major requirements.

Concurrent SW 406.

Sociology

The program in sociology is designed to prepare students for graduate study in sociology and related fields and to provide elective courses and an area of study for interested students. As a scientific study of society and its various social groups, institutions, and processes, undergraduate offerings in sociology provide foundation content in sociological theory, research development and implementation, quantitative reasoning and social phenomena of interest to sociologists. The requirement for a minor is a minimum of eighteen hours. A grade of C or above must be earned in the core sociology courses.

Course Descriptions

Sociology

SO 201. Introduction to Sociology (3); F, S

An examination of society, social institutions, and social processes, as related to understanding social interactions.

SO 204. Social Problems (3); F, S

An examination of the social environment and social structure to understand the features of contemporary society, and to understand the causes and consequences of social problems. Prerequisite: SO 201.

SO 254. Social Statistics (3); F

Basics of descriptive, inferential, and co-relational statistics and issues involved in measurement. Development of skills needed for critical review and analysis of quantitative data in journals and other research reports. Prerequisite: Six hours of math.

SO 304. Social Theory (3); S

Discussion and analysis of selected theories, the context of their evaluation, and their application in research methodology. Identification of the contribution to sociology of scholars outside the mainstream (Women, African Americans) and other minorities. Prerequisite: SO 201.

SO 306. Group Process (2); F

Laboratory in group process during which class members examine the unique characteristics and principles of group dynamics. Emphasis is placed on starting, leading and ending groups. Prerequisite: Junior standing or permission of the instructor.

SO 316. First Generation College Students (2); F, S

An examination of the impact of prior family, school, and community socialization on the college experience, particularly as these relate to first generation college students, in order to identify the factors influencing college and career choices. Prerequisite: Junior standing or permission of the instructor.

SO 323. Social Psychology (3); F

The study of socialization and its products (i.e., the processes whereby individuals learn the values and behaviors of a social group and adjust their behavior/values to meet group expectations.) Prerequisite: Psychology 211 and Sociology 201.

SO 327. Marriage and the Family (3) F, S

An examination of the multiplicity of changes that are affecting the structure and functioning of today's family. Prerequisite: Junior standing or permission of instructor.

SO 354. Advanced Statistics (3)

Second course in measurement, stresses competencies in inferential multivariate statistics. Covers applications of statistical procedures for behavioral research, administrative decision-making and making generalizations. Prerequisite: Sociology 254.

SO 358. Honors Seminar in Sociology (3); F, S

Current issues of interest to sociologists are researched for presentation or publication. Prerequisite: Junior standing, or honors status.

SO 359. Topical Seminar (2); F, S

Topics of interest to sociologists are intensively researched, examined and analyzed. Prerequisite: Junior standing.

SO 405. Research Methods and Design (3); F

Methods of data collection, analysis, interpretation, and reporting. NOTE: This course requires completion of a research design for use in Sociology 406. Prerequisite: SO 254.

SO 406. Research Seminar (3); S

Provides an in-depth examination of selected social issues through research to enable students to carry out the research proposal designed in Sociology 405. Prerequisite: Sociology 405.

Course Descriptions

Sociology

SO 201. Introduction to Sociology (3); F, S

An examination of society, social institutions, and social processes, as related to understanding social interactions.

SO 204. Social Problems (3); F, S

An examination of the social environment and social structure to understand the features of contemporary society, and to understand the causes and consequences of social problems. Prerequisite: SO 201.

SO 254. Social Statistics (3); F

Basics of descriptive, inferential, and co-relational statistics and issues involved in measurement. Development of skills needed for critical review and analysis of quantitative data in journals and other research reports. Prerequisite: Six hours of math.

JMS Course Descriptions

JMS 101-104 Newspaper Production (1 Credit) Students instructed on the fundamentals in producing the campus student newspaper, *The Bennett Banner*. Based on their practical experiences and interests, students in JMS 101-04 assume specific staff duties and responsibilities, such as reporters, writers, photographers, sales, and desktop publishing. The instructor/adviser discusses how to apply professional standards to news gathering, reporting work, publishing, and students will be given opportunities to enter in national and local collegiate journalism competitions and to network with local media professionals who can critique and provide career advice. Students will operate Macintosh computers in most phases of the production effort. Software programs include Microsoft Word, In Design, QuarkXpress, and Photoshop 6.0. In addition to the

print edition of, *The Bennett Banner*, students will also be involved in the production of the on-line edition of the newspaper – Banner Online. (1) *One credit; may be repeated four times for a total of four credits. JMS majors (Print Journalism sequence) are required to complete this course at least two times (2 Credits); they must earn at least a “C” for the final grade. Prerequisites None.*

JMS 162 Media & Society (3 Credits) Survey course focusing on the roles and impact of media in society. Students will gain an understanding of the principles, processes and practices of print, broadcast, electronic and human communication. Students will also gain an understanding of the growing influence of media and the literacy skills needed to learn critical analysis of the daily images, words and content of media. *Prerequisites None.*

JMS 165 Writing Across the Media (2 Credits) Integrated approach to basic media writing and editing for print journalism, broadcasting, public relations, advertising and online. Course emphasizes fundamental skills required for all media writing and shows how to apply those skills to different media formats. *Prerequisite: JMS 162*

JMS 170 Language Skills for Journalists (3 Credits) “Talk and Chalk” course for JMS majors. It provides JMS majors a foundation for dealing with common problems in media writing and editing, spelling, wordiness, grammar and news style. Students are presented with exercises/examples media professionals encounter most frequently. *Prerequisite: JMS 162 or Instructor Permission*

JMS 210 Math Tools for Journalists (1 Credit Hour) Course covers basic math skills for journalists through problem-based exercises in the text and real time hands-on activities. This course has been designed for the JMS department to meet math mandates of Accrediting Council Education in Journalism and Mass Communications which became effective September 2001. *Prerequisites: JMS 162 and MA 110.*

JMS 251 News Reporting I (3 Credits) Lecture/laboratory provides students – *who possess little or no training in journalistic writing skills* – with the fundamentals of news gathering and news reporting for newspapers. Students guided in writing good “publishable” news leads; using appropriate news style; and applying other basics used in news reporting. Techniques taught be applied to other media writing including news releases, television news and online news reporting. Course includes field trip(s) and guest speakers from local newspaper. *Prerequisites “C” or better in JMS 170 (JMS majors); “C” or better in EN 102 (all non majors).*

JMS 272 Writing for Radio/TV (3 Credits) Course provides students with fundamentals of preparing material for **TV and Radio**. Emphasis on broadcast writing copy skill development and broadcast news style.

JMS 280 Editing & Graphics in Journalism (3 Credits) Lecture-laboratory course covers creative and practical aspects of editing, typography, layout and design of printed communications. Students will also be introduced to at least one of the current desktop publishing software programs through laboratory practical experiences. Information from this course is useful for all JMS majors. *Prerequisite: JMS 170 or Instructor Permission.*

JMS 282 Broadcast Survey (3 Credits) Introductory course including both theory and performance-based providing an overview of electronic media. Provides specialized training in on-air announcing and news reporting. *Prerequisite: JMS 162 or Instructor Permission.*

JMS 290 Radio Production I (3 Credits) Course covers fundamentals of radio production including audio equipment operations, microphone techniques, tape editing, industry standards and policies for radio programming. Students required to produce Public Service Announcements for local nonprofit agency, for service learning projects. *Prerequisite: JMS 272*

JMS 294 TV Production I (3 Credits) Course covers fundamentals of video production, dealing with cameras, microphones, lighting, staging, field and studio production, editing and post production. Students expected to become proficient with production equipment, as well as make creative and aesthetic decisions regarding program content. Course also includes crew motivation and team building *techniques*. *Prerequisite: JMS 272.*

JMS 300 Advertising (3 Credits) Examines the principles and techniques of advertising using theory and practice. Through researching, writing and designing advertising for all media students will examine necessary strategies, guidelines and decisions to develop specific campaigns with selected media criteria. *Prerequisite: JMS 272 or Instructor Permission.*

JMS 330 Photojournalism & Digital Design (3 Credits) Lecture/laboratory introduces students to the digital tools utilized by journalists and media practitioners. Students will gain aesthetic aptitude, experience with digital still cameras, and develop basic abilities on industry-standard computer graphics and design applications. Students must use personal digital cameras. *Prerequisite: JMS 251, or Instructor Permission.*

JMS 325 Sales & Marketing (3 Credits) Examines the principles and techniques of media sales and marketing using theory and practice through planning, directing and evaluating media message strategies and media systems. In-depth analysis of broadcast, online and print media using *Arbitron, Nielsen, Starch* and other reports. Media planning and buying including publication, direct-mail, Yellow Pages etc. to establish effective marketing related strategies and goals. *Prerequisite: JMS 300.*

JMS 352 News Reporting II (4 Credits -- 3 hours lecture and 1 hour lab) Lecture/laboratory in which students practice advanced techniques in gathering and writing for The Bennett Banner newspaper and its online edition. Emphasis on beat assignment reporting interviewing techniques; students also required to submit news and/ or feature articles for publication in local professional newspapers *Prerequisite: JMS 251 or "C" or better in EN 201 (all non majors).*

JMS 360 Feature Writing (3 Credits) Students get practical experience researching, interviewing and applying creative writing techniques for feature stories for newspapers. Emphasis on writing process, audience analysis, topic selection, story development, news style, editing and revision. Students required to submit some of their work to the Bennett Banner, professional newspapers and other online collegiate media. This is an advanced writing course. Non majors should have a foundation in writing non fiction and/or news writing and reporting. *Prerequisite: "C" or better in JMS 351 (JMS majors) or Instructor Permission.*

JMS 361 Public Relations I (3 Credits) Introduces practices and techniques used by public relations professionals and to develop professional writing skills with emphasis on external communications; press releases, news conferences, public service announcements, spokesperson training, memo's and employee relations. *Prerequisite: JMS 325 or Instructor Permission.*

JMS 362 Public Relations II (3 Credits) Emphasis on understanding theory and practice, use of research, and ethics through case study analysis. Also, focuses on a variety of internal communications vehicles, government relations, crisis communication, and public opinion. *Prerequisite: JMS 361*

JMS 363 Opinion & Persuasive Writing (3 Credits) Students identify, research, and apply writing techniques used to write persuasive and opinion pieces for newspapers. Students get practical experience in identifying, researching, interviewing, and applying techniques for opinion/ persuasive writing. Emphasis on analysis, critical thinking, current events, social policy. Students required to submit some work to the Bennett Banner, professional newspapers and other online collegiate media. This is an advanced writing course. Non majors should have a foundation in writing non fiction and/or news writing and reporting. *Prerequisite: JMS 352 or Instructor Permission.*

JMS 365 Research and Information Gathering (3 Credits) Special emphasis on how to use "Search Strategy Model" as a process to gather, evaluate, synthesize and use material to produce any type of media message. Search strategy techniques and resources as explained may also be applied to any other academic research work such as term papers and research projects. *Prerequisite: JMS Junior standing (at 65 Credits); non JMS majors need Instructor Permission*

JMS 366 or 467 Journalism/Media Internship (3 Credits) Supervised journalistic/media practices. JMS majors are provided an opportunity to hone skills and acquire practical media experience **off campus** and at **professional organizations** including radio and television stations, newspaper organizations, government and non profits. Conferences with JMS internship coordinator for guidance and evaluation. Advance arrangements must be made through JMS internship coordinator. JMS majors required to intern at the site at least **168 hours** (i.e., 12 hours per week for 14 consecutive weeks during fall or spring semesters, or summer break). *Prerequisites: JMS Junior standing 65 hours with a 2.0 GPA or higher; "C" or better in all required JMS courses or better; JMS Academic Advisor approval; confirmation – by JMS intern coordinator – of a bonafide off-campus internship before the DP/F Deadline for the semester of internship. JMS internship may be repeated once for additional 3 Credits to satisfy JMS elective requirement.*

JMS 380 African Americans and Media: (3 Credits) Course examines the participation and portrayals of African Americans in broadcast and print media, advertising, film, and media research. Readings, discussion, videos, and writing exercises are aimed at increasing awareness of the interface between mass media and African Americans. *Prerequisite: Junior Standing or Instructor Permission*

JMS 381 Advanced Editing and Publication Design (4 Credit) Advanced instruction on publication editing and graphic design, with emphasis on creative and practical aspects of contemporary typography, design of printed communications. Besides lectures and discussions, a weekly laboratory experience in which students work as copy editors on *The Bennett Banner* is required. (3 lecture; 1 lab practicum) *Prerequisite: JMS 280. Open to non majors who complete a copy editing test with 70 percent or higher. Test administered by the JMS Department.*

JMS 391 Radio Production II (3 Credits) Advanced lecture/laboratory course on production techniques and programming. Labs include producing air-checks, news, remote interviews, and individual project productions. *Prerequisite: Instructor Permission.*

JMS 395 TV Production II (3Credits) Advanced theory and practices of TV production. Students required to produce individual projects and several team productions. Emphasis on production activities including PSA's commercials, documentaries, features, public affairs, and/or dramatic programs.

JMS 400 Media Law (3 Credits) Survey of legal structure governing the mass media industry. Topics include legal issues such as obscenity, trademark, libel, slander, privacy, copyright, broadcast and advertising regulations, plagiarism, and the First Amendment.

JMS 401 Media Ethics (3 Credits) This course provides the ability to demonstrate various approaches to ethical thought, explore the breadth and depth of ethical challenges through the extensive analysis of real case studies, using the Potter's Box SAD process of analysis, and begin the personal development of ethical codes of professional behaviors. *Prerequisite: Instructor Permission.*

JMS 407 Media Convergence (F) (1 Credit) Part I: Planning a Multi-Media Project JMS majors from all sequences collaborate to produce a multiple real-time media package. Emphasis is placed on team work in the planning stages such as researching, issue/event selection; story pitching; presentation, promotion and marketing; directing and producing; reporting, writing and editing. Students will meet regularly throughout the semester. All JMS faculty serve as advisers. *Prerequisite: JMS Junior standing (at least 65 credits), or Instructor Permission.*

JMS 408 Media Convergence (S) (1 credit hour) Part II: Creating the Multi-Media Project. Students produce the multiple media package. Emphasis is placed on the interrelation of print, online, broadcast, pr, marketing and promotions concepts to showcase the final project. Students are required to present the final product to the campus community. All JMS faculty serve as advisers. *Prerequisite: JMS 407 or Instructor Permission*

JMS 415 International Media (3 Credits) Special interest study and project under the direction of JMS instructor, provides an overview of various media systems from around the world and comparison/contrast with U.S. media. Analyses include basic concepts underlying theory and practice of media impact on cultures of originating countries and regions; government laws and regulations as they apply to media; and media trends and formats (i.e., radio, television, print, and online). Different media systems may be examined each time course is offered. *Prerequisite: Junior status (JMS majors), or Instructor Permission.*

JMS 450 Reporting Public Affairs (3 Credits) Advanced instruction in cross-media reporting local, state, and federal government; politics, finance, labor; social policy, and environmental issues. Emphasis on investigating current or real-time news issues. Course includes field trips and guest speakers. *Prerequisite: JMS 352.*

JMS 459-460 Independent Study (3 Credits) Individual research and writing projects on media topics. *Prerequisite Junior/Senior Standing, 2.8 GPA minimum, topic approval by major professor, academic advisor, department chair, and vice president for academic Affairs.*

JMS 493 Advanced Production (3 Credits) Advanced course to increase the students' proficiency in ENG production and editing. Course requires students to make creative and aesthetic decisions regarding content and programming.

Computer graphics and advanced editing techniques will be presented. *Course requirement includes a video portfolio. Prerequisite: JMS 395.*

JMS 469 Media Management (3 Credits) Survey covers special circumstances faced by all media managers including multimedia organizations, newspapers, television and radio. Topics include programming issues, legal constraints, employment practices, social pressures, the internet and New-Media Conglomerate. *Prerequisite: Junior Standing or Instructor Permission.*

JMS 497 Media Criticism (3 Credits) Course introduces analytical approaches to media presence and power in modern society and culture. Emphasis on inspiring students to think critically and ask the “right” questions about their personal patterns of media involvement. *Prerequisite: Junior Standing or Instructor Permission*

JMS 498 Mass Communication Theory Credit: (3 Credits) Introductory course provides overview of various mass communications theories. *Prerequisite: Senior Standing or Instructor Permission.*

JMS 499 Mass Communication Research Credit: (3 Credits) Introductory course provides overview of various social science methodologies used in mass communication research. Topics covered quantitative and qualitative methodologies. Research techniques include content analysis and survey research methodology. Students required to complete a pilot research project. *Prerequisite: Senior Standing or Instructor Permission.*

JMS 500 The Newspaper Business (1 Credit Hour) The newspaper is more than just news and the purpose of this course is to demonstrate that. Seminar provides information about the “other” facets of a newspaper organization with emphasis on newsroom management; media technology, career opportunities; sales and marketing; circulation and online electronic news. Course includes guest speakers newspaper professionals including Editors and Managers and field trips. Requirements include a major project. *Prerequisite: JMS 251 or Instructor Permission.*

JMS 520 Honors Seminar: Special Topics (3 Credits) Provides Media Scholars an opportunity to investigate mass communications theories, issues or other subjects of topical importance and interest. Scholars required to conduct, complete and write an independent original research project to be submitted for presentation at a journalism seminar, workshop, panel, convention or referred scholarly publication. *Prerequisite: SO 254 Topic and research methodology (quantitative and qualitative), Junior or Standing or Instructor Permission.*

JMS Portfolio: Graduation Requirement for all JMS majors Features a compilation of each JMS senior’s best work produced during her matriculation.

Well-designed portfolio is practical and useful for the student. Contents include: Current Resume'; Best Practicum JMS Project (e.g., tapes, CD, clip book, etc.); Four Samples of best written projects; and letter(s) of Recommendation Internship Supervisors. **Media Scholars** Contents include: Current Resume'; Best JMS Research (research paper); Four Samples of best letters of application to graduate or professional programs; letter(s) of recommendation from other faculty familiar with work/skills (not from JMS department). *All JMS faculty members will evaluate every portfolio during the final exam period.*

Course Descriptions

English

EN 099. Discovery and Expression (3) F & S Intense instruction in English syntax and grammar. Prerequisite: Placement test

EN 102. College Composition. (3) F & S

Writing as a process. Emphasizes rhetorical situation, purpose, persona, and audience. Focus on reflective, evaluative, expository, and persuasive essay writing. Prerequisite: Placement test or successful completion of EN 099. Required of all students.

EN 103. Introduction to Literature (3) F&S

Study of literature--poetry, fiction, drama. Introduction to techniques of literary analysis. Prerequisite: EN 102.

Required of all students.

English Major Courses

All students must make a "C" or better in English courses to receive credit.

EN 201. Research Writing (3) F&S

Combines study in the classroom, in the library, and field research to teach research methods applicable to the field. Emphasis on writing up research findings in MLA format. Includes: evaluating credibility and accuracy of research materials, focusing a thesis statement, organizing materials, citing sources. Prerequisites: EN 102 & EN 103. Required of all English and English Ed. majors. May be elective or requirement for other majors.

EN 211. Advanced Grammar (3) F

A comparative study of modern grammar and the effect on standard American English. Study of traditional (prescriptive) grammar and two descriptive grammars: structural and transformational. In-depth analysis of grammar and linguistic conventions. Prerequisites: EN 102 & EN 103. Required of all English and English Ed. majors. May be an elective or requirement for other majors.

EN 300. Survey of Literary Criticism (3) S

A survey of literary criticism and application of theory. Prerequisites: EN 102 & EN 103.

EN 317. Advanced Composition (3) S

Intensive use of various rhetorical techniques. Extended writing tasks through the application of rhetorical strategies. Prerequisites: EN 102 & EN 103. Required of all English and English Ed. majors. May be an elective or requirement for other majors.

EN 329 (F)/EN 330 (S) Seminar: Special Topics in Literature

This seminar-style course studies in depth a specific aspect of literature. Designed to provide advanced work in literary analysis, interpretation, and research. Primarily for majors in the junior and senior year who have completed foundation work in the area of Renaissance, African Novels, Southern American Novels, Contemporary African American Female Authors. Credit: 3 hours. Prerequisites: EN 102, 103, 201 and appropriate foundational survey courses(s) - (e.g., if the special topic is the Harlem Renaissance, the student must have completed EN 333/334 Survey of African American Literature I & II). This course serves as an English Elective or Free Elective for English majors, and is open to all non-English majors as a Free Elective. Students may take the Special Topics course only twice.

EN 361. Methods and Materials in Teaching Middle

Grades Language Arts (3) F

A thorough study of the materials and methodology of middle grades language arts. Attention to recent developments in the use of multi-media, instructional techniques, and materials for instruction is given. Required: 30 hour Pre-Profession Practicum Experience. Prerequisite: Admission to the Teacher Education Program.

English Survey Courses

Non-Teaching English majors must take three survey courses for a total of 18 hours. Survey of English Literature I & II (6); American Literature I & II (6); and African-American Literature I & II (6).

EN 207-208. Survey of English Literature I. & II (6) Offered alternate years

A study of the literature of Great Britain and its protectorates with emphasis on masterpieces of each period. Chronological. Prerequisites: EN 102, EN 103. Required for all English Majors. Electives for majors in other departments.

EN 323-324. American Literature I & II (6) Offered alternate years

A study of the development of American literature with an emphasis on the works of major writers from the Colonial Period to the Modern Period. Prerequisites: EN 102, EN 103. Required for all Non-Teaching majors. Electives for majors in other departments.

EN 333-334. African American Literature I & II (6) Offered every year

A study of the development of African American Literature from the Colonial Period to the Modern Period with emphasis on major writers and works. Prerequisites: EN 102,

EN 103. Required for all English and English Ed. majors; electives for majors in other departments.

English Period Courses

Non-teaching English majors must select two (2) of the Period Courses listed below for a total of six (6) hours. English Education majors may select period courses as electives.

EN 319. Old and Middle English Literature (3) Offered alternate years

A study of English Literature from 800 C.E. to 1500 C.E. with emphasis on Beowulf, the Pearl Poet's works, Chaucer's works, and Malory's works. Prerequisites: EN 102, EN 103. Counts as period course for majors; may be taken as elective by majors in other departments.

EN 320. Renaissance Literature (3) Offered alternate years A study of Renaissance literature from Wyatt and Surrey to the early Milton, and including drama, poetry, translations, and prose from major figures of the sixteenth and early seventeenth centuries. Prerequisites: EN 102, EN 103. Counts as a period course for majors; may be taken as elective by majors in other departments.

EN 321. Romantic and Victorian English Literature (3) Offered alternate years

A study of early nineteenth-century English Romanticism and Romantic writers and Victorianism and Victorian Writers. Prerequisites: EN 102, EN 103. Counts as a period course for majors; may be taken as an elective by majors in other departments.

EN 435. Restoration and Eighteenth-Century Literature (3) Offered alternate years

A study of Restoration and eighteenth-century literature with an emphasis on such major figures as the later Milton, Bunyan, Dryden, Swift, Pope, Johnson and novelists

such as Fielding, Behn, and Richardson. Prerequisites: EN 102, EN 103. Counts as a period course for majors; may be taken as an elective by majors in other departments.

EN 340. Twentieth-Century Literature (3) Offered alternate years.

Study of selected American and British authors of the twentieth century. Prerequisites: EN 102 & EN 103. Counts as a period course for majors; may be taken as an elective by majors in other disciplines.

English Electives

EN 202. Technical Writing (3) F, S

Practical application of techniques of technical writing, including technological applications. Prerequisites: EN 102 and EN 103. English elective for majors; may be taken as elective for all other majors.

EN 209. Readers Theater (3) F, S

A performance course that gives experience in public reading and formal presentation of original dramatic scripts designed to enhance the curricular and co-curricular education of Bennett students. Prerequisite: EN 102 and EN 103
Elective for English majors and majors of other disciplines. May be taken twice for credit.

EN 325. Shakespeare (3) F

Study of selected plays of Shakespeare with reference to their connection to sixteenth-century culture, politics, religion, and values. Prerequisites: EN 102 & 103. Elective For non-teaching English majors and requirement for English Education majors.

EN 328. Creative Writing (3) S

Coaching in writing creative fiction, poetry, and drama. Prerequisites: EN 102 & 103. Elective for all students.

EN 350/351. Writing Fellows (3)/(6) F

Writing Fellows prepares advanced writers to tutor and assist other students in writing. The course is organized into two phases: 1) Classroom Phase. Students have intensive instruction in pedagogy of composition; 2) Practical Phase. Students tutor and assist in composition classrooms. EN 350 students tutor 6 hours per week;

EN 351. Students tutor 10 hours per week Prerequisites: Completion of EN 102, 103, 104/201 with at least a B average. Elective for students in all disciplines.

EN 436. History of the English Language (3) S

Study of historical development of the English language, including influences from 800 C.E. to contemporary times. Prerequisites: EN 102 & EN 103. Required for English Ed. majors; elective for all other majors.

EN 441. World Masterpieces in Translation (3) S

A study of multicultural world masterpieces in English translations. Includes European (excluding British), Asian, African, North American, and South American literature. Prerequisites: En 102 & 103. Elective for students in all disciplines.

EN 459/460. Independent Study (3) F/S

Open to students who have the required G.P.A. and have demonstrated the necessary degree of self-motivation and academic ability. Prerequisite: 2.5 G.P.A.; Junior or Senior Standing; Consent of instructor.

General Education Courses in Spanish

The General Education Program at Bennett College includes a foreign language requirement of six (6) sequential credit hours. If a student has no previous study of Spanish, she can complete the General Education foreign language requirement in Spanish with Elementary Spanish I (SP 101) and Elementary Spanish II (SP 102).

Entering freshwomen with three (3) or four (4) years of high school Spanish and transfer students who studied Spanish in their previous academic institutions who wish to continue the study of Spanish are required to take a placement test during orientation. The placement test is optional for students with one (1) or two (2) years of high school Spanish who wish to place at a higher level than Elementary Spanish I.

If the student places at a higher level than Elementary Spanish I, she must take the next two higher level Spanish courses sequentially; in all cases, the course credits of Spanish earned must total six (6) credit hours. A student may not be exempted from

this requirement based on a placement test score. The purpose of the placement test is to place the student into a course at the appropriate level for her to continue her study and to earn six (6) academic credits. It is not intended for placing her out of the Spanish six (6) credit hour requirement.

Students who are seeking to place out of the Spanish six (6) credit hour

requirement and to receive course credit at Bennett through examination or prior study should utilize the College Level Examination Program (CLEP) or the Advanced Placement (AP) course credit procedure.

SP 101. Elementary Spanish I. (3) F, S

Fundamentals of grammar, listening, oral practice, reading and writing. Three hours a week in classroom and one hour a week in language laboratory. Prerequisite: Placement test.

SP 102. Elementary Spanish II. (3) F, S

Continuing instruction in grammar, reading, listening, oral communication. Prerequisites: SP 101 with grade of C or better; or instructor's permission; or two years of high school Spanish; or score of 3 or better of Advanced Placement (AP) exam.

SP 203. Intermediate Spanish I. (3) F, S

Emphasis on listening and comprehension, oral proficiency, grammar review, selected readings. Prerequisites: SP 102 with grade of C or better, or instructor's permission, or three years of high-school Spanish, or score of 4 on Advanced Placement (AP) exam.

SP 204. Intermediate Spanish II. (3) F, S

Continuing emphasis on listening and comprehension, writing, oral communication, grammar, readings, Spanish and Latin American Culture. Prerequisites: SP 203 with grade of C or higher, or instructor's approval.

General Education Courses in French

FR 101. Elementary French I. (3) F, S

Fundamentals of grammar, listening, oral practice, reading and writing. Three hours a week in classroom and one hour a week in language laboratory. Prerequisite: Placement test.

FR 102. Elementary French II. (3) F, S

Continuing instruction in grammar, reading, listening, oral communication. Prerequisites: FR 101 with grade of C or better; or instructor's permission; or two years of high school French; or score of 3 or better of Advanced Placement (AP) exam.

FR 203. Intermediate French I. (3) F, S

Emphasis on listening and comprehension, oral proficiency, grammar review, selected readings. Prerequisites: FR 102 with grade of C or better, or instructor's permission, or three years of high-school French, or score of 4 on Advanced Placement (AP) exam.

FR 204. Intermediate French II. (3) F, S

Continuing emphasis on listening and comprehension, writing, oral communication, grammar, readings in French and Francophone culture. Prerequisites: FR 203 with grade of C or higher, or instructor's approval.

FR 448. Topics in Language and Literature. (3) Student Request/Need

Content varies. Focus on one area of French or Francophone literature or culture. Prerequisites: FR 203 and 204 with grade of C or higher; or permission of instructor.

FR 459/460. Independent Study (3) F, S

Further study in French language, literature, or culture with content to be determined. Prerequisites: Standing to take independent study; FR 203 and 204 with grade of C or better; or four years of high-school French and permission of Instructor.

Advanced Courses in Spanish

SP 305. Conversation and Composition I. (3) F

Students expand upon and increase proficiency in spoken and written Spanish. They converse and write about varied topics of current interest and about cultural comparisons and contrasts. Prerequisites: SP 204 with grade of C or higher, or permission of instructor.

SP 306. Conversation and Composition II. (3) S

Students write and converse with more development and complexity than in SP 305. Prerequisites: SP 305 with grade of C or higher, or permission of instructor.

SP 307. Introduction to Spanish Literature. (3) F

Students read representative works in anthologies and learn to discuss genres and literary periods and movements. Prerequisites: SP 305 and 306.

SP 308. Introduction to Spanish-American Literature. (3) S

Students read representative works from Spanish America and continue to learn to discuss genres and literary periods and develop an understanding of literary analysis. Prerequisites: SP 305 and 306.

SP 309. Spanish Culture and Civilization. (3) F

Students become acquainted with the culture and civilization of Spain in readings about history, literature, music, arts, and customs. Prerequisites: SP 305 and 306.

SP 310. Spanish American Culture and Civilization. (3) S

Introduction to the rich cultural heritage of Spanish speaking countries of the Western Hemisphere. Survey of history, literature, music, and other arts and customs. Prerequisites: SP 305 and 306.

SP 412. Advanced Spanish Grammar. (3) F or S

Systematic study of modern Spanish morphology and syntax. Prerequisites: SP 305, 306, 309, and 310.

SP 414. Advanced Colloquial Spanish (3) Student request/Need

Study of spoken Spanish as catalyst of popular culture; comparison of popular sayings and proverbs in English and Spanish; Spanish language in mass media. In-depth interviews with Spanish-American educators, social scientists, and social workers. Prerequisites: SP 305, 306, 309, 310.

SP 456 or 460. Independent Study. (3) F, S

Content varies. Further study in language of literature. Prerequisite: Permission of instructor.

Department Of Visual & Performing Arts

The Department of Visual and Performing Arts is dedicated to fostering excellence in visual arts, music and theatre. The Department has three tracks: theatre, music, and arts management.

Course Descriptions

Speech

SH 103. Fundamentals of Speech (3) F, S

An introductory course on the essentials of speechmaking, with emphasis on the organization and delivery of oral messages. Skill development in spontaneous speaking, short organized presentations, and critical and appreciative listening. Prerequisite: None.

SH 305. Argumentation and Debate (3) F

Decision making through argumentation with special emphasis on the analysis of issues, reasoning, and refutation. Introduction to principles of oral and written argumentation and debate. Prerequisite: SH 103.

SH 310. Seminar in Organizational Communications (3) F

Designed to introduce major terms, concepts, and perspectives necessary for the application of communication theory to industrial and organizational settings. Emphasis on examining how organizational structure, processes, and culture are reflected by and created through communication. Prerequisite: Junior/Senior Standing

Theatre Arts

TH 102. Theatre and Culture (3) F

Appreciation of theatre as a forum, which surveys and analyzes the contributions of playwrights, actors, directors, designers, and managers coupled with dramatic literature. All vocational areas of theatre are explored. Prerequisite: None.

TH 120. Improvisation (2) F, S

The student is encouraged to examine the means by which she becomes an actress through improvisation, scene study, and, finally, improvising a play. No Prerequisite.

TH 122. Movement I (2) F, S

An introduction to stage movement and kinetic practice and intentions. No prerequisite.

TH 123. Movement II (2) S

Continuation of Movement I class. The basic principles for developing fitness will be presented. Prerequisite: TH 122.

TH 201. Business in Theatre (2) S

Business in Theatre is an introductory management course for all persons desirous of a career in theatre arts. The student will be introduced to the rules of entertainment law. Prerequisite: None.

TH 204. Acting (For Non-majors) (3) F, S

Training of the actor as a unit or method and development of his/her powers of concentration, observation, and imagination and relating these elements to contemporary acting. Prerequisite: None.

TH 220. Performance and Production (2) F, S

The students will learn through theatre productions how to develop creative/intuitive instincts in performing.(This course may be repeated for eight (8) semesters) Prerequisite: None.

TH 221. Introduction to Technical Theatre (2) F

The what, when, and why of all backstage equipment and how to use it to maximum effect with safety, speed, and efficiency. Prerequisite: None

TH 230. Stage Lighting (3) S

A beginning course in stage lighting that emphasizes the practical aspects of lighting a production. Students learn through exposure to and working with the variety of equipment available to meet the lighting demands of any play. In addition, there are discussions of electricity, design, color, and special effects. Prerequisite: None.

TH 231. Acting I (3) F

This course is designed to teach performers the basic fundamentals and techniques of acting. Students learn to control the body's creative energy by participating in such exercises as solo acting, duo acting, and basic auditions. Prerequisite: None.

TH 232. Stage Makeup (2) F

The basic principles and practices in make-up for stage, screen, and television are used. Practice in use of cosmetics, wigs, hairpieces, and facial prosthetics and masks. Prerequisite: None.

TH 233. Studio Acting (2) S

This is a laboratory class providing practical experiences within the area of acting as demonstrated in Acting I. Students enrolled in this course are required to complete one modern scene study assignment for production and one complete audition that entail two contrasting monologues. This course works toward a culminating activity, which is a one-act modern play to be performed for a jury. Prerequisite: TH 231 Introduction to Acting I.

TH 233-L. 1st Year Laboratory (2) S

Students are required to complete one modern scene study assignment for productions. Scenes must be performed with costumes, set pieces, and properties. Prerequisite: None.

TH 235. History of Theatre I (3) F

Theatre History and Dramatic literature and theory from the Italian to the Pre-Modern era will be well read and analyzed. The physical theatre and culture of the period are also touched upon as they affect the theatre of each period. Prerequisite: None.

TH 236. History of Theatre II (3) S

Theatre History and Dramatic literature and theory from the Italian to the Pre-Modern era are well read and analyzed. The physical theatre and culture of the

period are also touched upon as they affect the theatre of each period. Prerequisite: TH 235 History of Theatre I.

TH 238. Voice for the Actor (2) F, S

Study and exercises in the sociological, physiological, and acoustical aspects of vocal delivery to develop clear articulation and effective speech in theatre productions. Prerequisite: None.

TH 239. Stage Craft (3) F

A beginning course in stagecraft with emphasis on building and painting scenery. Prerequisite None.

TH 255. Oral Interpretation (3) S

This course is designed to introduce and assist students to fully understand a literary selection. The course prepares the student to analyze literary selections, which are the indispensable first step of any rehearsal. The process of analysis described in this course emphasizes the interpreter's relationship to the literature and the position the interpreter takes in recounting the experience. This course is a must for students pursuing a career in performance (acting). Prerequisite: None.

TH 331. Acting II (3) F

A study of role analysis and the problems and techniques of creating subtexts with special relation to the actor's natural qualities. Prerequisite TH 231 Acting I.

TH 332. Studio Acting II (2) S

This is a laboratory class providing practical experience within the area of Acting. Students are required to complete two contrasting period styles, namely, Restoration/Brecht and Epic style; Eclectic/Absurd scenes and one Absurd/Avant- Garde monologue. Scenes must be performed with costumes; set pieces must be from the Avant-Garde/Absurd era. Prerequisite: TH 331 Acting II.

TH 337. Acting for the TV/Cinema (3) S

Advanced work in the special problems of applying acting techniques to the demands of the modern media. Practicum experience designed for television and cinema. Prerequisites TH 331, TH 332.

TH 338. Principles of Costuming (3) F

The systematic study of form, line, balance, tone, shade, value, and pattern with reference to the human form and its costume. Prerequisite: None.

TH 339. Community Theatre (2) F

Techniques in producing community theatre with adult and child actors are explored. Experience in arts management and promotion is required. Prerequisite: None.

TH 352. Playwriting (3) F, S

A laboratory course in dramatic writing, including study and practice in writing for the modern stage. Prerequisite: None.

TH 362. Black American Theatre (3) S

A study of significant developments in the American Black Theatre since 1900 as reflected through the major playwrights and theatre organizations. Prerequisite: None.

TH 410. Senior Repertory (1) S

A study of significant developments in the American Theatre since 1900 as reflected through the major playwrights and theatre organizations. Prerequisite: Completion of 18 hours of Theatre courses.

TH 422. Directing (3) F

Elementary principles of staging plays, practical work in directing a one-act play. Attention is given to the principles of selecting, casting, and rehearsing of plays. Prerequisite: completion of 18 hours of Theatre courses.

TH 423. Advanced Directing (3) S

A consideration of rehearsal problems and techniques associated with full-length shows. In conjunction with the theatre problems, students direct projects selected from a variety of genres. Prerequisite: None.

TH 431. Acting III (3) F

A study of the problems and techniques in periods and styles through intensive scene study and performance of Greek, Shakespearean, and Romantic works. Prerequisite TH 331 Acting II.

TH 432-L. 3rd Year Laboratory (2) S

Students are required to complete two contrasting classical scenes and one classical monologue. Scenes must be performed with costumes, set pieces, and must be from the Greek or Shakespearean era. Prerequisite: Instructor's permission.

TH 432. Studio Acting III (2) S

This is a laboratory class providing practical experience within the area of acting as demonstrated in Acting III. Students are required to complete two contrasting classical scene and one classical monologue. Scenes must be performed with costumes, set pieces and must be from the Greek and Shakespearean era. Prerequisite TH 431 Acting III.

TH 433. Children's Theatre (3) F

Various techniques used in producing Children's Theatre with adult and child actors. Experience in scene design, lighting, costuming, acting, directing and promotion. Class work plus participation in the Children's Theatre workshop required. Prerequisite: None

TH 434. Theatre Management (3) F

The theories and practices of theatre management and administration as they pertain to publicity, box office printing, scheduling, grantsmanship, and fundraising including computer applications. Prerequisite: None.

TH 435. Scene Design (3) F, S

An exploration and investigation of the nature of scenic design. In addition to this, the course is designed to explore and analyze modern drama, modern playwrights, and modern plays. Prerequisite. None

TH 438. Musical Theatre (3) S

Development of skills in energizing, concentration, and structuring, including concepts of physical, vocal, mental, and emotional energy. Concentrating concepts include conceptualization and imagination. Prerequisite None.

TH 453. Modern Drama (3) F

A study of significant developments in the American Theatre since 1900 as reflected through the major playwrights and theatre. Prerequisite: None.

TH 476. Theatre Seminar (3) S

This course is designed to provide the senior level student with an understanding of the various kinds of research as well as to prepare her for bridging her field of study with the necessary preparations for graduate schools and vocational entry positions. In-depth work in preparing students to pass the departmental examination and prepare a marketable project in her field of study will be executed. Prerequisite: completion of 24 hours of Theatre courses.

TH 490. Internship (6 – 9) F, S

Off-campus, on-the-job observation and training of the students pursuing professional work in a variety of traditional and non-traditional careers appropriate to their academic program. An internship must be completed at 100 clock hours for 3 credits, 200 clock hours for 6 credits and 300 clock hours for 9 credits. (May be repeated once for additional 3 credit hours.) Prerequisites: Senior standing and current resumé.

Music Track

Course Descriptions for Music

MU 111. Sight-Singing and Dictation I (1) F

The development of note-reading and singing skills with parallel study in perceiving and writing melodies. Computer-assisted. Prerequisite: Instructor approval.

MU 112. Sight-Singing and Dictation II (1) S

A continuation of Music 111 with emphasis on harmonic dictation and keyboard training. Computer-assisted. Prerequisite: MU 111.

MU 211. Sight-Singing and Dictation III (1) F

A continuation of Music 112 with emphasis on modulation, chromatic harmony. Computer-assisted. Prerequisite: MU 112.

MU 212. Sight-Singing and Dictation IV (1) S

A continuation of Music 211. Computer-assisted. Prerequisite: MU 211.

MU 213. Theory I (2) F

A study of the fundamentals of music and the materials of diatonic harmony. Prerequisite: None.

MU 214. Theory II (2) S

A continuation of Theory I with emphasis on seventh chords, non-harmonic tones, part-writing. Prerequisite: MU 213. MU 225.

Introduction to Music Literature and Appreciation (3) F,

An introduction to music literature and styles. Required as the first course in the music history and literature sequence for music majors. An option for non-majors to meet General Education requirements for graduation. Includes the study of instruments, musical forms, and representative works of leading composers
Prerequisite: None.

MU 226. Music for Classroom Teachers (3) S

A course for prospective classroom teachers emphasizing activities, methods, and materials for teaching music in the elementary school. A service course for education majors. Prerequisite: None.

MU 305. Choral Conducting (1) F

A practical course in conducting with emphasis on the development of skills for proficiency in conducting choirs on the elementary, junior high and senior high levels. Study and evaluation of methods and repertoire. Prerequisite: MU 225.

MU 306. Instrumental Conducting (1) S

The development of basic skills for instrumental ensemble conducting. Experiences will focus on baton techniques, score reading and analysis, terminology, and musical styles. Prerequisite: MU 213.

MU 311 – 312. Diction for Singers (2) F, S

A two-semester sequence to assist singers with the proper pronunciation of English and foreign languages. The first semester will include pronunciation and the study of English and Italian vocal music. The second semester will emphasize French and German languages and literature. Prerequisite: Instructor approval.

MU 313. Theory III (2) F

A continuation of Theory II with emphasis on secondary dominants, counterpoint, chromatic harmony, part-writing, and musical forms. Prerequisite: Music 214.

MU 314. Theory IV (2) S

A continuation of Theory III with emphasis on extended and chromatic harmony, altered chords, twentieth-century techniques of composition, and large musical forms. Prerequisite: MU 313.

MU 317. History and Literature I (3) F

A detailed study of the evolution of musical styles and forms from the beginning of Western Music through the Baroque. Emphasis is placed on lecture, extensive student research, and the development of critical, cognitive, and evaluative aural skills. Research paper required. Prerequisite: MU 225.

MU 318. History and Literature II (3) S

The third unit in the Music History and Literature series. A study of music history and literature from the Classical Period through the Twentieth Century. Research paper required. Prerequisite: MU 317.

MU 329-330. Survey of Instruments (1) F, S

A practical performance course for prospective music teachers. Students develop proficiency on stringed, brass, woodwind, and percussion instruments. Procedures, equipment, and repertoire for instrumental ensembles. Prerequisite: None.

MU 368. Music in the Elementary School – Methods and Materials (3) F

Principles and procedures for developing the general music program in the elementary school. Prerequisite: None.

MU 369. Music in the Secondary School – Methods and Materials (3) S

The teaching of vocal and instrumental music in the middle and senior high school. Prerequisite: None.

MU 411 – 412. Piano Literature (2) F, S

An intensive two-semester survey of piano literature from the sixteenth century to the present, with emphasis upon the development of the modern piano and the development of indigenous forms and styles. Prerequisites: MU 314 and MU 318.

MU 413 – 414. Vocal Literature (2) F, S

A two-semester survey of the art song from the sixteenth century to the present from the viewpoint of the interrelation of poetic text, vocal line, and accompaniment, stylistic features, and technical demands. The first semester will concentrate upon English and Italian songs. The second semester will

concentrate upon French, German, and other songs. Prerequisites: MU 314 and MU 318.

MU 415 – 416. Piano Pedagogy (2) F, S

The study of methods and principles of teaching the piano. Emphasis on teaching the younger student. Criteria for critical evaluation of teaching methods. Supervised laboratory student teaching. Prerequisite: Junior standing in piano.

MU 459 – 460. Independent Study (3) F, S

Open on demand for juniors and seniors with permission of the instructor. (3 hours each semester)

MU 143 – 144. Piano Class (1) F, S

Instruction to small groups of students. Covers the development of basic skills, harmonizing simple melodies, and playing accompaniments. Prerequisite: None.

MU 145 – 146. Voice Class (1) F, S

Principles of tone production, breath control, vocal technique, reading, phrasing, style, and interpretation. Prerequisite: None.

ENSEMBLE

MU 161-162. Choir (1) F, S

Required of music majors. Elective for non-majors. Prerequisite: Audition.

MU 163-164. Instrumental Ensemble (1) F, S

Alternative requirement for music majors. Elective for non-majors. Prerequisite: Audition

Course Descriptions Art

AR 100. An Introduction to the Visual Arts (3) F & S

An overview of the principal visual arts, past and present, including study of aesthetic qualities, composition, structural forms, and historical roles. Prerequisite: None.

AR 102. Design I (3) F

A course in the fundamentals of design in two-dimensional media, excluding color. Prerequisite: None.

AR 103. Design II (3) S

Continuation of Design I with emphasis on three-dimensional art forms. Prerequisite: Design I (Art 102).

AR 104. Basic Drawing I (3) F

Basic principles of drawing in various media stressing the relationship of observation, materials, and methods to form. Prerequisite: None.

AR 105. Basic Drawing II (3) S

Continuation of Drawing I exploring creative concepts and expression. Prerequisite: Drawing I (Art 104).

AR 200. Painting I (3) F & S

A course in painting fundamentals stressing the relationship of materials, techniques, and ideas to visual expressions. Oil and/or acrylic media are explored. Class instruction and critiques. Prerequisite: Drawing I.

AR 201. Painting II (3) F & S

Continuation of Painting I with emphasis on integration of basic pictorial concepts, including the figure in total context. Class instructions and critiques. Prerequisite: Drawing I.

AR 204. Life Drawing I (3) On Demand Drawing based upon the human figure stressing the integration of formal, expressive, and structural aspects of anatomy. Prerequisite: None.

AR 205. Life Drawing II (3) On Demand

Continuation of Art 204 emphasizing composition and expression. Prerequisite: AR 204.

AR 213. Arts and Crafts for Elementary and Secondary Teachers (3) F

Classroom practice in the presentation of art processes and the use of appropriate materials for elementary and secondary students, including a module on arts and crafts for exceptional children. Prerequisite: None.

AR 221. Printmaking I (Relief) (3) F & S

Printmaking processes of relief printing including linoleum, woodblock, calligraphy. Prerequisite: None.

AR 222. Printmaking II (Serigraphy) (3) F & S

Screen printmaking processes (including stencil, tusche , and lacquer techniques). Prerequisite: None.

AR 225. Printmaking V (Advanced Printmaking) (3) On Demand

An exploration of advanced techniques in selected printmaking media, emphasizing personal expression. Prerequisite: None.

AR 240. Ceramics I (3) On Demand

Introduction to the ceramic process, including hand building, throwing, and glazing. Prerequisite: None.

AR 248. Intro to Three-Dimensional Forms (3) S

Materials, techniques, and concepts of three-dimensional design. Prerequisite: None.

AR 330. Photography I (3) F & S

A course in materials, equipment, and basic techniques in black-and-white still photography. Design in pictorial format is stressed. Prerequisite: None.

AR 331. Photography II (3) On Demand

A course in advanced techniques in photographic expression and the exploration of black-and-white photography. Prerequisite: Instructor approval. Prerequisite: Photography I or equivalent.

AR 459, 460. Independent Study (3) On Demand

Independent Reading and Research projects. Open to students with Junior or Senior status and GPA. Consistent with College policy on independent study.

AR 480, 481. Independent Studio I-II (3) On Demand

(Major Project) – (Exhibit)

Students choose the content of this course. A written statement of aims and proposed work is submitted to the course advisor for approval within two weeks after the beginning of the semester. Students work independently and carry out work that demonstrates technical proficiency and originality of concept. Conferences with the advisor, mid-semester reviews of progress, and final art

staff critiques are required. Prerequisite: Advanced status and consent of instructor.

AR 483. Internship (6) F & S

Art students displaying proficiency in technical areas of Visual Arts and those pursuing Arts Management fields will make a written petition to Program faculty to gain on-the-job training in an area of expertise or specialization of interest. Prerequisite: Approval of Visual Arts faculty.

Course Descriptions

Interdisciplinary Studies

IS 155-156. Guided Individual Study (3); On Demand Under guidance of one or more faculty persons, a student designs her own plan for an independent, creative, research project which allows, where appropriate, off-campus involvement in the community. The student is assisted in creating her own learning activity and is encouraged in the process of bringing it to fruition. At the end of the semester, a report is presented. This may be a public presentation, an exhibition, a film, a research paper, or a method of reporting unique to the individual project. Prerequisite: Consent of the instructor.

IS 159. Perception and Aesthetics (3); F

Beginning with sub-verbal experiences, this course concentrates on sensitizing the student to her environment and developing awareness of the function of art in society. Topics covered include the character of the aesthetic experience, the nature of creativity, standards of taste, and the relation of the artist to the community.

Experiments with particular art forms – music, visual arts, reactive writing, drama, and dance – are conducted by special-interest groups at various times during the semester.

Prerequisite: Major standing.

IS 161. Critical Thinking (3); S

An introduction to logic with emphasis on its application in discussion and debate. Prerequisite: None.

IS 257-258. Guided Individual Study 3); On Demand

Continuation of Guided Individual Study (I.S. 155-156). Prerequisite: Consent of the instructor.

IS 357. Learning for Leadership (3); On Demand

A liberal arts approach to organizational dynamics, decision-making, conflict resolution, and personal development. Prerequisite: Consent of instructor.

IS 358. Arts Management I (3); S

This course is designed to acquaint students with the processes involved in effective Arts Management and operation. Emphasis will be on personnel (Human Resources) management, physical plant and facilities, budgeting, fund raising, public performance and programming (exhibitions and productions), and legal considerations in the arts, marketing, and public relations. Prerequisite: Consent of instructor.

IS 438. Arts Management II (3); S

A seminar course that deals with problems, case studies and issues germane to arts management in contemporary society. Both for-profit and non-profit organizations will be the focus of the analysis. The characteristics, relevance, and the socio-political processes impacting on arts organizations will be dealt with. Prerequisite: Consent of instructor.

IS 366. Internship (6); F & S

A structured field-work situation in diverse areas of the community and in cooperation with government agencies, industry, civic groups, and off-campus persons. Prerequisite: Consent of instructor.

IS 379. Leadership Skills (2); F

Analysis of methods used by group facilitator. Students participate in decision scenarios, program planning and proposal writing, budget preparation, and evaluation techniques. Prerequisite: Consent of instructor.

IS 459. Independent Study (3); F & S

Independent reading and research. Open to students with junior and senior standing and GPA. consistent with College standards for independent study. Prerequisite: Consent of instructor.

IS 476-478. Problem Seminars (2); On Demand

Problem seminars let the scholar apply intellectual skills and problem-analyzing abilities freely as a self-initiating educated leader. Problems are discerned from life situations. Prerequisite: Consent of instructor.

Philosophy And Religion

The Major Concentration in Philosophy and Religion through the Interdisciplinary Studies Program consists of a total of 24 hours with not fewer than six (6) hours in Philosophy and not fewer than six (6) hours in religion. This concentration must be uniquely named and uniquely designed and may include Women's Studies courses from other disciplines and courses selected from offerings of the Greater Greensboro Consortium.

A Minor in Philosophy and Religion includes at least 18 hours, with not fewer than six (6) hours in Philosophy and not fewer than six (6) hours in religion; courses for the minor include:

PH 201	Introduction to Philosophy	3
PH 313	Introduction to Ethics	3
PH 427	Tutorial in Philosophy and Religion	3
PH 460	Independent Study (or RL 460 Independent Study)	3
RL 315	Philosophy of Religion	3
RL 425	Contemporary Problems in Religion and Philosophy	3

A grade of "C" or above must be earned in every course that is counted as satisfying the requirements for either a major concentration or a minor in Philosophy and Religion.

Course Descriptions

Philosophy and Religion

PH 201. Introduction to Philosophy (3); F

A critical study of some basic philosophical issues and movements. (Not Recommended for first year students).

Prerequisite: Consent of instructor.

PH 313. Introduction to Ethics (3); S

Analysis of theories of moral rightness and good conduct and the application of these theories to contemporary problems. Prerequisite: None.

PH 460. Independent Study in Philosophy (3); F & S

Opportunity is given advanced students to pursue independent work in some specific areas of philosophical thought. Limited enrollment. Prerequisite: Consent of the instructor.

PH 427. Tutorial in Philosophy and Religion, (3); On Demand

Opportunity is given advanced students to engage in the in-depth study of concepts in some specific area of philosophy or religion. Limited enrollment. Prerequisite: Consent of instructor.

RL 315. Philosophy of Religion (3); F

Philosophical thinking about religious concepts and world views. Prerequisite: None.

RL 425. Contemporary Problems in Philosophy and Religion (3); S

Contemporary issues in religion and philosophy with emphasis on the study of liberation theologies, especially Black Theology and Feminist Theology. Prerequisite: None.

RL 460. Independent Study in Religion (3); F & S

Opportunity is given for advanced students to pursue independent work in some specific area of Philosophy or Religion. Limited enrollment. Prerequisite: Consent of the instructor.

Course Descriptions

History

HI 101. Origins of Civilization (3); F, S

The course examines the origins of human civilization in Africa, Asia, Europe and the Americas. General Education Requirement. Prerequisite: None.

HI 201. American History to 1865 (3); F

A historical survey of the United States from the period of discovery and colonization through independence to the Civil War. Prerequisite: None.

HI 202. American History since 1865 (3); S

A continuation of United States history from the period of Radical Reconstruction to the Cold War and its aftermath. Prerequisite: None.

HI 210. European History (3); On Demand

Analysis of the impact of industrialization, nationalism, revolutionary movements, and the world wars on European society during the 19th and 20th centuries. Prerequisite: None.

HI 220. Women in History (3); On Demand

A critical examination of the role and contribution of women in America from the colonial times to the present, with special emphasis on the family, sexuality, racism, and reform movements. Prerequisite: None.

HI 230. Historiography (4); On Demand

An introduction to the philosophy of history and the methods of historical research. Required of all history minors and prospective majors. Prerequisite: None.

HI 301. African American History (3); F, S

A study of key issues in the African American experience in the United States from the West African origins to the present. Prerequisites: HI 101 and 201 or 202.

HI 305. The Civil Rights Movement (3); On Demand

An in-depth study of the origins and development of the African - American struggle for civil rights in the United States. Prerequisite: HI 301.

HI 310. African History to 1800 (3); F

A survey of African history from prehistoric times to the advent of the Europeans in the 14th through the 18th century. Prerequisite: Junior standing.

HI 330. Latin American History (3); On Demand

A study of the society, culture, politics, and economy of Latin America during the 19th and 20th centuries. Prerequisite: Junior standing.

HI 400. Selected Topics in History (3); On Demand

An in-depth study of special issues and problems in history. Contemporary topical issues and issues of interest to students are selected for study.

HI 450. History of Journalism (3); On Demand

This course provides the opportunity to study the history of American journalism, including the people, events, and issues important to that topic. Prerequisite: Junior Standing.

Division of Social Sciences & Education

Choose two (2) courses

Business Course

GS/BA 440. International Business (3); F

A study of global business, its operating environment, and the interdependence of business.

Economics Course

GS/EC 350. International Economics (3); F, S

A study of international economic relationships in theory and practice.

Journalism & Media Studies Course

GS/JM 415. International Broadcast Programming (3); F

Theatre Courses

GS/PO 202. United States Government (3); F, S

A study of the principles, structures, and dynamics of the United States political system with an emphasis on the relationship between the system and the electorate, political parties, public opinion, formulation of domestic and foreign policy, and civil liberties.

GS/PO 301. Comparative Political Systems (3)

Systematic study and comparison of world political systems.

GS/PO 315. Government and Politics in Africa (3)

African political systems and cultures. Investigation of new paths to understanding the intricate political and economic processes.

GS/PO 320. Government and Politics in Asia (3)

Political and economic development in Asian countries with emphasis on Japan.

GS/PO 325. Government and Politics in Latin America (3)

Dynamics of political and economic development in Latin America with distinction among Mexico, Central America, and the Caribbean countries.

GS/PO 370. United States Foreign Policy (3)

Emphasis on cold war and post-cold war periods.

GS/PO 380. International Relations (3)

Analysis of world politics with emphasis on justice, war, and peace.

GS/PO 402. International Organization and Law (3)

Study of body of principles, customs, and rules, etc.

GS/PO 414. International Political Economy (3)

Major contending paradigms of international political economy.

GS/IA 200. Introduction to International Affairs (3)

Comparison of forms, organization, delivery, scope, and models of programming in the U.S. and in other countries.

Sociology Course

GS/SO 204. Social Programs (3); F, S

An examination of the social environments and social structures to understand the features of contemporary society and to understand the causes and consequences of social problems.

Africana Women's Studies

WS 100. Introduction to Women's Studies (3); F, S

Focuses on contemporary concerns and issues affecting women's lives in general, with particular attention paid to the concerns and lives of Africana women throughout the African Diaspora. The course takes an interdisciplinary approach to familiarizing students with the major theoretical and practical debates within women's studies scholarship, drawing primarily upon the humanities and social sciences. In addition, the course will present students with the opportunity to develop critical thinking skills around issues of race, gender, sexuality, class, and ethnicity. Students' investigations of Africana women's issues will proceed through reading the work of a diverse group of primarily, contemporary feminist writers, researchers, and activists, taken from the works of American and international feminist scholarship.

Course Descriptions

Biology Program

BI 100. Biological Science (3); F, S

An introductory study (for non-majors) of cell structure and function, reproduction, development, genetics, metabolism, evolution and ecology of living things. Prerequisites: Math, English, Reading 099.

BI 101. Principles of Biology (4); F, S

Principles of the molecular and cellular basis of life, cellular reproduction, morphology, physiology, development, patterns of inheritance, evolution, behavior, and ecological principles. Prerequisites: Math, English, and Reading 099.

BI 125. General Zoology (4); S

A survey of the animal kingdom with emphasis on the evolution, taxonomy, anatomy, and natural history of selected vertebrates and invertebrates. Prerequisite: BI 101.

BI 127. General Botany (4); F

A survey of the plant kingdom with emphasis on the structure, classification, phylogeny, physiology, reproduction, economic importance, and identification of plants. Prerequisite: BI 101.

BI 185. Human Biology (3); S

Human Biology introduces to the students the anatomy and physiology of the human body. All systems of the body will be discussed with regard to normal and abnormal functioning. The course will include a detailed examination of such issues as tobacco and drug use, genetics, aging, cancer, sexually transmitted diseases, etc. Students will gain an understanding of the role that humans play in the biosphere including how human activities threaten ecosystems, and ways to lessen our impact. Prerequisites: Bi 100 or BI 101

BI 203. Human Physiology (4); S

A study of functions of vertebrate organ systems with emphasis on homeostatic mechanisms. Special emphasis is placed on the circulatory, respiratory, digestive, excretory, reproductive, nervous, endocrine, and muscular systems. Prerequisites: BI 101, 125, and 127.

BI 204. Human Anatomy (4); F

A study of the structure and function of organs and organ systems of the human body with emphasis on skeletal, muscular, nervous, endocrine, circulatory, respiratory, digestive, reproductive, and excretory systems. Prerequisites: BI 101, 125, and 127.

BI 205. Histology & Biological Microtechniques (4); F

A study of the microscopic anatomy of mammalian cells, tissues, and organs, with emphasis on structure and functional relationships. Laboratory work includes microscopic study of various types of tissues and histological techniques useful in biological research. Prerequisites: BI 101, 125, and 127.

BI 316. Evolutionary Biology (3); F

A study of the history of evolutionary biology, the history of living organisms, and mechanisms of evolutionary change (including variation, mutation, natural

selections and adaptation, and molecular genetics), and human evolution. Prerequisites: BI 101, 125, and 127, MA 110 and 130.

BI 322. Comparative Anatomy of Vertebrates (4); S A study of major organ systems of the vertebrate body with emphasis on phylogenetic relationships and evolutionary changes. Laboratory work includes study of dog-fish shark, mud puppy, and cat. Prerequisites: BI 101, 125, and 127.

BI 321. Developmental Biology (3); S

This course is a study of the fundamental principles of developmental biology in animals and plants. These principles are illustrated through an overview of the early and late embryonic development of selected animals and plants. This course also includes a consideration of the influence of the environment on development and the role of development in evolution. The medical implications of developmental biology will be discussed and related to developmental disorders.

BI 326. Ecology (4); S

A study of the structure and function of ecosystems with reference to energy flow, nutrient cycling, population growth, and regulation. Prerequisites: BI 101, 125, and 127.

BI 328. Cell Biology (4); F

A study of the molecular basis of cell structure and function with emphasis on subcellular components, the organization of macromolecules into cellular organelles, membrane function, enzyme function, energetics, cellular metabolism, protein synthesis, cell division, cell motility, and regulatory mechanisms. The laboratory will include exercises on cell culture, cell fractionation, the use of spectrophotometry in the identification and characterization of cellular macromolecules, enzymes and enzyme kinetics, and western blotting to identify proteins. Prerequisites: BI 101, 125, 127 and CH 101-102. Recommended: CH 221.

BI 354. Plant Physiology (4); S

A course studying all aspects of plant functions with emphasis on growth, metabolism, and reproduction. Students will study current knowledge from refereed journals and will participate in laboratories designed to illustrate concepts discussed in class. Prerequisites: BI 101, 125, 127, 328.

BI 365. Methods and Materials in Teaching Secondary School Biology (3); F

A thorough study of the materials and methodology of teaching secondary school biology Attention to recent developments in the use of multimedia, instructional techniques, and materials for instruction given. Required: 30 hour Professional Practicum Experience. Prerequisite: Admission to the Teacher Education Program.

BI 405. Bioethics Colloquium (1); F, S

The Bioethics Colloquium focuses on ethical concerns in research, medicine, and the environment. The course may include discussion of abortion, euthanasia, use of animals in research, informed consent, confidentiality, bioengineering, stem cell research, pesticide use, disposal of nuclear or hazardous wastes, and many more timely topics. Prerequisites: BI 101, 125, and 127.

BI 423. Genetics (4); S

The chemical nature of genetic material, its transmission, mode of expression, and mechanism of gene action. Emphasis is placed on Mendelian inheritance, linkage, multiple alleles, molecular genetics, control of gene expression, gene mutation, population genetics, and genetic diseases. Prerequisites: BI 101, 125, and 127. Recommended: BI 328.

BI 424. Microbiology (4); S

A study of microorganisms with emphasis on classification, morphology, physiology, biochemical activity, microbial diseases, and immunity. Special emphasis is placed on microbial genetics, host defense mechanisms, the immune response, the microbiology of food and water, and microbial ecology. Prerequisites: BI 101, 125, 127 and CH 221.

BI 426. Immunology (3); F

A study of the immune system and of molecular, cellular, and genetic bases of immunity to infectious agents. Emphasis is placed on the immune response, humoral and cellular immunity, hypersensitivity, tumor immunology, transplantation, and immunodeficiencies. Prerequisites: BI 101, 125, and 127, 328, and CH 221.

BI 427H. Biotechnology (4); S

A laboratory-oriented course designed to integrate the principles and techniques of biotechnology. Topics covered include cell and tissue culture, isolation and purification of proteins, plasmid isolation, DNA restriction enzyme analysis, genetic engineering of microorganisms, monoclonal antibody technology, enzyme-linked immunoassay, gel electrophoresis, and blotting techniques. Prerequisites: BI 101, 125, 127 and CH 101-102.

BI 428. Molecular Biology (3); F or S

A study of molecular processes and genetic regulation in both prokaryotic and eukaryotic cells. Emphasis is placed on structure and function of proteins and nucleic acids, replication, transcription and translation of genetic material, regulatory mechanisms, gene expression, and genetic engineering. Prerequisites: BI 101, 125, 127, 328, and CH 221.

BI 431. Special Problems in Biology Research (1-3); F/S Laboratory investigation of special research problems in biology. Prerequisites: BI 101, 125, 127, MA 130, CH102 and junior or senior standing.

BI 432. Medical Terminology (3); S

A study of biomedical terms that describe the human body, its functions, its normal state, and its abnormal state. Emphasis is on improving communication skills of students majoring in the health sciences. Prerequisites: BI 100 or BI 101

BI 442. Senior Seminar (1); F/ S

A course consisting of an extensive literature search followed by a written report and formal oral presentations of current information on biological topics of interest. Students will gain experience in evaluating scientific literature and presenting scientific papers. Prerequisite: Senior Standing.

BI 459. Independent Study (3); F or S

Independent reading and research. Prerequisite: junior or senior standing.

Department Of Chemistry

Course Descriptions for the Department of Chemistry

SC 103. Physical Science (3); F, S

A semester course for non-science majors. The course deals with those concepts of physics, chemistry, astronomy, geology, and meteorology necessary to the basic understanding of today's world. Two hours of lecture and two hours of laboratory each week. Co-requisite: Math 99.

CH 100. Introduction to Chemistry (3); F, S

This course presents elementary principles of chemistry such as chemical quantities, matter and energy, measurements and calculations, and chemical reactions. The overall objective of the course is to prepare students who have not had any chemistry at the high school level for CH 101-102 College Chemistry and Qualitative Analysis. Three hours of lecture per week with no laboratory component. Some class lectures will have demonstrations in which Laboratory Experiments are used to illustrate principles of chemistry. Prerequisites: None.

CH 101-102. College Chemistry and Qualitative Analysis (8); Both, F,S

This course deals with the basic concepts of chemistry including atomic theory, properties of elements and molecules, solution equilibria, acid-base chemistry, thermodynamics, kinetics, and separation principles of analytical chemistry. Three hours of lecture and three hours of laboratory per week. Prerequisites: CH101, MA110 and one year of high school chemistry or the passing of a diagnostic examination in chemistry; CH102, CH101 and MA110.

CH 221-222. Organic Chemistry (8); CH221, F; CH222, S

A study of the properties, preparation, reactions and characterization of carbon compounds. Three hours of lecture and four hours of laboratory each week. Prerequisites: CH101-102 for CH221 and CH221 for CH222.

CH 223. Quantitative Analysis (4); F, S

A course in which the principles of chemical equilibrium are applied to the quantitative determination of the components of mixtures. Laboratory work includes volumetric analysis, gravimetric analysis, and an introduction to electrochemical methods. Samples analyzed may include environmental pollutants and food additives. Two hours of lecture-discussion and four hours of laboratory per week. Prerequisite: CH101-102.

CH 224. Chemical Instrumentation (4); F,S

A study of the application of modern electronic and optical instruments to qualitative and quantitative analysis. Emphasis is placed on chromatography, spectrophotometry, and electrochemistry. Two hours of lecture and four hours of laboratory per week. Prerequisites: CH222 and CH223, and PY222.

CH 326. Biochemistry (4); S

A study of the chemistry of carbohydrates, amino acids, proteins, enzymes, lipids, and nucleic acids, metabolic pathways generating and storing energy, and gene expression. Discussions of important areas of current biochemical research are incorporated into the course. Three hours of lecture and three hours of laboratory each week. Prerequisite: CH222.

CH 427. Chemistry Research (1-3); F,S

A research project that includes a search of the literature pertaining to a research problem and laboratory research. A major report about the research project is required which may include a poster and an oral presentation and a major written laboratory report that describes the work done by the student. The student arranges a research project with one of the faculty members of the Department of Chemistry. A total of 4 credit hours are required for chemistry majors. Prerequisite: Completion of the sophomore year of study.

CH 427H. Frontiers in Research in Biochemistry (3); F

This course presents topics concerning some of the latest achievements in important areas of biochemical research which have led to breakthroughs in the understanding of basic biochemical processes. Three hours of lecture per week. Prerequisites: CH 222.

CH 428H. Biochemical Research Techniques (3); F, S

This course provides training in the use of experimental techniques used in biochemical research, including protein and DNA electrophoresis and spectrophotometric enzyme assays. Two hours of lecture and four hours of laboratory each week. Prerequisites: CH221-222.

CH 433. Special Topics (3); F, S

A discussion course pertaining to current topics in chemistry. Topics may include the role of pesticides as environmental estrogens and the role of CFC's in the depletion of stratospheric ozone. Prerequisite: Consent of Instructor.

CH 442. Senior Seminar (1); S

Seniors majoring in chemistry will conduct a literature search on a current research topic in chemistry and present a seminar on it. Prerequisite: Senior Chemistry majors only.

CH 443-444. Physical Chemistry (8); CH443, F; CH444, S

The subjects covered in these courses are the fundamental laws governing matter in the gaseous, liquid, and solid state, the laws of thermodynamics and their applications to chemistry, an introduction to statistical thermodynamics, properties of solutions, phase equilibria, chemical kinetics, and an introduction to quantum mechanical principles. Three hours of lecture and four hours of laboratory each week. Prerequisites: CH223,

CH224, MA221, MA 222, MA223 and PY221-222.

CH 445. Inorganic Chemistry (4); S

This course deals with the study of metals; their behaviors and roles in the biological system, acid-base chemistry, chemical bonding, atomic and molecular theory, and an introduction to group theory. There are three hours of lecture and three hours of laboratory each week. Prerequisites: Chemistry 101, 102, 443, 444, Mathematics 222, 223, and Physics 221-222.

CH 446. Food Chemistry (4); S

This course applies modern objective instrumental tests and subjective taste testing evaluation to analyze chemical components of food involved in processes such as nutrient composition during ripening of fruits and vegetables, and texture degradation, post harvest losses of vitamins, minerals, pigments, and flavor compounds during food processing and storage. Consideration is given to functional properties and biochemical mechanisms of nutrients. Two hours of lecture and four hours of laboratory each week. Prerequisite: Chemistry 222 or consent of the instructor.

CH 460. Independent Study (3); F, S

The course provides an opportunity for students to perform an independent study project in chemistry following guidelines provided by Bennett College. Open to junior and senior students. Prerequisite: Consent of the Department of Chemistry.

. Courses Descriptions for Computer Science

CS 100. Computer Applications (3); F, S

This course is designed to provide a comprehensive knowledge of computer operating systems and applications. Extensive hands-on activities are used to equip students with the skills required to enhance productivity in both academic and industrial sectors. Learning activities and projects are focused on word processing, spreadsheet, database, desktop publishing, presentation graphics, the Internet and Web page design. Prerequisites: None.

CS 101. Introduction to Computer Science (3); F, S

Offers a broad overview of computer science designed to provide students with an appreciation for and an understanding of the many different aspects of computer science. Topics include an introduction to programming languages, algorithmic problem solving, networks, graphics, and an overview of the social context of computing. No background in computer science is assumed or expected. The course is intended for both students who expect to major or minor in computer science as well as for those not planning on taking additional course work. Prerequisites: Mathematical preparation sufficient to take MA 110.

CS 102. Discrete Structures (3); S

Introduces the foundations of discrete mathematics as they apply to computer science, focusing on providing a solid theoretical foundation for further work. Topics include functions, relations, sets, simple proof techniques, Boolean algebra, propositional logic, digital logic, elementary number theory, and the fundamentals of counting. Prerequisite: Mathematical preparation sufficient to take MA 130.

CS 202. Database Management (3); S

Provides the student with an in-depth experience using spreadsheet and database system development software to manage data. Prerequisite: None.

CS 205. Computer Programming 1 (3): F, S

Introduces the fundamental techniques of programming as a foundation for more advanced study of computer science. Considerable attention is devoted to developing effective software engineering practice, emphasizing such principles as design, decomposition, encapsulation, procedural abstraction, testing, and software reuse. Topics include standard programming constructs, problem-solving strategies, the concept of an algorithm, and fundamental data types. Prerequisites: CS101 and MA110 or consent of instructor.

CS 206. Computer Programming II (3); F, S

Builds on the foundation provided by CS205 to provide students with algorithm development and programming experience using more advanced features such as structured data types, pointers, abstract data type, and recursion. The course also emphasizes effective software engineering practices, including incremental development and systematic testing. Prerequisite: CS205

CS 301. Computer Organizations (3); F

Bridges the gap between computer programming and computer science. The course covers the organization of computer at assembly level. The course also introduces fundamentals of assembly language programming. Prerequisite: CS206.

CS 302. Computer Architecture (3); S

Introduces the concept of computers and information systems by presenting the process of computation as a hierarchy of virtual machines, beginning with the hardware and moving upward through various levels of increasingly sophisticated

software. This course outlines the facilities provided by each virtual machine, along with the mechanisms and software tools that lead to the realization of the hierarchy. Prerequisite: CS301.

CS 303. Data Structures (3); F

A study of data structures and algorithm analysis. Topics include implementation of abstract data type such as lists, stacks, and queues and trees; storage management, and searching and sorting techniques, and measuring complexities of programs in terms of time and space. Prerequisites: CS 206, MA201.

CS 304. Org. of Programming Languages (3); S

An introduction to the structure of programming languages. Formal specification of syntax and semantics; structure of algorithms, list processing, string manipulation, data description, and simulation languages; basic data types, and program structure. Prerequisites: CS 301. Co-requisite: CS 302. Offered in alternate years.

CS 305. Computer Systems (3); S

A course to extend the understanding of the internal behavior of computers. It includes an overview of computer operating systems, structures, machine language, preservation of data, symbolic coding and assembly language, systems, and utility programming. Prerequisite: CS 301, Co-requisite: CS 302.

CS 324. Research Techniques with Computers (3); S

A presentation of the concepts of descriptive and inferential statistics with utilization of the computer in the analysis of data. Prerequisite: MA 222 and a programming language. Offered in alternate years.

CS 405. Theory of Computability (3); S

A course covering mathematical definitions of programming systems, Turing machines, Markov algorithms, theorems on equivalence of programming systems, unsolvability results, Godel's incompleteness theorem, and the size and complexity measures in programming systems. Prerequisite: CS 303. Offered in alternate years.

CS 430. Special Topics in Computer Science (1-3); F, S

An investigation of special topics in computer science. Prerequisite: consent of instructor.

CS 440. Numerical Computer Methods (3); S

An introduction to numerical methods including these topics: floating point computation, systems of linear equations, approximation of functions and integral, the single nonlinear equation, and the numerical solution of ordinary differential equations. Prerequisite: MA 222 and CS 205. Offered in alternate years.

CS 442. Computer Science Seminar (3); S

A capstone course integrating the knowledge and abilities gained through the other computer related and general education courses in the curriculum within a comprehensive system development project, a case study, and/or other research projects. The student must be a senior majoring in computer science.

CS 460. Independent Study in Computer Science (3); F, S

This course involves studying advanced computer science topics under the guidance of a faculty member and writing a paper. It is open to students who have demonstrated a high-degree of academic ability and self-motivation for independent reading and research. Prerequisites: Consent of the instructor.

Course Descriptions for Mathematics

MA 99. Basic Mathematics (3); F, S

A course designed to raise the level of competency and performance in mathematics necessary for success in the regular freshman mathematics program. Topics covered are basic mathematical operations, elementary algebra, elementary analytic geometry, and measurement. This course provides instruction and practice in basic mathematics in preparation for Mathematics 110. Admission to the course is made on the basis of placement score, SAT or ACT scores, and high school background. Mathematics 99 does not fulfill the college mathematics requirement.

MA 110. College Algebra (3); F, S

A course covering real numbers; inequalities; absolute value; functional notation; linear functions; quadratic functions; polynomial functions; rational functions; and radical functions. Pre-requisites: A satisfactory score on placement examination and SAT or ACT score, or satisfactory completion of MA 99.

MA 120. Finite Mathematics (3); F, S

A course covering linear equations, matrices, linear programming, sets, probability, and statistics. Prerequisites: Completion of MA 110 or satisfactory score on placement examination and SAT or ACT.

MA 130. Pre-calculus (3); F, S

Exponential and logarithmic functions, composition of functions, and inverse functions, trigonometric functions, trigonometric identities, the trigonometric form of complex numbers, DeMoivre's theorem, and polar coordinates are covered. Pre-requisites: Completion of MA 110 or satisfactory score on the placement examination and SAT or ACT.

MA 201. Discrete Structures (3); S

A course designed primarily for computer science students. Topics include production to matrix theory, combinatorics, probability, game theory, Boolean Algebra, and graph theory/networks. (Same as Computer Science 102) Prerequisite: consent of the instructor.

MA 221. Calculus I (4); F, S

A presentation of the concepts and applications of analytical geometry and differential and integral calculus, including polynomials and trigonometric functions, limits, derivatives, and an introduction to the definite integral. Prerequisites: MA 130 or the consent of the instructor, based on high-school background and satisfactory performance on the SAT, ACT, or placement examinations.

MA 222. Calculus II (4); F, S

A presentation of the concepts and applications of differential and integral calculus, including applications of integration, differentiation and integration of the transcendental functions, integration techniques, indeterminate forms, and plane curves. Prerequisite: MA 221.

MA 223. Calculus III (4); F

A presentation of the concepts and applications of infinite series and multivariate calculus, including vectors, functions of several variables, partial derivatives, multiple integral, and vector calculus. Prerequisite: MA 222.

MA 300. Problem-solving (1); F, S

A course designed to help students with problem-solving in mathematics courses and other analytical courses and to provide preparation to take the Mathematics Competency test, and a variety of standardized tests involving quantitative thinking.

MA 307. Mathematics for Elementary Teachers (2); F

A course providing analysis of elementary mathematics from both the physical and theoretical viewpoints, with emphasis given to the relationship of mathematical concepts to learning, including concrete models, experimentation, and exploration. Prerequisite: MA 120 or 130.

MA 324. Probability and Statistics (3); F, S

A presentation of the mathematical theory of probability and the concepts and methods of descriptive and inferential statistics, with the utilization of the computer in the analysis of data. Prerequisite: MA 222. Offered alternate years.

MA 330. Linear Algebra (3); F

A study of systems of linear equations, vector spaces, linear transformations and their representation by matrices and the algebra of polynomials over a field. Prerequisite: MA 221 or consent of instructor.

MA 331. Modern Geometry (3); F

A study of Euclidean and non-Euclidean geometries Prerequisite: Mathematics 221 or consent of instructor. Offered in alternate years.

MA 332. Differential Equations (3); S

A study of methods of solution and application of ordinary differential equations. Prerequisite: MA 222. Offered in alternate years.

MA 333. Abstract Algebra (3); S

A study of the basic concepts of abstract algebra, including set theory, groups, rings, integral domains, and fields. Prerequisite: MA 221 or consent of instructor. Offered in alternate years.

MA 335. Real Analysis (3); F

A course covering the calculus of functions of a single real variable, with a unified treatment of the theory of convergence as applied to sequences, functions, infinite series, and integrals. Prerequisite: MA 223.

MA 363. Materials and Methods in Teaching Middle Grades Mathematics (3); F, S

A thorough study of the materials and methodology of middle grades mathematics, including presentation of special materials for exceptional learners. Prerequisites: Admission to Teacher Education Program. Practicum required: 30 hours.

MA 364. Materials and Methods in Teaching Sec. School Math (3); F

A thorough study of the materials and methodology of secondary mathematics, including presentation of special materials for the exceptional learner. Prerequisite: Prerequisites: Admission to Teacher Education Program. Practicum required: 30 hours.

MA 430. Special Topics in Mathematics (3); S.

A course covering advanced topics in mathematics, including applied mathematics, complex analysis or applied statistics. Prerequisites: MA 223 or consent of instructor.

MA 440. Numerical Analysis (3); S

A course involving numerical solutions of polynomials, approximations of functions, systems of linear equations, quadrature, and numerical solutions of ordinary differential equations, together with error analysis of computations of the computer. Prerequisite: CS 201 and MA 222 or equivalent.

MA 442. Senior Seminar (3); S

A seminar that provides enrichment in various mathematical areas and serves as an introduction to research. The student must be a senior, majoring in mathematics

MA 460. Independent Study in Mathematics (3); F,S

This course involves studying advanced mathematical topics under the guidance of a faculty member and writing a paper. It is open to students who have demonstrated a high-degree of academic ability and self-motivation for independent reading and research. Prerequisites: MA 333 and MA 335 or consent of the instructor.

Course Descriptions for Physics

PY 201 AND 202. Physics for the Biological Sciences (4); F, S

A two semester sequence for the biological sciences and any student wishing a general education in physics. The course includes a laboratory and covers mechanics, caloric and kinetic theory, electromagnetism, wave dynamics, and introductory nuclear physics. Prerequisites: MA 110 or an introductory college algebra course for PY 201 and MA 120 or MA 130 or an intermediate college algebra course for PY 202.

PY 221 AND 222. Calculus-based Physics (4); F, S

A two semester sequence for students in physics that utilizes calculus in the mathematical presentation. The first semester will present mechanics including fluids and heat, while the second semester will emphasize electro- magnetism including currents and light. A laboratory is included in each semester. Prerequisites: MA 221 for PY 221 and MA 222 for PY 222.

Course Descriptions for Psychology

PS 100. Psychological Science (3); F, S, as needed This course is designed for students not majoring or minoring in psychology. The course will provide an overview of the core concepts in the discipline of psychology. Topics covered are the search for direction, improving academic performance, roots of happiness, the potential effects of stress, coping, self-regulation, self-presentation, friendship and love, marriage and intimate relationships, gender and behavior, careers and work, and development and expression of sexuality. Prerequisite(s): None.

PS 101. General Psychology: (3); F, S

A survey of the areas of study within psychology, with an emphasis on the scientific method, empirical studies and differing perspectives within the field. Among the topics covered are psychological pioneers, learning, memory, perception, consciousness, development, social psychology, abnormal behavior, and therapy. Prerequisite(s): none.

PS 254. Statistics for Psychology with Laboratory (3); F Introduction to basic statistical procedures and their application to psychology research questions. Specific topics include descriptive statistics, including frequency distributions, measures of central tendency and variability, and correlational measures. Additional topics include an introduction to probability theory and statistical inferences, including sampling theory and hypothesis testing. An additional emphasis is placed on nonparametric and parametric tests of statistical hypotheses and the use of computers in the analysis of data. Prerequisite(s): PS 101 and Math 120 or above.

PS 274. Research Methods with Laboratory (3); S

This course covers various techniques for applying the scientific method to behavioral research. Students will learn about observational, correlational, and experimental research designs, ethical issues in research, and the interpretation of psychological data. The function of these designs will be demonstrated in the laboratory while investigating relevant psychological phenomena. Appropriate

statistical techniques will be used to analyze the data from these labs. Several research papers and a research proposal following the American Psychological Association model are required. Some data collection occurs outside of class and/or during a separate two-hour lab period each week. Prerequisite(s): PS 101 and PS 254.

PS 300. Orientation to Psychology (1); F,S

All psychology students are required to enroll in this initial course. The course will focus on career options for psychology majors and minors; finding information for topics that relate to psychology; communication skills for psychology; behavioral traits of successful students; and students will be mentored by upper-level students.

PS 301. Developmental Psychology I (Child Development) (3); F

An overview of the orderly changes in behavior that occur with the passage of time from conception until adolescence, with an emphasis on child development (ages 0-12) from the physical, cognitive, and psychosocial perspectives. Prenatal development and parenting issues are covered as part of this overview. Prerequisite(s): PS 101 or permission of the instructor.

PS 302. Developmental Psychology II (Adolescence and Aging) (3); S

An examination of the physical, psychological, cognitive, and socio-emotional development from adolescence through old age and issues of dying and bereavement. Topics addressed will include: puberty, identity development, body-image, career theories, personality development, etc. Prerequisite(s): PS 101 or permission of the instructor.

PS 313. Physiological Psychology with Laboratory (4); F A study of the physiological systems, anatomical substrates, and biochemical processes that intervene between the arrival of information to sensory receptors and the subsequent elaboration of responses to them. Major areas covered include the structure and function of neurons and the nervous system, brain-behavior relationships, sensory processes, brain damage and recovery, and the biological bases for emotion, sexuality, learning and memory, and behavior disorders. The separate 2-hour lab component involves computerized and/or hands-on exercises that illustrate principles taught in the course. Prerequisite(s): PS 300, PS 101, PS 254, PS 274 or permission of the instructor.

PS 315. Fundamentals of Learning with Laboratory (4); F, AS NEEDED

A course dealing with the concepts involved in learning as derived from experimentation with both nonhuman and human subjects. Topics covered include habituation and sensitization, the laws of classical and operant conditioning and relevant phenomena, observational learning, learned helplessness, biological constraints on learning, and forgetting. The separate 2-hour laboratory component involves demonstration of basic principles and phenomena using experiments and computer simulations. Prerequisite(s): PS 101 and PS 274 or permission of the instructor.

PS 320. Memory & Cognition with Laboratory (3); S A lecture-laboratory course which provides a comprehensive study of human cognition. Besides an extensive coverage of memory, the course includes an analysis of major areas such as pattern perception, attention, concept formation, semantic organization, problem solving, expertise and creativity, and decision making. The major cognitive theories are discussed, and empirical studies are emphasized in each area. Major principles and phenomena are demonstrated in a separate, 2-hour laboratory component each week. Prerequisite(s): PS 101 and PS 274.

PS 323. Social Psychology (3); F

Study of how the thoughts, feelings, and behavior of individuals are influenced by the actual, imagined, or implied presence of others. Topics covered include gender, social aggression, prejudice, and discrimination, attitudes, persuasion, attraction, and group dynamics. Prerequisite(s): PS 101 or permission of the instructor.

PS 326. Abnormal Psychology (3); F

Historical review of the development of the diagnosis and treatment of mental disorders as well as an examination of the various theoretical perspectives, including psycho-dynamic, biological, behavioral, cognitive, and humanistic approaches. Special emphasis is placed on the purported causes and patterns of maladaptive behaviors and current methods of assessment, treatment, and prevention. Prerequisite(s): PS 101.

PS 329. Theories of Personality (3); F

Study of the prominent theories of personality of our time used to explain human personality development and the biological and social factors upon which these theories are based. Relevant clinical and experimental data will be considered. Prerequisite(s): PS 101.

PS 330. Introduction to Guidance and Counseling (3); S An interactive experience that provides students with basic skills and an intellectual foundation to work in the discipline of counseling. Students are invited to examine and expand their current preparation for functioning as a counselor. Topics include: multi-cultural counseling, listening skills, nonverbal communication, mental states, clinical interview techniques, ethics and supportive interventions according to the various clinical perspectives (psychodynamic, humanistic, etc.). Prerequisite(s): PS 101.

PS 345. Psychology of Women (3); S

Analysis of the differences in personality qualities and skills between the sexes from a bio-cultural perspective. Emphasis is placed upon comparing/contrasting the traditional and feminist views of behavior and socio-cultural perspectives of women. Prerequisite(s): None.

PS 360. Special Topics in Psychology (3); F OR S, AS NEEDED

Covers topics that fall outside the scope of other psychology courses, but that are of timely interest to psychology students and faculty. Each semester the

course will focus on a different topic. Topics covered include, but are not limited to: Black Psychology, and GRE preparation. This course does not meet specific requirements for the major or minor in psychology; however, it does count toward free elective requirements for graduation. Prerequisite(s): None.

PS 370. Special Topics in Clinical/Applied Psychology (3); F OR S, as needed

Covers topics that fall within the scope of the clinical/applied specialty area in psychology but to a greater degree than covered in the courses presently offered, and/or that are temporally relevant to psychology students and faculty. Each semester the course may focus on a different topic. Topics covered include, but are not limited to: the psychology of deviant behavior, forensic psychology, and industrial/organizational psychology. This course counts toward the psychology elective requirements for graduation. Prerequisite(s): permission of the instructor.

PS 380. Special Topics in Social/Developmental Psychology (3); F OR S, as needed

Covers topics that fall within the scope of the social/developmental specialty area in psychology but to a greater degree than covered in the courses presently offered, and/or that are temporally relevant to psychology students and faculty. Each semester the course may focus on a different topic. Topics covered include, but are not limited to: the psychology of aging, and psychology of religion. This course counts toward the psychology elective requirements for graduation. Prerequisite(s): permission of the instructor.

PS 390. Special Topics in Physiological/Cognitive Psychology (3); F OR S, as needed

Covers topics that fall within the scope of the physiological/cognitive specialty area in psychology but to a greater degree than covered in the courses presently offered, and/or that are temporally relevant to psychology students and faculty. Each semester the course may focus on a different topic. Topics covered include, but are not limited to: drugs and behavior, cognitive neuroscience, neurobiology of learning/memory, plasticity of behavior, and technology and learning. This course counts toward the psychology elective requirements for graduation. Prerequisite(s): permission of the instructor.

PS 415. Health Psychology (3); F

This course presents the history and focus of health psychology and psychoneuroimmunology and describes the major concepts and research used. Major topics covered include stress, its relation to illness, and ways to cope with it; the relationship between lifestyles and health; substance abuse; nutrition; pain mechanisms and management; and terminal health problems. Prerequisite: PS 101.

PS 424. Sensory Processes with Laboratory (3); F, AS NEEDED

A lecture/laboratory course which examines basic mechanisms of sensation and the resultant perceptions associated with them, primarily from a

biological/cognitive perspective. Emphasis is placed on visual, auditory, and somatosensory mechanisms, although some time is devoted to the chemical senses as well. This course has many “hands on” demonstrations and laboratory exercises to facilitate understanding of the concepts of this course. Prerequisite(s): PS 101, 274, and 313.

PS 430. Animal Behavior with Laboratory (3); S

A lecture and laboratory study of animal behavior from the perspectives of comparative psychology, ethology, sociobiology, evolutionary biology, and behavioral ecology. The course explores the ethics of animal research, and provides students with instruction on observational and experimental methodology for use with animals. Additional topics covered are the biological determinants of behavior; courtship, mating, reproduction, and parental behavior among animals; animal communication; aggression and appeasement displays; social organization in animal groups; and animal cognition. The lab component involves application of principles from the course in field and/or laboratory settings. Prerequisite(s): PS 101, PS 274, and PS 313 or permission of the instructor.

PS 436. Psychological Tests and Measurements (3); S, AS NEEDED

Study of the construction, administration, and interpretation of psychological tests in areas of achievement, personality, intelligence, attitudes, and psychological disorders. Projective techniques and other testing methods are covered. Prerequisite(s): PS 101 and PS 254 or permission of the instructor.

PS 438. Behavior Modification (3); S, AS NEEDED Detailed examination of behavioral modification techniques and behavioral principles and their application in educational and human service settings. Prerequisite(s): PS 101 and PS 274 or permission of the instructor.

PS 440. History & Systems of Psychology (3); F Discussion of the development of psychology as a formal discipline and the changes that have occurred since its founding. Topics include pre-scientific thinking about psychological issues; philosophies that influenced psychology; the origin of the early systems of psychology and their maturation and legacy; contemporary psychology; and the role of women and African-Americans in the history of psychology. Prerequisite(s): PS 101 and Senior status.

PS 445. Advanced Statistics (3); S, AS NEEDED

An advanced statistics course specifically focused on psychological research. The course will concentrate on concepts necessary for individuals pursuing graduate training in psychology or related disciplines. The students will learn about t-tests, analysis of variance models, analysis of covariance, correlation, multiple regression, factor analysis, and residual analysis, and non-parametric statistics. Prerequisites: PS 101, PS 254.

PS 449-450. Psychology Internship I and II (3 each); S, F Practical application of classroom education and skills in a related field placement or research laboratory. All students must attend a three-hour seminar each week and either

complete an average of six hours of field work or research training per week or have completed an approved summer internship. Seminar topics include ethics, professional issues, preparation for the GRE, careers in psychology, presentation of research, and applying to graduate programs in psychology. Prerequisites: PS 101, PS 254, PS 274, and second semester Junior (PS 449) or first semester Senior (PS 450) status. Core course for all psychology majors. Required of all Senior Psychology majors. Spring and Fall. (3 per semester)

PS 459-460. Independent Study in Psychology (variable); F, S

Open to students who have demonstrated a high degree of academic ability and self-motivation for independent reading and scholarship. Usually involves conducting an independent research project under the guidance of a faculty member and writing the results of the experiment up in an APA-style research paper. Many students present their research at professional conferences. Prerequisite(s): Minimum GPA of 2.8 and successful completion of PS 101, PS 254, PS 274, permission of the instructor and approval by the Vice-President for Academic Affairs.