

Course Descriptions

COLLEGE-WIDE COURSE DESIGNATION ABBREVIATIONS

ABAC	Orientation/Study Skills	HNRS	Honors
ACCT	Accounting	HORT	Horticulture
AECO	Agricultural Economics	HUMN	Humanities
AENG	Agricultural Engineering	ISCI	Instructional Science
AENT	Agricultural Technology	ITEC	Information Technology
AGRI	Agriculture	JRNL	Journalism
AGRP	Agricultural Pest Mgmt.	MATH	Mathematics
AGRY	Agronomy	MGMT	Management
ARTS	Art	MKTG	Marketing
ASLH	Animal Husbandry	MUSC	Music
BIOL	Biology	NURS	Nursing
BUSA	Business Administration	PHED	Physical Education
CHEM	Chemistry	PHSC	Physical Science
CISM	Computer Information System	PHYS	Physics
COMM	Communications	PNUR	Pre-Nursing
CRJU	Criminal Justice	POLS	Political Science
CRSS	Plant Science	PSYC	Psychology
CSCI	Computer Science	READ	Reading
ECON	Economics	RELG	Religion
EDUC	Education	RGTE	Regents' Essay Remediation
ENGL	English	RGTR	Regents' Reading Remediation
FACS	Family and Consumer Sciences	RLST	Rural Studies
FRSC	Forestry and Wildlife	SCIE	Science
GEOG	Geography	SOCI	Sociology
GNDR	Gender Studies	SOSC	Social Science
HIST	History	SPAN	Spanish
HMSR	Human Services	THEA	Drama

COLLEGE-WIDE COURSE NUMBERING

Courses numbered 1000-2999 are lower level semester courses, 3000-4999 are upper level semester courses. Courses numbered less than 1000 are institutional, developmental courses.

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ABAC 1000 FRESHMAN SEMINAR. 1 hour. Two hours of lecture each week for the first half of the semester. This course is designed to provide orientation to the institution and to college living that will aid the student in transition to the college environment. Fall, Spring, Summer.

ACCT 2101 PRINCIPLES OF ACCOUNTING I. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. A study of the underlying theory and application of financial accounting concepts. Fall, Spring, Summer.

ACCT 2102 PRINCIPLES OF ACCOUNTING II. 3 hours. Prerequisite: ACCT 2101 with a "C" or better. A study of the underlying theory and application of managerial accounting concepts. Fall, Spring, Summer.

AECO 1150 FARM ORGANIZATION AND MANAGEMENT. 3 hours. A study of farm management with major emphasis upon decision-making and efficient use of farm resources. Fall.

AECO 2200 AGRICULTURAL RECORDS. 3 hours. A study of the accounting and financial data in agriculture and how it may be used to manage various agricultural organizations through the preparation and analysis of financial statements. Fall.

AECO 2258 APPLIED ECONOMICS. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. A study of the economic principles of Agricultural Economics and the application of these principles to the solution of agricultural and farm business problems. Not open to students with credit for ECON 2106. Fall, Spring.

AECO 2260 AGRICULTURAL MARKETING. 3 hours. A technical course of marketing methods, practices and policies in agriculture. The course emphasizes the management applications of marketing techniques in an agricultural environment. Spring.

AECO 3430 AGRICULTURAL FINANCIAL MANAGEMENT. 3 hours. Prerequisite: ACCT 2101 or AECO 2200. Introductory course in finance as used in agribusiness, farming, financial institutions, and more broadly in the financial services industry. Emphasis will be placed on reading and interpreting financial statements, analyzing investment opportunities, and understanding financial issues. Fall.

AECO 3800 FOOD AND AGRICULTURE MARKETING. 3 hours. Prerequisite: AECO 2258 or ECON 2106, and AECO 2260. An introductory course to the marketing functions and agencies involved in moving farm products to consumers. Course will examine application of marketing and economic principles to decision making in agribusiness firms. Spring.

AECO 4100 AGRIBUSINESS MANAGEMENT. 3 hours. Prerequisite: ACCT 2101 or AECO 2200, AECO 1150, and AECO 2258 or ECON 2106. Basic economic and managerial concepts, procedures, and techniques in agribusiness management. Emphasis will be placed on the techniques of planning, organization, directing, controlling, and staffing functions of management. Spring.

AENG 1109 ENGINEERING GRAPHICS. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099; MATH 1101 or MATH 1111. A course designed to teach the use of computer aided drafting for lettering, detailing, orthographic and pictorial methods of presentations; and the representation of geometrical magnitudes by means of points, lines, planes and solids and their application in the solution of problems is also covered. Fall.

AENG 2207 INTRODUCTORY METAL TECHNOLOGY. 3 hours. A course designed to develop the basic understanding and skills in metal work; selection, care and use of materials, hand tools, and power equipment. Emphasis will be made in cold and hot metal work, gas and arc welding, plumbing, soldering, and surface finishing. Fall, Spring.

AENG 3101 METAL FABRICATION. 3 hours. Prerequisite: AENG 2207 and AENT 1113. Class designed to provide students with skills needed in agricultural equipment maintenance, repair, and fabrication. Students will experience design of metal characteristics needed in metal usages in fabrication, maintenance, and repair. Spring.

AENG 3201 BIOFUELS TECHNOLOGY. 3 hours. Prerequisite: AGRI 3200 with a grade of "C" or better. This course is designed to further develop the principles learned in the introductory course and apply these principles in a lab setting. The course will cover the mechanics of bio-fuel production equipment and the procedures to properly operate the equipment. The student will be actively involved in the production of a small quantity of biodiesel. Quality assurance and testing of the final product will be discussed. Spring.

AENT 1110 FARM MACHINERY AND EQUIPMENT. 3 hours. The study of basic farm machinery including the assembly, operation, repair and care of machinery used on the farm. Fall.

AENT 1113 POWER EQUIPMENT. 3 hours. A course designed to teach the operation and maintenance of various equipment used in agricultural and forest production. Fall, Spring, Summer.

AENT 1114 TURFGRASS EQUIPMENT. 3 hours. A study of the operation and maintenance of power equipment used in golf course and recreational park construction and maintenance. Topics include assembling, operating, servicing, welding, hydraulics, lapping and grinding, and small engine

management. Fall.

AENT 1120 PRINCIPLES OF ENGINES. 3 hours. A course designed to teach the theory of engines along with practical application of power units and the associated components. Fall.

AENT 2200 AGRICULTURAL EQUIPMENT PROJECTS. 3 hours. A conference and practical experience course directed toward the Agricultural Equipment Technology student. A project selected by the student and his advisor will form the basis for the course. Fall, Spring, Summer.

AENT 2213 PRINCIPLES OF HYDRAULICS. 3 hours. A course designed to teach the hydraulic theory of transmission of power: Analysis of hydraulic systems by mathematical means and testing are covered. Spring.

AENT 2220 DRAINAGE, IRRIGATION AND EROSION CONTROL. 3 hours. This course includes many of the practical aspects and field techniques of soil and water conservation with emphasis in those aspects important to the Southeast. A study is made of the nature of the erosion processes and the need for conservation practices. The design and construction of terraces, waterways, drainage systems, irrigating systems and farm ponds are covered. Spring, Summer.

AENT 2269 INTERNSHIP. 12 hours. An internship for students in Agricultural Equipment Technology should have completed 27 semester hours prior to enrolling. Fall, Spring, Summer.

AENT 2280 FARM ELECTRIFICATION. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. A basic course in electrification designed to cover AC and DC electrical principles. Electrical wiring, load capacity, and current carrying capability will be stressed. Spring.

AGRI 2200 AGRICULTURAL PROJECTS. 3 hours. A conference and practical-experience course directed to the technology student. A project selected by the student and advisor will form the basis of this course. Individual and group problems related to projects will be discussed. Fall, Spring, Summer.

AGRI 2201 SPECIAL PROBLEMS IN AGRICULTURE. 3 hours. The course will be conducted in an informal manner with no regularly scheduled classes. Assignments and work will depend upon project and staff member involved. A written report will be required. Objectives are to provide the student an opportunity to become acquainted with research and problem solving in all areas of agriculture. Fall, Spring, Summer.

AGRI 2202, 2203, 2204 INTERNSHIP. 3 hours each. An internship for students in Agriculture and Horticulture Technology desiring to enroll in multiple non-full time internship experiences. Fall, Spring, Summer.

AGRI 2205 INTERNSHIP. 6 hours. An internship for students in Agriculture and Horticulture Technology desiring to enroll for 6 credit hours in one semester. Fall, Spring.

AGRI 2206 INTERNSHIP. 12 hours. An internship for students in the Agricultural Business Technology program. Fall, Spring, Summer.

AGRI 2207 INTERNSHIP. 12 hours. An internship for students in the Agriculture Production Technology program. Fall, Spring, Summer.

AGRI 2208 INTERNSHIP. 12 hours. An internship for students in the Livestock Production Technology program. Fall, Spring, Summer.

AGRI 2209 AGRICULTURAL SEMINAR. 1 hour. Prerequisite: Exemption from or successful completion of READ 0099. An industry-awareness and exploration course consisting of various topics associated with the agricultural industry. Fall, Spring.

AGRI 3200 INTRODUCTION TO BIOFUELS. 3 hours. This course introduces students to Biofuels. Students will gain basic knowledge of their importance, uses, sources, production, economics and environmental impacts. Fall.

AGRI 4200 BIOFUELS PRODUCTION AND ECONOMICS. 3 hours. Prerequisite: AENG 3201 and AGRI 3200 with a grade of "C" or better. This course is designed for students with an in-depth look at bio-fuels production and effectiveness. Students will gain an understanding of the economic impacts of the bio-fuel industry while learning about the current and proposed industry composition. Spring.

AGRI 4500 FARM OPERATIONS. 3 hours. Prerequisite: Senior standing, and the following courses: AECO 4100, AGRY 3510, and ASLH 2010. This is a capstone course in which students will be involved in all aspects of a diversified farm operation. This includes crop production, animal management, equipment use and business management. Spring, Summer.

AGRI 4700 INTERNATIONAL EXPERIENTIAL LEARNING. 3 hours. Prerequisite: Approval by Selection Committee. This course is designed to allow students in the Diversified Agriculture program the opportunity to study, experience and learn in an organized and structured international environment. Critical and rational thinking skills and problem-solving opportunities will be exercised. Students will be accompanied by a college faculty member throughout the tenure of the study which will include both classroom presentations and site observations in agriculture in this foreign setting. As needed.

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AGRP 1125 FUNDAMENTALS OF PLANT PROTECTION. 3 hours. A combined lecture and laboratory course embracing the basic principles of insects, disease and weed control in field crops and turfgrass. Emphasis is given to widely applicable control principles and the practical application of control methods. Fall, Spring.

AGRP 1126 PESTICIDE APPLICATION. 1 hour. Discussions and practicums offered over an 8-week session. Focus will include interpreting pesticide labels, pesticide selection and calibrations, safe mixing practices and equipment calibrations. A basic understanding of mathematics will be needed to successfully complete mathematical problems associated with calibrations. Fall and Spring.

AGRP 3240 WEED MANAGEMENT. 3 hours. Prerequisite: AGRP 1125 or HORT 2232. Managing turfgrass weeds, weed life cycles and identification, safeguarding the environment, weed specificity, grass and grass-like plants, broadleaf plants, herbicide selectivity and specificity, cultural and biological management, plant growth regulators, and integrated weed management programs will be discussed. Spring.

AGRP 3319 AGRICULTURAL CHEMICAL APPLICATION TECHNIQUES. 3 hours. Prerequisite: AGRP 1125. Equipment and procedures used for applying agricultural chemicals. Calibration, safety, and EPA regulations will be emphasized. Fall.

AGRP 3320 PLANT DISEASE MANAGEMENT. 3 hours. Prerequisite: AGRP 1125 with a grade of "C" or better. This course is designed to familiarize students with the basic concepts of plant pathology and the management techniques used to reduce damage caused by plant diseases to an acceptable level. Each of the major groups of plant pathogenic organisms will be discussed, with an emphasis on biology of the pathogens, disease diagnosis and sound disease management practices. Plant disease management using ecologically sound, integrated techniques will be discussed. Fall.

AGRP 4422 INSECT PEST MANAGEMENT. 3 hours. Prerequisite: AGRP 1125. Management and identification of insect pests in row crops and animal agriculture in the south. Emphasis will be made on integrated insect pest management utilizing techniques that are environmentally sound, including biological, cultural, and chemical methods. Spring.

AGRY 1110 FORAGE CROPS AND PASTURES. 3 hours. A combined lecture and laboratory course designed to study in greater detail the crops pertaining to livestock farming. Emphasis is placed on the grasses, legumes and grain crops produced in the area. Topics include assessment, crop production, grazing schedules, pasture renovation and basic plant biology. Fall.

AGRY 2020 SOILS AND FERTILIZERS. 4 hours. Prerequisite: Exemption from or successful completion of MATH 0099. A lecture course with a laboratory component designed to complement and support course work in the division's various agricultural programs. Emphasis is placed on the more important soil properties, the nutrient requirements of plants, and fertilizers. Fall, Spring.

AGRY 2030 FIELD CROP PRODUCTION. 3 hours. Prerequisite: Exemption from or successful completion of MATH 0099. A lecture course with a laboratory component designed to familiarize students with the basic principles and theories for modern field crop production. Emphasis is placed on the major field crops of Georgia and the Southeast. All aspects of production are covered from initial planning to market. Spring.

AGRY 3510 SOIL MANAGEMENT. 3 hours. Prerequisite: AGRY 2020. Management of soils used in turfgrass, vegetable and crop production. Topics include Soil Use, Alkaline/Acid Soils, Salt-affected Soils, Soil Conservation, Problem Soils, Fertilizers, and Fertility Programs. Fall.

ARTS 1010 DRAWING. 3 hours. 6 hours lab per week. An introduction to the techniques, principles and materials of drawing. A foundation course in which concepts of composition, figure/ground, line, and value plus the techniques of contour and gesture drawing and the conventions of linear and aerial perspective are studied using a variety of traditional and non-traditional drawing techniques. Fall.

ARTS 1020 TWO DIMENSIONAL DESIGN. 3 hours. 6 hours lab per week. An elementary course in formal elements of art and principles of two-dimensional design and an introduction to color theory. Fall.

ARTS 1030 THREE DIMENSIONAL DESIGN. 3 hours. 6 hours lab per week. A course in principles of three-dimensional design. An introduction to the methods, materials, tools and safety-procedures of sculpture. Spring.

ARTS 1040 INTRODUCTION TO CAREERS IN VISUAL ART. 1 hour. Exemption from or successful completion of READ 0099, ENGL 0099 and MATH 0099. An introduction to the options for professional training and careers in the visual arts. Fall.

ARTS 2030 COMPUTER ARTS. 3 hours. 6 hours lab per week. An introductory course to develop basic skills in computer applications used in the visual arts. Students explore the computer and digital technologies as tools to produce digital images for commercial and fine art. Spring.

ARTS 2211 ART HISTORY I. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. A survey of Western art from prehistoric through medieval times. The formal

characteristics of the painting, sculpture, architecture, and some of the minor arts will be analyzed. An introduction to the basic knowledge necessary for painting, sculpture, and the related arts. A study of outstanding examples of painting, sculpture, and the related arts. Spring, even years.

ARTS 2212 ART HISTORY II. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. A survey of Western art from the early Renaissance to the present. The formal characteristics of the painting, sculpture, architecture, and some of the minor arts will be analyzed. An introduction to the basic knowledge necessary for the understanding and appreciation of the visual arts. A study of outstanding examples of painting, sculpture, and the related arts. Spring, odd years.

ARTS 2213 ART APPRECIATION. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. An introduction to the basic knowledge necessary for the understanding and appreciation of the visual arts. A study of outstanding examples of painting, sculpture, and the related arts. Fall, Spring.

ARTS 2216 INTRODUCTION TO PAINTING. 1 hour. 2 hours lab per week. An introduction to the techniques, principles and materials of painting. This course is intended for non-art majors. Fall.

ARTS 2217 PAINTING. 3 hour. 6 hours lab per week. An introduction to the techniques, principles and materials of painting. Fall.

ARTS 2240 CERAMICS. 3 hours. 6 hours lab per week. An introduction to basic clay hand building techniques, glazing processes, kiln firing methods and hand-building techniques, including pinch, coil, and slab construction. Spring.

ARTS 2241 CERAMICS II. 3 hours. 6 hours lab per week. Advanced study in ceramics. A continuation of Art 2240. Spring.

ARTS 2242 CERAMICS III. 3 hours. 6 hours lab per week. Advanced study in ceramics. A continuation of Art 2241. Spring.

ASLH 1000 CAREERS IN THE LIVESTOCK INDUSTRY. 1 hour. This course introduces students to the diverse options of careers related to the United States beef, swine, poultry and equine industries. Students will learn the principles of and demonstrate their ability to create a career exploration system that results in career planning, preparation and placement. Students will create a resume', career plan, internship plan and career shadowing plan. Guest speakers representing career areas will be used extensively. Fall.

ASLH 1125 INTRODUCTION TO POULTRY SCIENCE. 3 hours. An introductory course designed to cover the basics of the poultry industry including breeds, basic nutrition, and the biology of the domestic fowl and the application of the factors to the poultry industry. Fall.

ASLH 2000 PRACTICUM IN ANIMAL SCIENCE. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. Care and techniques of farm animal management, handling, movement, restraint and facilities needed for efficient and profitable animal production. Fall, Spring.

ASLH 2010 INTRODUCTION TO ANIMAL SCIENCE. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. Co-requisite: ASLH 2010L. A study of basic principles of animal genetics, selection, nutrition, growth, reproduction and lactation. Economic importance of livestock and poultry are emphasized. Fall, Summer.

ASLH 2203 ELEMENTS OF DAIRYING. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. A grade of "C" or better in ASLH 2010. An elementary course dealing with dairying and its relationship to agriculture. Includes the areas of breeding, nutrition, marketing of milk, facilities, and the management of the dairy herd. Spring.

ASLH 3110 FOOD ANIMAL EVALUATION AND SELECTION. 3 hours. Prerequisite: ASLH 2010 and BIOL 1003/L or BIOL 2107/L with a grade of "C" or better. Students will learn the factors affecting the value of market and breeding beef cattle and swine, and learn the process of predicting genetic differences and product differences among a population. Problem solving and decision making will be utilized. Fall odd years.

ASLH 3120 HERD HEALTH. 3 hours. Prerequisite: ASLH 2010 and BIOL 1003/L or BIOL 2107/L with a grade of "C" or better. Causes, clinical signs, treatments and prevention of the economically important diseases of beef and dairy cattle as well as swine. Emphasis on management practices that prevent disease. Spring even years.

ASLH 3318 PHYSIOLOGY OF REPRODUCTION. 3 hours. Prerequisite: ASLH 2010, and BIOL 1003/L or BIOL 2107/L. Principles of reproduction in farm animals including factors related to the estrous cycle, gestation/pregnancy, lactation, gametogenesis, fertilization, and parturition. Fall.

ASLH 4205 BEEF PRODUCTION. 3 hours. Prerequisite: ASLH 3110, ASLH 3120, ASLH 3318, and ASLH 4405 with a grade of "C" or better. Beef Production is a senior level 'capstone' course for the BAS Diversified Agriculture student. It is designed to draw on the student's educational background and

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experiences, as well as employ critical thinking and problem solving to make and defend management decisions. The course will focus on the many resources utilized within a beef cattle operation, the interactions of biological principles and the resulting economic implications. Travel will be required of students over spring break to beef cattle operations. Spring.

ASLH 4405 APPLIED ANIMAL NUTRITION. 3 hours. Prerequisite: the following courses with a grade of "C" or better: ASLH 2010; BIOL 1003/L or BIOL 2107/L; and MATH 1002 or equivalent math. A review of applied nutritional practices and management, and ration formulation for beef and dairy cattle, horses, swine, and poultry. Fall.

BIOL 1003 INTRODUCTORY BIOLOGY I. 3 hours. Prerequisite: Exemption from or successful completion of ENGL 0099 and READ 0099. Co-requisite: BIOL 1003L. Three hours of lecture each week. General topics to be covered include cell structure and function, cell division, plant and animal energy pathways, genetics and evolution. This course is intended for non-science majors only. Fall, Spring, Summer.

BIOL 1003L INTRODUCTORY BIOLOGY I LABORATORY. 1 hour. One two-hour laboratory period each week to accompany BIOL 1003. Fall, Spring, Summer.

BIOL 1004 INTRODUCTORY BIOLOGY II. 3 hours. Prerequisite: BIOL 1003/1003L with a grade of C or higher. Co-requisite: BIOL 1004L. Three hours of lecture each week. General topics to be covered include diversity of viruses and bacteria, plant and animal classification, structure and function of major plant and animal systems and ecology. Human biology is emphasized during the latter part of the course. This class is intended for the non-science major interested in a general understanding of biological concepts. Fall, Spring, Summer.

BIOL 1004L INTRODUCTORY BIOLOGY II LABORATORY. 1 hour. One two-hour laboratory period each week to accompany BIOL 1004. Fall, Spring, Summer.

BIOL 2011 HUMAN ANATOMY AND PHYSIOLOGY I. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. Co-requisite: BIOL 2011L. Three hours of lectures each week. A detailed, integrated study of the structure and function of the human body including basic chemistry of living systems, study of the cell; tissues; and the integumentary, skeletal, muscular, nervous, and endocrine systems. Fall, Spring, Summer.

BIOL 2011L HUMAN ANATOMY AND PHYSIOLOGY I LABORATORY. 1 hour. One two-hour laboratory period each week to accompany BIOL 2011. Fall, Spring, Summer.

BIOL 2012 HUMAN ANATOMY AND PHYSIOLOGY II. 3 hours. Co-requisite: BIOL 2012L. Prerequisite: BIOL 2011 and 2011L with a grade of C or higher. Three hours of lecture each week. A continuation of BIOL 2011 including study of the cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems. Fall, Spring, Summer.

BIOL 2012L HUMAN ANATOMY AND PHYSIOLOGY II LABORATORY. 1 hour. One two-hour laboratory period each week to accompany BIOL 2012. Fall, Spring, Summer.

BIOL 2026 VERTEBRATE ZOOLOGY. 3 hours. Co-requisite: BIOL 2026L. Prerequisite: BIOL 2107 and 2107L and BIOL 2108 and 2108L with a grade of C or higher or BIOL 2012 and 2012L with a grade of C or higher. Three hours of lecture each week. A study of the classification, life histories, development, behavior, structure and function of vertebrate animals. Spring.

BIOL 2026L VERTEBRATE ZOOLOGY LABORATORY. 1 hour. One two-hour laboratory period each week to accompany BIOL 2026. Spring.

BIOL 2050 PRINCIPLES OF MICROBIOLOGY. 3 hours. Co-requisite: BIOL 2050L. Prerequisite: BIOL 2107 and 2107L with a grade of C or higher or BIOL 2012 and 2012L with a grade of C or higher. Three hours of lectures each week. A study of the basic microorganism including pathogens, culturing, methods of staining, disinfection and disease. Fall, Spring, Summer.

BIOL 2050L PRINCIPLES OF MICROBIOLOGY LABORATORY. 1 hour. Two one-hour laboratory periods each week to accompany BIOL 2050. Fall, Spring, Summer.

BIOL 2107 PRINCIPLES OF BIOLOGY I. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. Co-requisite: BIOL 2107L. Three hours of lecture each week. An integrated introduction to modern biology from atomic particles to evolution. General topics to be considered include chemical, molecular and cellular basis of life, photosynthesis, cell metabolism, cell division, genetics, biotechnology, and evolution. This course is intended for science related majors. Fall, Spring, Summer.

BIOL 2107L PRINCIPLES OF BIOLOGY I LABORATORY. 1 hour. One two-hour laboratory period each week to accompany BIOL 2107. Fall, Spring, Summer.

BIOL 2108 PRINCIPLES OF BIOLOGY II. 3 hours. Co-requisite: BIOL 2108L. Prerequisite: BIOL 2107 and BIOL 2107L with a grade of C or higher. Three hours of lecture each week. General topics to be considered include Domain/Kingdom diversity and classification, plant and animal structure and physiology, plant and animal reproduction, animal homeostasis, responsiveness, coordination, and ecology. This course is

intended for science related majors. Fall, Spring, Summer as needed.

BIOL 2108L PRINCIPLES OF BIOLOGY II LABORATORY. 1 hour. One two-hour laboratory period each week to accompany BIOL 2108. Fall, Spring, Summer as needed.

BUSA 1101 BUSINESS SEMINAR. 1 hour. An industry awareness and exploration course consisting of various topics associated with Business and Economics.

BUSA 1105 INTRODUCTION TO BUSINESS. 3 hours. An integrative survey of the functional areas of business (finance, operations, marketing, human resources, etc.). Fall.

BUSA 2105 COMMUNICATING IN THE BUSINESS ENVIRONMENT. 3 hours. Prerequisite: ENGL 1101 with a grade of "C" or better. Emphasizes both interpersonal and organizational communications as they relate to the business environment; includes delivery of different types of speeches as well as written exercises appropriate to business practice; designed to develop written and oral communication skills including the clear, concise, effective oral presentation of ideas and to develop an acceptable speaking voice. Fall, Spring.

BUSA 2106 THE ENVIRONMENT OF BUSINESS. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. An introduction to the legal, regulatory, political, social, ethical, cultural, environmental and technological issues which form the context for business; to include an overview of the impact of demographic diversity on organizations. Spring.

BUSA 2155 BUSINESS LAW. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. A general study of law and its relationship to business. Special emphasis is upon the Law of Contracts as related to sales, property, negotiable instruments, and business organization. Fall.

BUSA 3150 BUSINESS FINANCE. 3 hours. Prerequisite: ACCT 2101. Introduction to the principles of financial management as applied to the business or organization including financial analysis, acquisition of funds, capital structure, dividend policy, working capital management, and evaluation and assessment. Formerly course number FINC 3100. Spring.

CHEM 1211 PRINCIPLES OF CHEMISTRY I. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099, ENGL 0099, and MATH 0099. Co-requisite: CHEM 1211L. Co-requisite: MATH 1111. Three hours of lecture each week. A general course in chemistry including dimensional analysis, atomic and molecular structures, chemical and physical properties, gas laws, and solutions. Fall, Spring, Summer.

CHEM 1211L PRINCIPLES OF CHEMISTRY I LABORATORY. 1 hour. One-two hour laboratory and one one-hour lab preparation/recitation period each week to accompany CHEM 1211. Fall, Spring, Summer.

CHEM 1212 PRINCIPLES OF CHEMISTRY II. 3 hours. Co-requisite: CHEM 1212L. Prerequisite: CHEM 1211, CHEM 1211L and MATH 1111 with a grade of C or higher. Three hours of lectures each week. A continuation of CHEM 1211 including thermodynamics, kinetics, equilibrium, and selected descriptive chemistry. Fall, Spring, Summer as needed.

CHEM 1212L PRINCIPLES OF CHEMISTRY II LABORATORY. 1 hour. One-two hour laboratory and one one-hour lab preparation/recitation period each week to accompany CHEM 1212. Fall, Spring, Summer as needed.

CHEM 2040 FUNDAMENTAL ORGANIC CHEMISTRY I. 3 hours. Co-requisite: CHEM 2040L. Prerequisite: CHEM 1212 and CHEM 1212L with a grade of C or better. Three hours of lecture each week. This course covers basic topics of structure and function, organic reaction fundamentals, and stereoisomerism. Aliphatic and cyclic compounds, including alkanes, alkenes, alkyl halides, alcohol, ethers, and alkynes, are studied. Emphasis is placed upon investigating the common types of reactions these compounds undergo. Fall.

CHEM 2040L FUNDAMENTAL ORGANIC CHEMISTRY I LABORATORY. 1 hour. One-three hour laboratory period each week to accompany CHEM 2040. Fall.

CHEM 2041 FUNDAMENTAL ORGANIC CHEMISTRY II. 3 hours. Co-requisite: CHEM 2041L. Prerequisite: CHEM 2040 and 2040L with a grade of C or better. Three hours of lecture each week. This course is a continuation of CHEM 2040. Selected topics include aromatic compounds, ketones and aldehydes, carboxylic acids, amines, and amides. The structure, function, and reactivity of these compounds are investigated. IR, MS, and NMR spectroscopies are utilized as an aid in determining the structure of simple organic compounds. Spring.

CHEM 2041L FUNDAMENTAL ORGANIC CHEMISTRY II LABORATORY. 1 hour. One-three hour laboratory period each week to accompany CHEM 2041. Spring.

CISM 2201 FUNDAMENTALS OF COMPUTER APPLICATIONS. 3 hours. A course designed to assure a basic level of computer applications literacy; to include word processing, spreadsheet, data-base, LAN, e-mail and Internet utilization. Fall, Spring, Summer.

CISM 2201H FUNDAMENTALS OF COMPUTER APPLICATIONS (HONORS). 3 hours. A course designed to

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assure a higher level of computer applications literacy; to include word processing, spreadsheet, database, LAN, e-mail and Internet utilizations. Fall, Spring.

COMM 1000 ORAL COMMUNICATION SKILLS. 2 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. A course in the principles of effective oral communication. Students will gain experience in research, organization, and delivery of different types of speeches. This course meets the graduation requirement for speech and may be used as one of the courses required in Area B, Institutional Options. Not appropriate for most majors. Fall, Spring.

COMM 1100 HUMAN COMMUNICATION. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. A broad based oral communication class focusing on public speaking, interpersonal and small group communication. Fall, Spring, Summer.

COMM 1100H HUMAN COMMUNICATION (HONORS). 3 hours. Prerequisite: Honors Program membership or permission of Honors Director. A study of the techniques required in speech research, organization, and argument development. Designed to develop advanced delivery techniques for different types of speeches in various public forums Fall.

COMM 1110 PUBLIC SPEAKING. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. A study of various forms of public address, and practice in the preparation and delivery of several types of speeches. Designed for a student interested in performing advanced work in speech research and organization. Fall, Spring, Summer.

COMM 2100 INTERPERSONAL COMMUNICATION. 3 hours. Prerequisite: COMM 1100 or COMM 1110 and ENGL 1101 with a grade of "C" or better. Communication as it occurs in dyadic and small group settings. Primary concern is given to understanding how individuals use both verbal and nonverbal communication to affect relationships and how context affects outcome. Fall.

COMM 2300 COMMUNICATIONS THEORY AND RESEARCH. 3 hours. Prerequisite: COMM 1100 or COMM 1110 and ENGL 1101 with a grade of "C" or better. Introduction to the nature of academic inquiry in communications, the basic structure and methodology of professional and academic research, resources available for access to published research, and the major theories that have evolved within the communication discipline as a result of research. Spring.

COMM 3325 INTERCULTURAL COMMUNICATION. 3 hours. Study of communication and cultural variables and how intercultural interaction affects participants and messages. Spring.

CRJU 1100 INTRODUCTION TO CRIMINAL JUSTICE. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. An examination of the major components of the American criminal justice system at local, state, and federal levels. The course will examine the different functions and interrelationships of police, the courts, prosecutors and defense attorneys, basic criminal law and court procedures, and the adult prison system. Fall and Summer, even numbered years.

CRJU 1110 POLICE ADMINISTRATION. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. An examination of the administration and operation of police organizations. The course will examine the different organizational and command structures used for different police functions, the management and control functions of department administrators, recruitment and hiring practices, budget and other fiscal concerns, and other human resource issues in policing. Spring – Even numbered years

CRJU 1125 INTRODUCTION TO POLICING. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. This course looks at the day-to-day activities of American-style policing with an emphasis on the duties and responsibilities of a patrol officer: response to criminal complaints, domestic disturbances, traffic stops, drug arrests, as well as other patrol-related functions such as citizen assistance. There will be a field experience program with local law enforcement agencies. Summer, odd numbered years.

CRJU 1150 NARCOTICS AND DANGEROUS SUBSTANCES. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. This course examines drug abuse in American society, past and present. The course will focus on the different categories of drugs, legal and illegal, their effects and potential levels of abuse, the impact of drug abuse on other criminal activity. Domestic and foreign drug production, smuggling and law enforcement interdiction efforts will be examined, along with gangs, organized crime rings, their involvement in the illegal drug culture, and their impact on American society and crime rates. Fall

CRJU 1165 HOMICIDE INVESTIGATION. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. This course will provide the student with a general knowledge of homicide investigation procedures. The student will become familiar with the distinctions between cause and manner of death and the determinations of homicide, suicide, accidental and undetermined deaths. A particular focus will be on the actual mechanisms of death such as gunshot wounds, edged weapon injuries, blunt force trauma, drowning, burning, poisoning, and various forms of asphyxia. Spring, odd numbered years.

CRJU 1170 CORRECTIONAL PROCESS. 3 hours. Prerequisite: Exemption from or successful completion of

READ 0099. This course will introduce the student to the adult correctional systems used in the United States, the different incarceration categories such as minimum, medium, maximum and "super max" facilities as well as the different alternatives to incarceration such as probation, parole, and intermediate sanctions. The course will provide a historical perspective on the development and evolution of different theories of the purpose, goals, and proper methods of corrections, the different applications, and the results. Summer, even numbered years.

CRJU 2155 INTRODUCTION TO CRIMINAL PROCEDURE. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. This course is an examination of the criminal justice processes relating to testimonial and physical evidence. Areas to be covered will be the legal standards for admitting and presenting evidence, the latest key U.S. Supreme Court decisions governing admissibility of evidence, and procedures followed by prosecutors, defense attorneys, and judges before, during, and after the criminal trial. Fall

CRJU 2200 CRIMINAL LAW. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. This course will provide the student with a knowledge of the principles and sources of criminal law in America, the elements of proof, criminal responsibility, venues and parties to a crime. The student will be able to recognize the appropriate elements of proof required for major felony and misdemeanor crimes under the appropriate section of the Georgia Revised Statutes. Fall and Summer, odd numbered years.

CRJU 2210 JUVENILE PROCEDURES. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. An examination of the American juvenile justice system and its associated components, beginning with the development of delinquent and criminal behavior, and sociological and physiological theories of delinquency. The course will focus on functions of the American juvenile justice system, its creation and existence separate from the adult criminal justice process, and examine the historical background, organization, function, and jurisdiction of juvenile justice courts and other agencies. This course will address special problems faced by the police, social workers, case officers and others associated with juveniles in a modern society. Spring

CRJU 2215 CONSTITUTIONAL LAW. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. This course will provide the student with a background into the U.S. Constitution, the Bill of Rights, the protections contained in these documents, and the constraints imposed on law enforcement officers. The primary focus will be detailed examinations of the legal issues involving the 4th, 5th, 6th and 8th Amendments to the U.S. Constitution and similar individual rights protections of the Georgia State Constitution. In addition, the student will become familiar with relevant court decisions in the areas of search and seizure, rights against self-incrimination, representation by counsel, prohibitions against cruel and unusual punishments. Spring

CRJU 2220 CRIMINAL INVESTIGATION. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. This course provides the student with knowledge of criminal investigation procedures. The primary focus of the course will be on the proper procedures for processing a crime scene, photography, evidence handling, preparation of crime scene notes and sketches. In addition, the student will be introduced to the proper techniques for interviewing persons connected to a crime, and the course will address the particular problems presented by crimes such as murder, arson, burglary, and sexual assault. Spring.

CRJU 2230 INTRODUCTION TO CRIMINOLOGY. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. This course is an examination of the different sociological and physiological theories of criminology, as well as a historical perspective of deviant and criminal behaviors in American society. The course focuses on different theories of prevention and intervention, the biological, physiological, social, and environmental causes of criminal behavior and delinquency. The course will also address specific topic areas of personal violence, property and white-collar crimes, crime victims, and crime prevention. The student will be introduced to the concepts of criminal behavior profiling, and several high-profile criminal cases where it was used. Fall.

CRJU 2235 LAW ENFORCEMENT INTERNSHIP. 6 hours. A faculty-supervised internship while the student attends the South Georgia Police Academy as a cadet. Students must successfully complete the 11-week Police Academy program of instruction and be certified as Basic Peace Officer in accordance with the P.O.S.T. standards. Open to all students; physical ability and administrative restrictions apply. Additional fees required. Students must contact the ABAC Criminal Justice Program coordinator 60 days prior to the start of the course. Summer (May – July)

CRSS 2010 INTRODUCTION TO CROP SCIENCE. 3 hours. Co-requisite: CRSS 2010L. Prerequisite: Exemption from or successful completion of READ 0099, ENGL 0099, and MATH 0099. A lecture and laboratory designed to provide students who are pursuing a 4-year degree with an in-depth understanding of the form and function of plants, and their use in agriculture. Typical agronomic and horticultural plants are used as examples. Some topics include cell division, growth, development, crop production, usage, genetics and metabolism. Fall, Spring.

CRSS 2010L INTRODUCTION TO CROP SCIENCE LAB. 1 hour.

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CSCI 1301 COMPUTER SCIENCE I. 4 hours. Prerequisite: Prerequisite: Exemption from or successful completion of READ 0099, ENGL 0099, and MATH 0099 and MATH 1111 or exemption. Four hours of lecture/demonstration each week. This course includes an overview of computers and programming; problem-solving and algorithm development; simple data types; arithmetic and logical operators; selection structures; repetition structures; text files; arrays (one- and two-dimensional); procedural abstractions and software design; object-oriented programming techniques. Fall.

CSCI 1302 COMPUTER SCIENCE II. 4 hours. Prerequisite: CSCI 1301. Four hours of lecture/demonstration each week. The course includes an overview of abstract data types (ADTs); arrays (multi-dimensional) and records; sets and strings; binary files; searching and sorting; introductory algorithm analysis (including Big-O); recursion; pointers and linked lists; software engineering concepts; dynamic data structures (stacks, queues, trees). Spring.

ECON 2105 PRINCIPLES OF MACROECONOMICS. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and MATH 0099. This principles of economics course is intended to introduce students to concepts that will enable them to understand and analyze economic aggregates and evaluate economic policies. Fall, Spring, Summer.

ECON 2106 PRINCIPLES OF MICROECONOMICS. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and MATH 0099. This principles of economics course is intended to introduce students to concepts that will enable them to understand and analyze structure and performance of the market economy. Not open to students with credit for AECO 2258. Fall, Spring, Summer.

ECON 3101 AMERICAN ECONOMIC HISTORY. 3 hours. This course explores the historical foundations of American economic growth and development from the colonial period to the present. Economic factors involved in institutional and structural change and the processes of growth are considered. Special emphasis will be placed on rural development. Fall.

ECON 4105 PUBLIC SECTOR ECONOMICS. 3 hours. Proposed Course. Economic analysis of government tax and expenditure policies; topics include public good and externality theory, public choice theory, income distribution, cost-benefit analysis, principles of taxation, tax incidence, economic effects and optimal structures of major taxes, and taxation in developing economies.

ECON 4106 ECONOMICS OF ENVIRONMENTAL LAW. 3 hours. Proposed Course. Examination of environmental law issues. Topics include common-law pollution control; role of administrative agencies and courts; federal and state power; air and water pollution; regulation of toxic substances; protection of land, soil and other natural resources.

ECON 4710 RURAL ECONOMIC DEVELOPMENT. 3 hours. This course is intended to increase students' understanding and awareness of economic conditions of rural communities, the multitude of economic activities affecting them, and the role of government policies in influencing the growth and development of rural America. The course will highlight important definitions, concepts, and theories in economic development and introduce the student to tools used in economic development. Spring.

ECON 4850 ECONOMICS OF THE WELFARE STATE: INCOME, WATER, HEALTHCARE AND THE ENVIRONMENT. 3 hours. Proposed Course. This course in welfare economics analyzes social welfare and resource distribution that is achieved in imperfect markets.. This implies the study of income, environmental and other resource distribution and how this distribution affects the Public good. This course is a methodological approach to assess resource allocations and establish criteria for government intervention and the subsequent outcomes in a private market dominated society. Individual research and group discussion will examine public expenditure programs with attention to investment in human capital, education, training, health, and welfare programs.

ECON 4900 COMMUNITY DEVELOPMENT: EDUCATION, RECREATION, THE ARTS. 3 hours. Proposed Course. This intensive course covers the concepts, methods, and strategies of community development and how it supports overall economic development through Education, recreation, the arts and other sectors. The course explores application of community development practice to analyze and address issues such as asset-based development, participatory approaches, leadership development, community decision making and the community capital framework. The course will focus on theories of community definition and functioning, building and sustaining community, and the impact of societal change on community processes.

EDUC 2110 INVESTIGATING CRITICAL AND CONTEMPORARY ISSUES IN EDUCATION. 3 hours. Prerequisite: ENGL 1101 with a "C" or better; at least fifteen semester hours of academic credit with a minimum of a 2.0 GPA. This course engages students in observations, interactions, and analyses of critical and contemporary education issues. Students will investigate issues influencing the social and political contexts of educational settings in Georgia and the United States. Students will actively examine the teaching profession from multiple vantage points both within and outside the school. Against this backdrop, students will reflect on and interpret the meaning of education and schooling in a diverse culture and examine the moral and ethical responsibilities of teaching in a democracy. Ten hours of field experience in an approved educational setting are required. Fall, Spring.

EDUC 2120 EXPLORING SOCIO-CULTURAL PERSPECTIVES ON DIVERSITY IN EDUCATIONAL CONTEXTS. 3 hours. Prerequisite: ENGL 1101 with a "C" or better; at least fifteen semester hours of academic credit with a minimum of a 2.0 GPA. Given the rapidly changing demographics in our state and country, this course is designed to equip future teachers with the fundamental knowledge of understanding culture and teaching children from diverse backgrounds. Specifically, this course is designed to examine 1) the nature and function of culture; 2) the development of individual and group cultural identity; 3) definitions and implications of diversity; and 4) the influences of culture on learning, development and pedagogy. Ten hours of field experience are required. Fall, Spring.

EDUC 2130 EXPLORING LEARNING AND TEACHING. 3 hours. Prerequisite: ENGL 1101 with a "C" or better; at least fifteen semester hours of academic credit with a minimum of a 2.0 GPA. Students enrolled in this course explore key aspects of learning and teaching through examining their own learning processes and those of others, with the goal of applying this knowledge to enhance the learning of all students in a variety of educational settings and contexts. Ten hours of field experience are required. Fall, Spring.

EDUC 3300 RURAL EDUCATION: PAST AND PRESENT. 3 hours. Proposed Course. This course will begin by focusing on the history of education in rural America with an emphasis on gender, social class, and race issues and outcomes. The students will also examine how the historical context of education in rural America impacts rural communities today. This class will also focus on current challenges in rural education and will critique current strategies being used to address these issues.

ENGL 0099 DEVELOPMENTAL ENGLISH. 4 hours. Four hours of lecture each week. A composition course required of students scoring below an established cut-off score of the writing placement exam. Instruction focuses on helping students develop proficiency and confidence in their writing processes and in reading and responding to the writing of others. Students may exit Learning Support English by successfully completing ENGL 0099, passing the WPE, and making a satisfactory score on the COMPASS exam. Fall, Spring, Summer.

ENGL 1101 COMPOSITION I. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. A composition course focusing on skills required for effective writing in a variety of contexts, with emphasis on exposition and argumentation, and also including introductory use of a variety of research skills. Fall, Spring, Summer.

ENGL 1101H COMPOSITION I (HONORS). 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099 and Honors Program membership or permission of Honors Director. A composition course focusing on skills required for effective writing in a variety of contexts, with emphasis on exposition and argumentation, and also introductory use of a variety of research skills. Fall.

ENGL 1102 COMPOSITION II. 3 hours. Prerequisite: ENGL 1101 with a grade of "C" or better. English 1102 is a composition course in which literature is used as a basis for argument and which emphasizes analysis, interpretation, and evaluation of a variety of texts. The course promotes academic writing and incorporates advanced research methods, including capability in electronic resources and documentation. Fall, Spring, Summer.

ENGL 1102H COMPOSITION II (HONORS). 3 hours. Prerequisite: ENGL 1101 with a grade of "C" or better (or exempt status) and Honors Program membership or permission of Honors Director. A composition course focusing on academic writing skills that emphasizes interpretation and evaluation of a variety of texts and that incorporates advanced research skills. Spring.

ENGL 2111 WORLD LITERATURE I. 3 hours. Prerequisite: ENGL 1102 with a grade of "C" or better. A survey of important works of world literature from ancient times through the mid-seventeenth century. Designed to foster in the student some knowledge and appreciation of world literature through the seventeenth century. Lectures, discussions, and research are devoted to major literary works, figures, and movements in historical context, with attention to recurrent themes, archetypes, and techniques of literary analysis as well as to the influence of philosophical and religious views on literature. Fall, Spring, Summer.

ENGL 2112 WORLD LITERATURE II. 3 hours. Prerequisite: ENGL 1102 with a grade of "C" or better. A survey of important works of world literature from the mid-seventeenth century to the present. Designed to foster in the student some knowledge and appreciation of world literature from the late seventeenth century to modern times. Lectures, discussions and research are devoted to major literary works, figures, and movements in historical context, with attention to recurrent themes, archetypes, and techniques of literary analysis as well as to the influence of philosophical and religious views on the literature. Fall, Spring, Summer.

ENGL 2121 BRITISH LITERATURE I. 3 hours. Prerequisite: ENGL 1102 with a grade of "C" or better. A survey of important works of British Literature. Designed to foster in the student some knowledge and appreciation of British Literature from Old English through the Neo classical period (Age of Reason). Lectures, discussions, and research focus on major figures, works, and movements in historical context,

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with special attention to themes and techniques of literary analysis and to the influence of philosophical, political, social, and religious views on the literature. Fall, Spring, Summer.

ENGL 2122 BRITISH LITERATURE II. 3 hours. Prerequisite: ENGL 1102 with a grade of "C" or better. A survey of important works of British Literature. Designed to foster in the student some knowledge and appreciation of British Literature from the Romantic period to the present. Lectures, discussions, and research focus on major figures, works, and movements in historical context, with special attention to themes and techniques of literary analysis and to the influence of philosophical, political, social, and religious views on the literature. Fall, Spring, Summer.

ENGL 2131 AMERICAN LITERATURE I. 3 hours. Prerequisite: ENGL 1102 with a grade of "C" or better. A survey of important works of American literature. Designed to foster in the student some knowledge and appreciation of American literature from the sixteenth century pre-colonial to the mid-nineteenth century (civil war). Lectures, discussions, and research focus on major figures, works, and movements in historical context, with special attention to themes and techniques of literary analysis and to the influence of philosophical and religious views on the literature. Fall, Spring, Summer.

ENGL 2132 AMERICAN LITERATURE II. 3 hours. Prerequisite: ENGL 1102 with a grade of "C" or better. A survey of important works of American literature. Designed to foster in the student some knowledge and appreciation of American literature from the mid-nineteenth century (civil war) through the present. Lectures, discussions, and research focus on major figures, works, and movements in historical context, with special attention to themes and techniques of literary analysis and to the influence of philosophical and religious views on the literature. Fall, Spring, Summer.

ENGL 2132H SURVEY OF AMERICAN LITERATURE II (HONORS). 3 hours. Prerequisite: Honors Program membership and ENGL 1102H or ENGL 1102 with a grade of "C" or better; and permission of Honors Director. A survey of important works of American literature designed to foster in the student some knowledge and appreciation of American literature from the mid-nineteenth century (civil war) through the present. Lectures, discussions, and research focus on major figures, works, and movements in historical context, with special attention to themes and techniques of literary analysis and to the influence of philosophical and religious views on the literature. Fall.

ENGL 3220 AFRICAN AMERICAN FOLK LITERATURE. 3 hours. Proposed Course. A lecture course on African American literature with a focus on folklore. The course will trace the development of African American writing from a rural, folk perspective.

ENGL 3300 LITERATURE OF RURAL AMERICA. 3 hours. A lecture course focusing on American literature of the rural experience. This course begins with the colonization of America and traces rural literature through the contemporary era. Spring.

ENGL 4600 LITERATURE OF APPALACHIA. 3 hours. Proposed Course. A lecture course on literature of the Appalachian region, focusing on classic and contemporary authors and works, such as Cormac McCarthy, Bobbie Ann Mason, Lee Smith, Wendell Berry, James Agee.

ENGL 4700 ORAL NARRATIVES AND SOUTHERN FOLK LITERATURE. 3 hours. Proposed Course. A lecture course focusing on the development of oral and folk literature in the American southeast. Particular attention will be given to oral storytelling, tracing the genre from the earliest recorded examples to the present-day folk revival.

ENGL 4760 SURVEY OF SOUTHERN LITERATURE. 3 hours. A survey of the major authors of Southern literature within their historical and ideological context. Spring.

FACS 1100 CAREER EXPLORATION. 1 hour. A study of the various fields of Family and Consumer Sciences designed to orient freshman in the opportunities, preparation and personal qualities important for the various fields of Family and Consumer Sciences. Required for all Family and Consumer Sciences majors. Fall, Spring, Summer.

FACS 1101 FASHION FUNDAMENTALS. 3 hours. A study of fashions as a social, economic, and merchandising force. Designers, markets, and fashion cycles will be examined. Spring even years.

FACS 1103 INTRODUCTION TO CHILD DEVELOPMENT. 3 hours. A study of the development and needs of the infant, through teen years and how these needs may be met by the various members of the family and educational institutions. Spring even years.

FACS 1120 TEXTILE CONSTRUCTION. 3 hours. A course designed to teach the fundamentals of clothing based on wardrobe planning, purchase and use of fabrics as well as garment construction. Emphasis upon intellectual reasoning, problem-solving, managing, communicating and manual dexterity is used. Emphasis will also be given to construction of home furnishings and accessories. Fall even years.

FACS 1151 WELLNESS NUTRITION. 3 hours. A study of the basic principles of nutrition and selection of foods to maintain health at various stages of the life cycle. Spring odd years.

FACS 1161 INTERIOR SYSTEMS AND EQUIPMENT. 3 hours. A study of the selection, care and efficient use

of carpet flooring materials, paint, etc. used in commercial and residential design. The development and understanding of the different types of energy used in the operation of equipment and home heating is stressed. Technology and its use within the home is examined. Spring even years.

FACS 2206 EXPERIENTIAL LEARNING IN FAMILY AND CONSUMER SCIENCES TECHNOLOGY. 3 hours. An Internship for students in Family & Consumer Sciences Technology. Fall, Spring, Summer.

FACS 2211 CHILDREN'S CREATIVE ACTIVITIES. 3 hours. A study of children's creative activities including out of class observation periods. Planning experiences appropriate to age, interest, and background of the young child; including responsibility for guiding groups of children in preschool situations. Fall odd years.

FACS 2212 EARLY CHILDHOOD CARE & EDUCATIONAL PROGRAM MANAGEMENT. 3 hours. Instruction and observation in the basic principles of group management of infants and preschoolers, guidance in selection of equipment and play materials, time and space management and business management with special emphasis on health and safety, licensing, staffing, program development and general organization. Spring odd years.

FACS 2214 CLOTHING AND CONSUMER BEHAVIOR. 3 hours. A study of the selection of clothing and accessories during various life stages based on aesthetic, economic, psychological, and sociological aspects. Including personal grooming, clothing care, repair and storage. Fall odd years.

FACS 2220 CONSUMER ECONOMICS. 3 hours. Management of personal income in relation to individual needs and desires, investigation of consumer information sources, and current financial and consumer credit problems which the individual or family may have to face. Fall even years.

FACS 2224 TEXTILES FOR CONSUMERS. 3 hours. A study of textile fibers, yarns, and fabrics; their properties and identification. Selection and care of textiles including their use in home furnishings and wearing apparel. Spring odd years.

FACS 2225 PROFESSIONAL DEVELOPMENT. 3 hours. A course designed to equip the student with contemporary etiquette appropriate for business and social situations. Fall odd years.

FACS 2275 HOUSING AND INTERIORS. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. A course designed for the planning, selection, and placing of household furnishings in the home from the artistic, economic, and practical viewpoints. Students will apply design principles in planning furnishings for the home. Spring odd years.

FACS 2279 SPECIAL PROBLEMS IN INTERIORS. 3 hours. Individualized projects in the planning and design of interior spaces. Students will construct design boards and create interior spaces using the principles and elements of design. Spring even years.

FACS 2290 RESIDENTIAL INTERIORS AND FURNISHINGS. 3 hours. An in-depth study of the history of interior environments and the furnishings and accessories used in them. The course also includes the adaptation of period and modern furnishings and architecture to contemporary interiors. Fall odd years.

FACS 2293 INTRODUCTION TO MARRIAGE AND FAMILY. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. An introduction to the structure, processes, problems and adjustments of contemporary marriage and family life. Dual listed as SOCI 2293. Fall, Spring.

FOLK 3000 RURAL FOLKLORE. 3 hours. Proposed Course. In the rural space, traditions are largely established out of a response to landscape, natural resources, and weather. These three factors denote where and when the people live, work, recreate, sleep, eat, and worship. This course will broaden students' understanding of rural peoples and the issues they face. All students will be responsible for a field-based research project due at the end of the semester.

FOLK 4100 APPROACHES TO ETHNOGRAPHIC STUDY. 3 hours. Proposed Course. This course will examine ethnographic study from a variety of disciplines, including history, anthropology, sociology, folklore, cultural geography. This class will investigate how these disciplines approach ethnography through a selection of case studies including William Montel's *The Saga of Coe Ridge*, Henry Glassie's *Passing the Time in Ballymenone*, Clarie Farrer's *Thunder Rides a Black Horse* and excerpts from others.

FRSC 1130 SOILS & HERBACEOUS VEGETATION. 3 hours. A study of basic soil properties and their effects on the growth of non-woody plants. Soil classification and use of soil surveys will be related to plant community composition, and wildlife habitat. An introduction to plant taxonomy and family characteristics will provide background for emphasis placed on plants important as wildlife foods, indicator species, and threatened or endangered species. Fall, Spring.

FRSC 1135 NONGAME WILDLIFE. 2 hours. This course is designed to acquaint student with wildlife management directed at species whose value lies in nonconsumptive use. Emphasis will be placed on terrestrial and aquatic species important as indicators, or categorized as threatened or endangered. Fall, Spring.

FRSC 1140 FOREST MEASUREMENTS & MAPPING I. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and MATH 0099. An introduction to the methods of assessing information on

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forest resources and presenting relevant information in a map format. Basic instruction will include forest inventory techniques, measuring standing trees, log rules and scaling, growth measurement. Mapping will include basic drafting and plotting techniques, acreage determination, constructing cover maps of forest types and wildlife habitat, and map orientation and interpretation. Fall, Spring.

FRSC 1155 MICROCOMPUTERS IN FOREST RESOURCES. 2 hours. Prerequisite: Exemption from or successful completion of READ 0099 and MATH 0099. An introduction to the use of desktop computers in forestry and wildlife management. Included are basic computer concepts and terminology, use of Windows operating systems, electronic mail, word processing, spreadsheets, and internet resources. Fall, Spring.

FRSC 1160 FOREST SURVEYING. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and MATH 0099. An introduction to surveying which includes surveying terminology, distance and area measurement, coordinate systems, surveying methods and equipment use. Emphasis is placed on use of the hand compass and GPS receivers. Fall, Spring.

FRSC 1170 DENDROLOGY. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. An introduction to plant taxonomy and identification. Specific diagnostic features of major forest species will be discussed, with an emphasis on field identification. Fall, Spring.

FRSC 1190 NATURAL RESOURCE CONSERVATION. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. An introductory course dealing with renewable natural resources and basic concepts of their management. Soil, water, range, forests, wildlife, and fisheries will be emphasized. Fall, Spring.

FRSC 1192 FOREST WILDLIFE MANAGEMENT. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. An introduction to the basic ecological principles which govern the management of wild animal populations. Emphasis will be placed on those concepts which have given rise to present day management principles. The relationships between wildlife species and other natural forest resources will be presented. Fall, Spring.

FRSC 2225 FOREST MEASUREMENTS I. 2 hours. Prerequisite: MATH 1101 with a "C" or better. Introduction to forest products measurements, log rules, volume/weight tables and equations, measurement of standing trees, timber stand inventory techniques, and measurement of growth. Fall.

FRSC 2230 FOREST ECOLOGY & SOILS. 4 hours. Prerequisite: Exemption from or successful completion of READ 0099 and MATH 0099; and FRSC 1190 and ENGL 1101 with a "C" or better. This course includes the basic concepts of soil science and forest ecology; soil and vegetation classification; tree variability and diversity; site and climatic influences on tree growth; and the relationship of trees to other organisms. Fall.

FRSC 2235 FOREST SURVEYING & MAPPING. 4 hours. Prerequisite: Exemption from or successful completion of READ 0099 and MATH 0099; and MATH 1101 with a grade of "C" or better. An introduction to land surveying, map preparation and map interpretation. Topics included are: surveying terminology, distance and area measurement, surveying methods and equipment use (including GPS technology), basic map drafting techniques, coordinate systems, and rectangular systems for land referencing. Fall.

FRSC 2240 FOREST SAFETY. 1 hour. Prerequisite: Exemption from or successful completion of READ 0099, ENGL 0099, and MATH 0099. This course will provide the student with a general competency in basic first aid, with an understanding of safety guidelines for equipment use and field work, and provide information on the proper handling of hazardous chemicals. Fall, Summer.

FRSC 2243 GEOGRAPHIC INFORMATION SYSTEMS. 4 hours. Prerequisite: Exemption from or successful completion of READ 0099 and MATH 0099; and FRSC 1155 or CISM 2201 and FRSC 2235 or FRSC 1160 with a grade of "C" or better. This course includes instruction in the following areas: structure and function of Geographic Information Systems (GIS), map projections and coordinate systems, geographic database editing, acquisition and interpretation of aerial photographs, incorporation of Global Positioning System (GPS) coordinate data into a GIS, and production of maps. Course emphasis is on GIS in a land management context. Hands-on experience is provided through laboratory exercises employing GIS software. Spring.

FRSC 2250 FOREST PROTECTION. 2 hours. Prerequisite: Exemption from or successful completion of READ 0099, ENGL 0099, and MATH 0099; and FRSC 2230. This course encompasses identification and control of important forest insects and diseases: fire behavior, weather, and suppression strategies will also be addressed. Spring.

FRSC 2255 FOREST MEASUREMENTS II. 5 hours. Prerequisite: Exemption from or successful completion of READ 0099, ENGL 0099, and MATH 0099; and FRSC 2225 and FRSC 2235 with a grade of "C" or better. Study and application of procedures for determining timber stand volumes, including use of electronic data recorders and computation of sampling statistics. Mapping of forest areas is accomplished using GPS technology as well as traditional methods. Spring.

FRSC 2260 CONSERVATION LAW ENFORCEMENT. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099, ENGL 0099, and MATH 0099; and FRSC 1192. A summer program designed to acquaint the student with the modern techniques of game and fish law enforcement. Procedures concerned with the prosecution of game and fish law violations will be covered. Field techniques, gun safety, jurisdiction and legal authority will be included. Summer.

FRSC 2261 FOREST GAME MANAGEMENT. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099, ENGL 0099, and MATH 0099; and FRSC 1192. Classroom and field instruction in game management, to include life histories, diseases, and study of natural habitats and their management throughout Georgia. Summer.

FRSC 2262 AQUATIC RESOURCE MANAGEMENT. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099, ENGL 0099, and MATH 0099; and FRSC 1192. Classroom instruction plus field work under actual working conditions. This includes taking water temperature, dissolved oxygen samples, hardness readings, fish samples, working nets, seining, operating work boats, and fertilizing of ponds. Summer.

FRSC 2263 ADVANCED WILDLIFE TECHNOLOGY. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099, ENGL 0099, and MATH 0099; and FRSC 2261, recommend BIOL 2107. Designed to give the student knowledge pertaining to the practical application of techniques necessary for the management of wildlife populations. Use of wildlife literature, basic physiology, necropsy, sex and age determination, etc. will be incorporated. Fall, Spring.

FRSC 2264 WILDLIFE SEMINAR. 1 hour. Prerequisite: Exemption from or successful completion of READ 0099, ENGL 0099, and MATH 0099; and FRSC 2261 and FRSC 2263 (or concurrent). A capstone course for second-year Wildlife Technology students emphasizing student-lead discussions and demonstrations pertaining to current wildlife management techniques, research, policy, etc. Fall, Spring.

FRSC 2265 SILVICULTURE. 4 hours. Prerequisite: Exemption from or successful completion of READ 0099, ENGL 0099, and MATH 0099; and FRSC 2230 or FRSC 1130; FRSC 1170 recommended. An introduction to the basic concepts of silvicultural methods and systems that includes all phases of stand management from nursery work to harvest/regeneration systems. Fall, Spring.

FRSC 2266 AQUATIC HABITAT MANAGEMENT. 3 hours. Prerequisite: FRSC 1192. This course will focus primarily on the identification and management of aquatic vegetation. Instruction will include training in formulation and application of aquatic herbicides, water chemistry analysis, and manipulation of habitat to benefit desired fish species. Summer.

FRSC 2270 PRINCIPLES OF SUPERVISION. 2 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. This course provides the student with instruction in the basic concepts of supervision and human relations: personal prejudices, work place diversity, motivation, interviewing skills, conflict management, and performance evaluation. Fall, Spring.

FRSC 2275 FOREST INDUSTRIES. 2 hours. Prerequisite: Exemption from or successful completion of READ 0099, ENGL 0099, and MATH 0099; and FRSC 2255 with a grade of "C" or better. A survey of forest industries, including tours of woodlands operations and manufacturing facilities. Summer.

FRSC 2280 FOREST HARVESTING. 2 hours. Prerequisite: Exemption from or successful completion of READ 0099, ENGL 0099, and MATH 0099; and FRSC 2255 with a grade of "C" or better. A study of timber harvesting techniques and equipment, including logging cost analysis. Summer.

FRSC 2285 FORESTRY SEMINAR. 1 hour. Prerequisite: Exemption from or successful completion of READ 0099, ENGL 0099, and MATH 0099. Current research, professional ethics, policy issues, and regional silviculture will be discussed. Summer.

FRSC 2290 TIMBER MANAGEMENT. 5 hours. Prerequisite: Exemption from or successful completion of READ 0099, ENGL 0099, and MATH 0099; FRSC 2243 and FRSC 2255 with a grade of "C" or better. A course in forestry and business management principles and techniques, including measurement of site productivity, determination of timber stand growth and yield, valuation of forest land and premerchtable timber stands, and forest investment analysis. Summer.

FRSC 3111 AGRICULTURE AND RESOURCE MANAGEMENT. 3 hours. Prerequisite: BIOL 1003 with a grade of "C" or better. An introductory course that examines the relationships between agricultural management practices and soil conservation, aquatic resources, and terrestrial wildlife populations. Practical conservation strategies will be emphasized. Fall.

GEOG 1101 INTRODUCTION TO HUMAN GEOGRAPHY. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. A survey of global patterns of resources, population, culture, and economic systems. Emphasis is placed upon the factors contributing to these patterns and the distinctions between the technologically advanced and less advanced regions of the world. Spring.

GEOG 3000 GEOGRAPHY OF RURAL NORTH AMERICA. 3 hours. Proposed Course. This course will focus on continental and regional variations in terrain, climate, and economic and social life of the United States,

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with emphasis on geographical principles, sources of data, and techniques of investigation. A comprehensive overview of the region will emphasize physical landscapes as well as economic and industrial environment. Agricultural and industrial areas will also be discussed.

GEOG 3031 ECONOMIC AND POLITICAL GEOGRAPHY IN RURAL AMERICA. 3 hours. Proposed Course. This course will examine the spatial dynamics and location patterns of economic activities, behavior, and systems through the study of the spatial organization of resource utilization, agricultural production, manufacturing, business, transportation, and trade. In addition, the spatial organization of political systems and the interaction of geographical area and political processes will be investigated with emphasis on the geographical characteristics of states and the geographical dimensions of national and international relations.

GEOG 4001 ISSUES IN RURAL GEOGRAPHY. 3 hours. Proposed Course. This course focuses on rural socio-economic change. Rural population dynamics, including depopulation, repopulation and differential migration, represent a central theme. Related issues of regional and community economic viability and social vitality in the context of settlement policies are addressed.

GNDR 1101 INTRODUCTION TO GENDER STUDIES. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. A survey course designed to introduce students to the social, cultural, and intellectual concepts of an interdisciplinary field that views gender not only as a major topic of study, but as a tool to analyze modern life. Fall.

HIST 1111 WORLD HISTORY I. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. A survey of World History to early modern times. The course focuses on the progress of humankind, the ancient societies of the world, the impact of religion on intellectual thought, the formation of social institutions, key social movements, and the political, social, and economic forces which spawned the development of current global trends. Fall.

HIST 1112 WORLD HISTORY II. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. A survey of World History from early modern times to the present. Issues addressed include the emergence of democracy, totalitarianism, nationalism, and internationalism; analysis of the principal social institutions with the factors and forces influencing them; and the economic aspects of societies during these centuries. Spring.

HIST 2111 UNITED STATES HISTORY I. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. A survey of United States history to the post-Civil War period. This course covers the major social, economic, political, and cultural issues which accompanied the development of American life from pre-Columbian beginnings to Reconstruction. A particular emphasis will be placed on the role of Georgia in the development of the nation. Fall, Spring, Summer.

HIST 2112 UNITED STATES HISTORY II. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. A survey of United States history from the post-Civil War period to the present. This course covers the major social, economic, cultural, and political issues in American history since the Civil War. A particular emphasis will be placed on the role of Georgia in the development of the nation. This course satisfies state law requiring examination on Georgia and United States history. Fall, Spring, Summer.

HIST 2112H UNITED STATES HISTORY II (HONORS). 3 hours. A survey of United States history from the post-Civil War period to the present. This course covers the major social, economic, cultural, and political issues in American history since the Civil War. A particular emphasis will be placed on the role of Georgia in the development of the nation. This course is taught as a seminar and emphasizes greater student interaction. This course satisfies state law requiring examination on Georgia and United States history. Fall.

HIST 2201 AFRICAN AMERICAN HISTORY. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. An introduction to the history of African-Americans in the United States, emphasizing their African heritage and their unique historical evolution in American society. This study also includes an analysis of the institutions and personalities which influenced and shaped the social, economic, political, and cultural developments of the African-American community and American civilization. Fall odd-numbered years.

HIST 2232 MINORITIES IN AMERICAN HISTORY. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. Ethnic, socio-cultural, and economic perspectives will be employed in considering the essential pluralism of American society from colonial times to the present. Patterns of inclusion and exclusion of minorities throughout American history will be analyzed to give students a clear understanding of the significance of ethnic and cultural diversity in the evolution of modern American society. Fall even-numbered years.

HIST 2255 INTRODUCTION TO GEORGIA AND LOCAL HISTORY. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. An examination of Georgia history from colonial times to the present. By concentrated study of selected issues in state development, the course attempts

to develop critical thinking and deeper appreciation of the historical process at the state and local level. Spring odd-numbered years.

HIST 3000 HISTORY OF RURAL AMERICA. 3 hours. A general introductory course to provide the student with a basic understanding of Rural America, including the history, future, impact and influence of Rural American on American society. Fall.

HIST 4000 HISTORY OF SLAVERY IN NORTH AMERICA. 3 hours. An extensive and multifaceted exploration and analysis of the origin, evolution, and development of the institution of slavery in North America from the mid-fifteenth century to the end of the eighteenth century, with particular focus on the plantation system's influence on rural vales, attitudes, human interactions, and culture. Students will also study how both pro-slavery thought and abolitionism during this epoch shaped the social, economic, and political life of the United States in later years. Students will demonstrate a familiarity with the seminal works and outstanding scholars whose research continues to make the study of slavery one of the most controversial and interesting topics in the academy. Spring.

HIST 4200 EASTERN NATIVE AMERICANS. 3 hours. Proposed Course. This course focuses on Native American Culture and is designed to give the student a better understanding of the history of the Eastern Native American Indians, beginning with the Archaic Period through the post Indian Removal Act of 1830, and the history of the Western Native American Indians, beginning with the Paleo-Indian Period through the establishment of Reservations.

HMSR 2101 COOPERATIVE FIELDWORK EXPERIENCES IN HUMAN SERVICES I. 4 hours. Prerequisite: SOCI 2110 Students placed in work situations approved by the Coordinator of Human Services will receive academic credit. This course is not recommended to students planning to transfer to a four-year college. The Coordinator will outline the educational objectives to be attained by students and have the co-op employers agree to provide the opportunity for students to meet these objectives. Final grades will be assigned by the Coordinator. Fall.

HMSR 2102 COOPERATIVE FIELDWORK EXPERIENCES IN HUMAN SERVICES II. 4 hours. Prerequisite: HMSR 2101. Students placed in work situations approved by the Coordinator of Human Services will receive academic credit. This course is not recommended to students planning to transfer to a four-year college. The Coordinator will outline the educational objectives to be attained by students and have the co-op employers agree to provide the opportunity for students to meet these objectives. Final grades will be assigned by the Coordinator. Spring.

HNRS 1101 HONORS SEMINAR. 1 hour. Freshman level honors seminar built around the concepts of "self", "society", and "nature". Basic questions of human existence are explored in an interdisciplinary manner. The seminars also serve as an orientation to college life and are taken in place of ABAC 1000 by honors program students. Fall.

HNRS 1102 HONORS SEMINAR. 1 hour. Freshman level honors seminar built around the concepts of "self", "society", and "nature". Basic questions of human existence are explored in an interdisciplinary manner. These seminars also serve as an orientation to college life and are taken in place of ABAC 1000 by honors program students. Spring.

HNRS 2101 HONORS SEMINAR. 1 hour. Sophomore level honors seminar. Selected special topics are explored in an environment that fosters both collaborative and independent learning. As needed.

HNRS 2102 HONORS SEMINAR. 1 hour. Sophomore level honors seminar. Selected special topics are explored in an environment that fosters both collaborative and independent learning. As needed.

HORT 2100 PROFESSIONALISM IN THE GREEN INDUSTRY. 1 hour. Professional behavior, cover letter and resume writing, interviewing skills, and presentations by industry professionals and students on horticultural topics will be presented. Fall.

HORT 2201 PRINCIPLES OF HORTICULTURE. 3 hours. Discussions and laboratories addressing basic botany and principles of plant growth. Plant responses to varying climatic, environmental, and plant factors applicable to fruits, vegetables, and ornamentals will be emphasized. Transfer credit to senior colleges. Fall.

HORT 2202 GROUNDS MAINTENANCE EQUIPMENT. 3 hours. Discussions and laboratories addressing the selection, operation, and maintenance of power equipment used in various grounds maintenance programs. This course will acquaint students with the various types of mechanized equipment used in maintenance, production, and planting operations and to teach respect for power while learning how to operate and use the equipment safely and to the best advantage. Costs analysis of equipment will be emphasized. Spring.

HORT 2206 EXPERIENTIAL LEARNING IN PRODUCTION. 3 hours. A conference and practical experience course directed toward the ornamental production student. Projects selected by the student and the advisor will form the basis of this course. Individual and group problems related to the projects will be discussed. Critical and rational thinking skills and problem-solving abilities will be exercised. Fall and

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Spring.

HORT 2207 EXPERIENTIAL LEARNING IN LANDSCAPE. 3 hours. A conference and practical experience course directed toward the landscape student. Projects selected by the student and the advisor will form the basis of this course. Individual and group problems related to the projects will be discussed. Critical and rational thinking skills and problem-solving abilities will be exercised. Fall and Spring.

HORT 2208 EXPERIENTIAL LEARNING IN TURFGRASS. 3 hours. A conference and practical experience course directed toward the turfgrass student. Projects selected by the student and the advisor will form the basis of this course. Individual and group problems related to the projects will be discussed. Critical and rational thinking skills and problem-solving abilities will be exercised. Fall and Spring.

HORT 2215 LANDSCAPE DESIGN. 4 hours. Discussions and laboratories addressing the principles of landscape design as applied to residential as well as commercial properties. Emphasis is placed on the theory and principles of landscape design and planning using mechanical drafting and computer skills. Sketching and plan presentation will be stressed also. Spring.

HORT 2220 PRODUCTION INTERNSHIP (EXPERIENTIAL LEARNING). 12 hours. On job training for students in Ornamental Production. Orientation session must be completed prior to placement. Detailed worksheets and project assignment to be completed during placement. Critical and rational thinking skills and problem-solving abilities will be exercised. Fall, Spring, Summer.

HORT 2221 GREENHOUSE OPERATIONS AND MANAGEMENT. 4 hours. Discussions and laboratories addressing the status of the greenhouse industry with emphasis on locations, plans, structures and markets as applicable to the commercial crops of greenhouses. The economics and practices of greenhouse operations as related to controlled environment structures as well as propagation methods for commercial greenhouse crops. Spring odd years.

HORT 2230 GOLF TURF INTERNSHIP (EXPERIENTIAL LEARNING). 12 hours. On job training for students in Golf Turf Management. Orientation session must be completed prior to placement. Detailed worksheet and project assignment to be completed during placement. Critical and rational thinking skills and problem-solving abilities will be exercised. Fall, Spring, Summer.

HORT 2231 TURFGRASS SCIENCE AND TECHNOLOGY. 3 hours. Discussions and laboratories addressing turfgrass cultivar and seed identification, selection, and establishment. The primary and secondary cultural practices will be identified and studied. Fall.

HORT 2232 TURF AND ORNAMENTAL PEST MANAGEMENT. 3 hours. Discussions and laboratories addressing turfgrass and ornamental pests. Weed, insect, disease, and nematode management programs will be emphasized. Spring.

HORT 2233 GOLF COURSE DESIGN AND MANAGEMENT. 3 hours. Discussions and laboratories addressing principles and practices in design, development, and management of golf courses. Selection and utilization of turfgrass materials, development of specifications for their nutritional, chemical, and mechanical maintenance, equipment, labor management, and public relations will be discussed. Spring.

HORT 2234 COMMERCIAL TURF MANAGEMENT 3 hours. Discussions and laboratories addressing site preparation and establishment in commercial turfgrass production. Basic and applied management programs, pricing, customer relations, scheduling, and personnel management will be emphasized. Fall.

HORT 2235 COMPUTERIZED GROUNDS MAINTENANCE 3 hours. Discussions and laboratories addressing computerized grounds and golf course management. The GCS for Windows software program will be the basis of this course. Budgets and expenses, inventory and purchase orders, personnel and labor, equipment and maintenance, chemicals and calibrations, schedules and events, irrigation management, and graphics will be discussed. Fall.

HORT 2236 ENVIRONMENTAL ISSUES. 3 hours. Three discussions addressing environmental issues in golf course construction and management, the role and conservation of water resources, environmental impacts of turfgrass fertilization and pesticides, development of integrated management systems for turfgrasses, wildlife and golf courses, wetlands and golf courses, and aquatic and terrestrial toxicities. Fall.

HORT 2237 SPORTS TURF MANAGEMENT. 3 hours. Discussions and laboratories addressing installation and maintenance of all sports and athletic fields. Emphasis will be placed on the development of maintenance plans, problem solving and event scheduling. Spring.

HORT 2238 FUNDAMENTALS OF GRINDING TECHNOLOGY. 3 hours. Discussion and laboratories addressing proper blade, reel, and bedknife grinding and maintenance. Competencies will be identified and assessed through each technology and grinding application. Students will be exposed to multiple techniques and grinding procedures. Fall and Spring.

HORT 2239 GROUNDS IRRIGATION SYSTEMS. 3 hours. Discussions and laboratories addressing turfgrass and landscape irrigation systems including basic installation, repairs, and troubleshooting. Fall and

Spring.

HORT 2240 GROUNDS INTERNSHIP (EXPERIENTIAL LEARNING). 12 hours. On job training for students in Landscape Management. Orientation session must be completed prior to placement. Detailed worksheet and project assignment to be completed during placement. Critical and rational thinking skills and problem-solving abilities will be exercised. Fall, Spring, Summer.

HORT 2241 GROUNDS MANAGEMENT. 4 hours. Discussions and laboratories addressing principles in selection, establishment and maintenance of ornamental trees, shrubs, groundcovers, lawns, and flower areas. Planting procedures, pruning, mulching, fertilization, bracing, cabling, and bark and cavity repair will be discussed. Fall.

HORT 2250 COMMERCIAL TURF INTERNSHIP (EXPERIENTIAL LEARNING). 12 hours. On job training for students in Commercial Turf Management. Orientation session must be completed prior to placement. Detailed worksheet and project assignment to be completed during placement. Critical and rational thinking skills and problem-solving abilities will be exercised. Fall, Spring, Summer.

HORT 2260 SPORTS TURF INTERNSHIP (EXPERIENTIAL LEARNING). 12 hours. On job training for students in Sports Turf Management. Orientation session must be completed prior to placement. Detailed worksheet and project assignment to be completed during placement. Critical and rational thinking skills and problem-solving abilities will be exercised. Fall, Spring, Summer.

HORT 2261 NURSERY CROP PRODUCTION. 4 hours. Discussions and laboratories addressing production of nursery crops, labor and sales management, retail and wholesale nurseries, location, layout, equipment, and facilities as well as propagation methods used for woody ornamentals. Spring even years.

HORT 2270 WOODY ORNAMENTAL PLANT IDENTIFICATION. 3 hours. Discussions and laboratories addressing the cultural practices and landscape values of woody ornamental plant materials. Laboratory practices will include identification of plants commonly used in landscape planting. Fall and Spring.

HORT 2271 HERBACEOUS ORNAMENTAL PLANT IDENTIFICATION. 3 hours. Discussions and laboratories addressing the identification of common and outstanding herbaceous ornamentals. Cultural practices and landscape values of herbaceous ornamentals will be discussed. Spring.

HORT 2280 INTERNSHIP II (EXPERIENTIAL LEARNING) 12 hours. Advanced on job training for students in Environmental Horticulture needing further industry experience. Orientation session must be completed prior to placement. Detailed worksheet and project assignment to be completed during placement. Critical and rational thinking skills and problem-solving abilities will be exercised. Fall, Spring, Summer.

HORT 3230 INSECT AND NEMATODE MANAGEMENT. 3 hours. Prerequisite: HORT 2232. Managing turfgrass insect and nematode pests, insect and nematode biology and identification, detection and monitoring, safeguarding the environment, integrated insect and nematode management, cultural and biological management, insect and nematode specificity, nuisance pests, innocuous invertebrates, beneficial invertebrates, managing nuisance wildlife problems in the turfgrass environment. Fall.

HORT 3240 WEED MANAGEMENT. 3 hours. Prerequisite: AGRP 1125 or HORT 2232. Managing turfgrass weeds, weed life cycles and identification, safeguarding the environment, weed specificity, grass and grass-like plants, broadleaf plants, herbicide selectivity and specificity, cultural and biological management, plant growth regulators, and integrated weed management programs will be discussed. Spring.

HORT 3250 TURFGRASS DISEASES. 3 hours. Prerequisite: HORT 2232. Managing turfgrass diseases, diseases of warm season turfgrasses, diseases of cool season turfgrasses, diseases common to all turfgrasses, diseases in the transition zone, epidemiology, sampling, diagnosis, signs and symptoms, cultural and biological management, and integrated disease management programs. Spring.

HORT 3310 BEST MANAGEMENT PRACTICES IN TURFGRASS. 3 hours. Prerequisite: HORT 2231 and HORT 2239. Best management practices in turfgrass selection, soil practices, understanding soil physics, construction and establishment, fertilization, irrigation, turfgrass management, pest management and control, pesticide and nutrient management, handling and storage practices, and integrated management practices will be discussed. Fall.

HORT 3500 EXPERIENTIAL LEARNING I IN GOLF COURSE. 2 hours. Prerequisite: HORT 2233. Experiential learning at the campus golf course (Forest Lakes Golf Club) allowing the student to apply learned technical knowledge and experience "on course" activities related to management of golf courses. If sports turf or commercial turf, then selected sites will be provided. Spring.

HORT 3510 SOIL MANAGEMENT. 3 hours. Prerequisite: AGRY 2020. Management of soils used in turfgrass, vegetable and crop production. Topics include Soil Use, Alkaline/Acid Soils, Salt-affected Soils, Soil Conservation, Problem Soils, Fertilizers, and Fertility Programs. Fall.

HORT 3520 COMPUTATIONS IN TURFGRASS MAINTENANCE. 2 hours. Prerequisite: HORT 2231 and MATH 1002. Area measurement calculations, volume calculations, fertilizer and pesticide calculations, spreader

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and sprayer calibrations, seeding rate calculations, and integrated computations in turfgrass maintenance will be discussed. Spring.

HORT 4320 MANAGEMENT OF BERMUDAGRASS AND BENTGRASS. 3 hours. Prerequisite: HORT 2231 and HORT 2233. Bermudagrass and bentgrass characteristics, golf green construction and establishment, managing golf greens and athletic fields, bermudagrass winterkill, bentgrass summer stresses, other selected stresses and maladies, chemical usage and programs, and integrated strategies will be discussed. Spring.

HORT 4330 GOLF COURSE CONSTRUCTION, RENOVATION AND GROW-IN. 3 hours. Prerequisite: HORT 2231 and HORT 2233. Management concerns, environmental issues, design interpretation, planting details, agronomic concerns, soil physics and chemistry, as-built plans, cultural practices, erosion and sediment control, cultural program establishment, grow-in specificity and special needs, renovation, and specialized areas of concern will be discussed. Spring.

HORT 4500 EXPERIENTIAL LEARNING II IN GOLF COURSE. 2 hours. Prerequisite: HORT 2233. Advanced experiential learning at the campus golf course (Forest Lakes Golf Club) allowing the student to apply learned technical knowledge and experience "on course" activities related to management of golf courses. If sports turf or commercial turf, then selected sites will be provided. Spring.

HORT 4610 TURFGRASS RESOURCES. 3 hours. Prerequisite: HORT 2233 AND MGMT 2167. Management framework, organizational structure, staffing and directing in human resources, financial management, financial statements, recordkeeping, golf course operations schedule, budgets, leasing and procuring equipment, procuring supplies, investment protection, tournament planning, and sponsorship recruitment. Fall.

HORT 4700 INTERNATIONAL EXPERIENTIAL LEARNING. 3 hours. Prerequisite: Approval by Selection Committee. This course is designed to allow students in the Environmental Horticulture program the opportunity to study, experience and learn in an organized and structured international environment. Critical and rational thinking skills and problem-solving opportunities will be exercised. Students will be accompanied by a college faculty member throughout the tenure of the study which will include both classroom presentations and site observations in turfgrass and grounds applications in this foreign setting. As needed.

HUMN 1100 TOPICS IN THE HUMANITIES. 1 hour. An exploration of issues and ideas related to the study and/or practice of the humanities in the contemporary world. Topics will vary. Fall, Spring.

HUMN 2221 WESTERN WORLD HUMANITIES I. 3 hour. Designed to foster in the student some knowledge and appreciation of literature, music, painting, sculpture, and architecture in the following art periods: Greek, Roman, early Christian, Romanesque, Gothic, and Renaissance. Fall, Spring, Summer.

HUMN 2222 WESTERN WORLD HUMANITIES II. 3 hour. Designed to foster in the student some knowledge and appreciation of literature, music, painting, sculpture, and architecture in the following art periods: Baroque, Rococo, Classic, Romantic, and Twentieth Century. Fall, Spring, Summer.

ISCI 2001 LIFE AND EARTH SCIENCE FOR ELEMENTARY TEACHERS. 3 hours. Prerequisite: PHSC 1011, 1011L and MATH 1101 or 1111 with a grade of "C" or better. This is an Area F science course for early childhood education majors. The learning outcome and topics of the course are intended to focus on central themes in life and earth science. Themes include: Characteristics of life, cells, heredity, biodiversity, interdependence of life, energy flow, earth systems, lithosphere, hydrosphere and biosphere. This is an activity based class with two hours of lecture and two hours of lab integrated together. Fall, Spring and Summer as needed.

ISCI 2002 PHYSICAL SCIENCE FOR ELEMENTARY TEACHERS. 3 hours. Prerequisite: PHSC 1011, 1011L and MATH 1011 or 1111 with a grade of "C" or better. This course is an Area F science course for early childhood education majors. The learning outcomes and topics of the course are intended to focus on central themes in physical science. Themes include: matter, energy, forces, electromagnetic/gravitational fields and astronomy. This is an activity based class with two hours of lecture and two hours of lab integrated together. Fall, Spring and Summer as needed.

ITEC 2215 INTRODUCTION TO INFORMATION TECHNOLOGY. 3 hours. Prerequisite: CISM 2201 with minimum grade of "C" or approval of instructor. This is an introduction to the nature and applications of Information Technology. Students become familiar with the concepts and terminology of IT, including hardware, software, networks, databases, and the Internet. They also study examples of ways in which tools of IT are applied in the workplace. Fall.

ITEC 2220 MICROCOMPUTER HARDWARE AND SOFTWARE CONCEPTS. 3 hours. Prerequisite: A basic knowledge of computer applications. This course will provide coverage of the functions and architecture of computer hardware; operating system functions, installation, and configuration; and extensive hands-on experience in computer set-up, operation and maintenance. A student passing both parts of the A+ Certification Exam may receive credit by exam for this course. Fall.

ITEC 2230 ADVANCED OFFICE APPLICATIONS. 3 hours. Prerequisite: CISM 2201 with a minimum grade of "C". This course is designed to develop a student's advanced word processing skills in the areas of macros, document merging, graphics, and desktop design. Additionally, advanced spreadsheet skills will be covered including data tables, data management, and macros. Focus will be placed on the integration of output from one software program to another. Students passing both expert level MOUS (Microsoft Office User Specialists) exams in Excel 2000 and Word 2000 may receive credit by exam for this course. Spring.

ITEC 2236 INTRODUCTION TO MULTIMEDIA FOR THE WEB. 3 hours. Prerequisite: CISM 2201 with minimum grade of "C". Basic design principles and tools for creating multimedia web sites including coverage of techniques for capturing, editing, storing, and retrieving content for presentation and web delivery of video. Spring.

ITEC 2245 MICROCOMPUTER DATABASE MANAGEMENT. 3 hours. Prerequisite: CISM 2201 with minimum grade of "C". This course will cover the principles and practices in information modeling and database design; methods to analyze information requirements, devise data models, construct schemas and implement models within common database management software; use of DBMS software to create databases, perform queries, produce reports and perform standard maintenance functions. Students passing the MOUS (Microsoft Office User Specialist) exam in Access 2000 may receive credit by exam for this course. Spring.

ITEC 2260 COMPUTER PROGRAMMING I. 3 hours. Prerequisite: CISM 2201 with minimum grade of "C". Students learn to write modular, well-documented programs. Topics begin with an overview of problem-solving methods, algorithms, modules, program flow, flowcharting, pseudo-code, and documentation. This is followed by instruction in data types and basic control structures, including loops, conditionals, arrays, subroutines, files, and records. Weekly programming assignments employ these features as they are introduced. Fall.

ITEC 2261 WEB APPLICATIONS DEVELOPMENT. 3 hours. Prerequisite: CISM 2201 with minimum grade of "C". This course is a survey of techniques and tools for developing Web-based information processing applications; page description languages, scripting languages, data structuring languages, file and database access methods and other technologies for creating dynamic, data-driven web sites. Fall.

ITEC 2370 COMPUTER PROGRAMMING II. 3 hours. Prerequisite: ITEC 2260 with a minimum grade of "C". This course introduces advanced Visual Basic controls and programming techniques that are used in developing high-level windows applications. Topics include: advanced database handling; data validation routines; error handling procedures; keyboard events; developing menus, toolbars, and status bars; drag and drop events; graphics and animation handling; ActiveX controls; dynamic link libraries (DLL); object linking and embedding (OLE); and object oriented (OO) techniques.

JRNL 1100A, JOURNALISM SEMINAR. 1 hour. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. Practical application and study of journalistic techniques in the production and operation of student literacy magazine Pegasus. The equivalent of at least twenty internship-oriented hours must be logged by the student each semester. Fall, Spring.

JRNL 1100B, JOURNALISM SEMINAR. 1 hour. Practical application and study of journalistic techniques in production work with ABAC's student radio station, WPLH 103.1 FM. The equivalent of twenty internship-oriented hours must be logged by the student each semester. Fall, Spring.

JRNL 1100C, NEWSPAPER PRACTICUM. 1 hour. Prerequisite: By instructor approval, and exemption from or successful completion of READ 0099 and ENGL 0099. Practical application and study of journalistic techniques in the production and operation of student newspaper The Stallion. The equivalent of at least twenty internship-oriented hours must be logged by the student each semester. Fall, Spring.

JRNL 1101 INTRODUCTION TO MASS MEDIA. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. This course will cover the history, theory, technologies and practices associated with the mass media industries of the print media (newspaper, books, and magazines), the electronic media (movies, television, radio, Internet and cable and the services that are interconnected to the mass media (public relations and advertising). The course will examine the impact these media have upon society and the impact society has upon them, and will explore the ethical and legal issues that impact modern media. Fall.

JRNL 2101 MEDIA, CULTURE AND SOCIETY. 3 hours. Prerequisite: JRNL 1101 with a grade of "C" or better, or instructor approval. A review of the ways in which mass media has transformed individuals, politics, and society. This course will assess current debate over the role of the media in society and emphasize the arguments and strategies of argument. Using both current and classic examples regarding ethical considerations arising from the connection between media and culture, students will also learn strategies used in decision-making. Fall.

JRNL 2510 NEWS WRITING AND REPORTING. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. Co-requisite: ENGL 1101 (or previous successful completion with a grade of "C" or better). A study and practical application of basic news reporting, writing, editing,

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photojournalism, and design techniques for the print media. Spring.

MATH 0091 MATHEMATICS FOR NURSING. 1 hour. A study of fractions, decimals, metric and U.S. measures, ratio and proportion, and percentages. Required of a Nursing major scoring below an established cut-off score on the pre-algebra placement exam. MATH 0091 is the course that prepares a student for PNUR 1104. Fall, Spring, Summer.

MATH 0097 BEGINNING ALGEBRA. 4 hours. Emphasis is placed on those topics of beginning algebra and the fundamentals of basic algebra. Required of a student scoring below an established cut-off score on the placement exam. Fall, Spring, Summer

MATH 0099 INTRODUCTORY ALGEBRA. 4 hours. Prerequisite: MATH 0097 with a grade of "C" or better, or a satisfactory score on the MATH 0097 exemption test. A short review of beginning algebra followed by additional algebra topics including real number operations on algebraic expressions, algebraic fractions, exponents and radicals, graphing equalities and inequalities. Fall, Spring, Summer.

MATH 1101 MATHEMATICAL MODELING. 3 hours. Prerequisite: Exemption from or successful completion of MATH 0099 and READ 0099. This course is an introduction to mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of elementary functions to investigate and analyze applied problems and questions, supported by the use of appropriate technology, and on effective communication of quantitative concepts and results. Fall, Spring, Summer as needed.

MATH 1111 COLLEGE ALGEBRA. 3 hours. Prerequisite: Exemption from or successful completion of MATH 0099 and READ 0099. Three hours of lecture each week. This course is a functional approach to algebra that incorporates the use of appropriate technology. Emphasis will be placed on the study of linear, quadratic, piece-wise defined, rational, polynomial, exponential and logarithmic functions, their graphs and applications. Fall, Spring, Summer.

MATH 1112 TRIGONOMETRY. 3 hours. Prerequisite: Exemption from or successful completion of MATH 0099; and MATH 1111 with a grade of C or better or exemption from MATH 1111. Three hours of lecture each week. A study of the trigonometric functions and their inverses, further study of complex numbers. Fall, Spring, Summer as needed.

MATH 1113 PRE-CALCULUS MATHEMATICS. 4 hours. Prerequisite: Exemption from or successful completion of MATH 0099; and High School Trigonometry and MATH 1111 exemption; or High School Trigonometry and MATH 1111 with a grade of "C" or better; or score on placement test. This course is designed to prepare students for calculus, physics, and related technical subjects. Topics include an intensive study of algebraic and transcendental functions and analytic geometry. Fall, Spring.

MATH 2000 STATISTICS. 3 hours. Prerequisite: Exemption from or successful completion of MATH 0099; and MATH 1101 or MATH 1111 with a grade of "C" or better or exemption. Three hours of lecture each week. An introduction to basic descriptive and inferential statistics. Includes measures of central tendency, variability and position; statistical graphs including the stem and leaf plot, box plot, dot plot, frequency polygon, histogram, circle graph, and ogive; confidence intervals, hypothesis testing, and other applications involving the binomial, normal, t, chi-square, and F-distributions; and correlation and regression analysis. The emphasis is on applications rather than on mathematical theory, and both calculator and computer techniques will be stressed. Fall, Spring, Summer as needed.

MATH 2003 APPLIED CALCULUS. 3 hours. Prerequisite: Exemption from or successful completion of MATH 0099; and MATH 1111 with a grade of C or better or exemption from college algebra. Three hours of lecture each week. An overview of analytical geometry and an introduction to calculus with application to problems in business, economics, and social science. Among topics included are analysis and applications of linear and polynomial functions, analysis and applications of differentiation, and analysis and applications of exponential and logarithmic functions. The course is designed for business majors and is not acceptable for science or mathematics majors. Spring.

MATH 2008 FOUNDATIONS OF NUMBERS AND OPERATIONS. 3 hours. Prerequisite: Minimum grade of "C" or better in either MATH 1101, 1111, or 1113. This course is an Area F introductory mathematics course for early childhood education majors. This course will emphasize the understanding and use of the major concepts of numbers and operations. As a general theme, strategies of problem solving will be used and discussed in the context of various topics. Credit for this course is excluded from Area D of the Core Curriculum, and excluded from any Career Technological degree program. Fall, Spring, Summer.

MATH 2053 CALCULUS I. 4 hours. Prerequisite: Exemption from or successful completion of MATH 0099; and MATH 1112 or MATH 1113 with a grade of C or better, or score on placement test. Four hours of lecture/demonstration each week. A first course in the techniques and theory of the calculus. Topics include: limits, continuity, differentiation and integration, applications of the derivative and the integral. Fall, Spring, Summer as needed.

MATH 2054 CALCULUS II. 4 hours. Prerequisite: Exemption from or successful completion of MATH 0099; and MATH 2053 with a grade of C or better. Four hours of lecture/demonstration each week. Topics

include further study of applications of derivative and integral, transcendental functions, polar coordinates, conic sections, infinite series. Fall, Spring.

MATH 2055 CALCULUS III. 4 hours. Prerequisite: Exemption from or successful completion of MATH 0099; and MATH 2054 with a grade of C or better. Four hours of lecture/demonstration each week. Topics in real-valued functions of several variables, including vector calculus, three-dimensional analytic geometry, partial differentiation, elementary linear algebra, vector spaces, three dimensional geometry, multiple integration and applications. Spring.

MATH 2208 INTRODUCTION TO LINEAR ALGEBRA. 3 hours. Prerequisite: Exemption from or successful completion of MATH 0099; and Minimum grade of 'C' in MATH 2053 or MATH 2003 or exemption. Three hours of lecture each week. Study of systems in linear equations, matrices, determinant, linear transformations, vector spaces, least squares, and eigenvectors and eigenvalues. Spring.

MGMT 2165 FUNDAMENTALS OF MANAGEMENT. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. This course is designed to give a student the knowledge of the applied management techniques, practices, and principles that are universally accepted in contemporary business. Emphasis is placed on the decision-making process and to solve management problems of planning, organizing, staffing, directing and controlling. As needed.

MGMT 2166 SMALL BUSINESS MANAGEMENT. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099, ENGL 0099, and MATH 0099. A study of various small business patterns designed to acquaint students with the problems and procedures of starting a business venture. Strong emphasis will be placed on entrepreneurial opportunities and new venture processes, as well as coverage of managerial activities needed for successful operation of small firms. As needed.

MGMT 2167 HUMAN RESOURCE MANAGEMENT. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. Includes an introduction to the nature of employer/employee relationships, a study of contemporary human relations techniques employed by business managers, as well as a survey of the primary functions of personnel administration including recruiting, selection, interviewing, training, testing, and supervision. As needed.

MGMT 3670 HUMAN RESOURCE MANAGEMENT. 3 hours. Prerequisite: ACCT 2101. The recruitment, selection, development, utilization, and maintenance of human resources by organizations. Traditional management, total quality management, service management, human resource management focusing on designing, planning, scheduling, executing, controlling, and assessing personnel will be discussed. Formerly course number MGMT 4167. Fall odd years.

MGMT 4260 SMALL BUSINESS MANAGEMENT. 3 hours. Prerequisite: ACCT 2101. Entrepreneurship and service sector performance and methods designed to improve service sector competitiveness. The service operations management decisions in service business in relation to productivity, quality, work force management, location, capacity, and the effect of new technologies will be discussed. Formerly course number MGMT 4166. Spring even years.

MKTG 2175 PRINCIPLES OF MARKETING. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. Principles and methods involved in the movement of goods and services from producer to consumer. Market institutions and functions are discussed. Special attention to problems encountered in managing the Marketing Mix. As needed.

MKTG 2176 ADVERTISING AND SALES PROMOTION. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. Designed to acquaint the student with all phases of sales promotion, advertising, display, direct mail, radio, and TV. Actual practice in developing material in accordance with modern technique. As needed.

MKTG 2177 PERSONAL SELLING. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. Designed to develop persuasive oral communication skills and their practical application to the basic principles of selling. The study of product information and its presentation, determination of customer needs, buying motives, customer analysis, opportunities in selling and personality requirements of salespeople. As needed.

MKTG 3800 PRINCIPLES OF MARKETING. 3 hours. Prerequisite: AECO 2258 or ECON 2106. The ways organizations satisfy consumer and organizational needs and wants for products and services. Markets; buyer behavior; marketing research; segmenting, targeting, and positioning; and product, place, price, and promotional strategies. Concepts, strategies, applications, and marketing methods used to generate revenues in domestic and global settings. Spring odd years.

MUSC 1000 KEYBOARDS NON-MAJOR. 2 hours. Basic, progressive instruction in keyboarding instruments. Designed for a student not majoring in music and who may not take MUSC 1001. Fall, Spring.

MUSC 1001 KEYBOARDS MUSIC MAJORS ONLY. 2 hours. Basic, progressive instruction in keyboard instruments. Fall, Spring.

MUSC 1100 MUSIC APPRECIATION. 3 hours. Prerequisite: Exemption from or successful completion of

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READ 0099 and ENGL 0099. An introduction into the basics of music and a study of masterpieces of music literature, as well as a brief overview of the history of music. This course is designed for those individuals who have little background or basic knowledge of music. Fall, Spring, Summer.

MUSC 1134 ELEMENTARY MUSIC THEORY. 2 hours. Prerequisite: Exemption from or successful completion of MATH 0099. Pitch, meters, scales, modes, keys, intervals, triads and seventh chords, elementary diatonic harmony, composition of melody and bass lines; melodic and rhythmic dictation and solfeggio; elementary keyboard skills. Students should already be proficient at reading music. Three lectures and two ear training/keyboard labs per week. Fall.

MUSC 1135 ELEMENTARY MUSIC THEORY. 2 hours. Prerequisite: MUSC 1134. Continuation of written harmony through extended alteration of tertian harmony and modulation, secondary dominants; analysis and composition of simple musical forms; continuation of dictation, solfeggio, and keyboard harmony. Three lectures and two ear training/keyboard labs per week. Spring.

MUSC 1181 A, B APPLIED MUSIC. 1 hour. One 30-minute lesson a week in piano, organ, other instrument or voice. Designed for a music major taking a secondary applied. Fall, Spring.

MUSC 1182 A, B APPLIED MUSIC. 2 hours. One 50-minute lesson a week in piano, organ, other instrument or voice. Designed for a music major taking a principal applied. For a music major only. Fall, Spring.

MUSC 2234 ADVANCED MUSIC THEORY. 2 hours. 2 lab hours per week. Prerequisite: MUSC 1100. Melodic and harmonic material, analysis of small forms (binary and ternary) with harmonic analysis involving primary and secondary chords and including chromaticism and modulation; altered chords and their functions. The Music computer lab consists of ear-training, melodic and rhythmic dictation, sight-singing and basic keyboard harmony. Required of all students majoring in music. Three lectures and two ear training/keyboard labs per week. Fall.

MUSC 2235 ADVANCED MUSIC THEORY. 2 hours. Neapolitan and augmented chords, chromatic chord forms (chromatic mediant, altered dominant, and borrowed chords), advanced modulation, advanced form (rondo and sonata-allegro), contemporary techniques, including extended chords, quartal and secondary harmony, twelve-tone rhythmic devices, sight-singing, eartraining, keyboard harmony, and analysis. Continuation of creative work. Spring.

MUSC 2080 CONCERT BAND. 1 hour. Open to any student who has been a member of a junior or senior high school band. Fall, Spring.

MUSC 2281 A, B, C, D, E, F APPLIED MUSIC. 1 hour. One 30-minute lesson a week in piano, organ, other instrument or voice. Designed for a music major taking a secondary applied. Fall, Spring.

MUSC 2282 A, B, C, D, E, F APPLIED MUSIC. 2 hours. One 50-minute lesson a week in piano, organ, other instrument or voice. Designed for a music major taking a principal applied. For a music major only. Fall, Spring.

MUSC 2287 JAZZ CHOIR. 1 hour. Open to any student who is a member of the chorus and who can qualify. Fall, Spring.

MUSC 2090 CONCERT CHOIR. 1 hour. Open to any student who has been a member of a school or church choir. Fall, Spring.

MUSC 2290 JAZZ ENSEMBLE. 1 hour. Open to any student who is a member of the concert band and who can qualify. Gives a student the opportunity to experience all types of jazz musical styles (blues, swing, rock, and improvisation) through the actual playing of instruments in a small ensemble. Audition required. Fall, Spring.

MUSC 2291 SMALL GROUP ENSEMBLE. 1 hour. Open to any student who can sing or suitably play a musical instrument. Audition Required. Fall, Spring.

MUSC 3400 THE BLUES AND AFRICAN AMERICAN TRADITION. 3 hours. Proposed Course. A lecture course focusing on a study of the development of American blues music, with particular attention to the rural roots of the genre. Possible topics include Delta Blues, W.C. Handy, Robert Johnson, Blues mythology.

MUSC 4400 MUSIC OF THE APPALACHIANS. 3 hours. Proposed Course. A lecture course exploring the rich tradition of bluegrass and country music. The course focuses on the development of this music, taking into account its various genres and guises, its genesis and history, and its contemporary development. Attention also will be paid to the Irish/Celtic underpinnings of the music.

NURS 1108 NURSING I- FUNDAMENTALS. 6 hours. Co-requisite: NURS 1109. This course is a study of the concepts and psychomotor skills that provide the foundation for nursing theory and practice. A major focus is on the utilization of the nursing process to care for clients from young adulthood through later maturity who require assistance in meeting physiological and psychosocial needs. Lecture/Lab/Clinical (4-2-4). Fall, Spring

NURS 1109 NURSING II- HEALTH & PHYSICAL ASSESSMENT. 3 hours. Co-requisite: NURS 1108. This course is a study of the basic skills that provide the foundation for nursing assessment. The major focus of this course is on physical assessment of all body systems. Nutritional and psychosocial assessment is included. Lecture/Lab (3-1-0). Fall, Spring.

NURS 1110 NURSING III- MEDICAL/SURGICAL ONE. 6 hours. Prerequisite: NURS 1108 & 1109 with a C or better. Co-requisite: BIOL 2012 & BIOL 2012 L. This course is a study of the perioperative client and clients with gastrointestinal, musculoskeletal, respiratory, cardiovascular, immunological, neurological, and psychosocial dysfunctions. The major focus of this course is on utilization of the nursing process to care for clients experiencing these dysfunctions. Lecture/Lab/Clinical (4-1-5). Fall, Spring.

NURS 1113 NURSING IV- HEALTH PROMOTION AND DISEASE PREVENTION THROUGH THE LIFESPAN. 2 hours. Prerequisite: 1108 & 1109 with a c or better. Co-requisite: NURS 1110, BIOL 2012 & BIOL 2012L. The nursing process is utilized to address health promotion and disease prevention for all ages and population groups – individuals, families and communities. Normal growth and development as well as specific problems and health promotion issues common to each stage is discussed. Lecture (2-0-0). Fall, Spring.

NURS 2207 NURSING V- MEDICAL/SURGICAL TWO. 6 hours. Prerequisite: NURS 1110, NURS 1113 & BIOL 2050/BIOL 2050L with a C or better. Co-requisite: NURS 2208. This course is a study of clients with cardiovascular, endocrine, gastrointestinal, genitourinary, immunological, neurological, and psychosocial dysfunctions. The major focus of this course is on utilization of the nursing process to care for clients experiencing these dysfunctions. Lecture/Clinical (4-0-6). Fall, Spring.

NURS 2208 NURSING VI- MATERNAL-CHILD & WOMEN'S HEALTH. 4 hours. Prerequisite: NURS 1110, NURS 1113 & BIOL 2050/BIOL 2050L with a C or better. Co-requisite: NURS 2207. This course is a study of female clients from adolescence through later maturity and newborn infants. The major focus of this course is on utilization of the nursing process to care for maternity clients, newborn infants and clients experiencing dysfunctions specific to females. Lecture/Clinical (3-0-3). Fall, Spring.

NURS 2209 NURSING VII- PEDIATRICS. 4 hours. Prerequisite: NURS 2207 & 2208 with a C or better. Co-requisite NURS 2210 & NURS 2211. This course is a study of the nursing care of culturally diverse pediatric clients from infancy through adolescence with an emphasis upon wellness and dysfunctions. The major focus of this course is on the utilization of the nursing process to meet the wellness, physiological, and psychosocial needs of pediatric clients. Lecture/Clinical (3-0-3). Fall, Spring.

NURS 2210 NURSING VIII- MEDICAL/SURGICAL THREE. 4 hours. Prerequisite: NURS 2207 & 2208 with a C or better. Co-requisite: NURS 2209 & 2211. This course is a study of clients with cardiovascular, endocrine, genitourinary, immunological, neurological, integumentary, musculoskeletal, respiratory, and psychosocial dysfunctions. The major focus of this course is on utilization of the nursing process to care for clients experiencing complex and/or multiple dysfunctions. Lecture/Clinical (3-0-3). Fall, Spring.

NURS 2211 NURSING IX- ENTRY INTO PROFESSIONAL PRACTICE. 3 hours. Prerequisites: NURS 2207 & 2208 with a C or better. Co-requisite: NURS 2209 & 2210. This course is a study of the leadership and management component of registered nursing. The student learns to synthesize and apply previously learned theories and principles to client situations involving a variety of ages, cultures and situations. The leadership/manager role of the registered nurse is addressed. Employability skills are discussed. Lecture/Clinical (2-0-3). Fall, Spring.

NURS 1109B NURSING I- HEALTH & PHYSICAL ASSESSMENT. 3 hours. Co-requisite: NURS 1115B. A study of the basic skills that provide the foundation for nursing assessment. The major focus of this course is on physical assessment of all body systems. Nutritional, psychosocial and community assessment are included. Labs build on students' prior knowledge and experience of physical assessment. Lecture/Lab (3-1-0). Summer.

NURS 1115B NURSING II- TRANSITION TO ASSOCIATE DEGREE NURSING. 3 hours. Co-requisite: NURS 1109B. The major focus of this course is on role transition and selected concepts from nursing courses offered during the first year of nursing. It fosters matriculation into the second year of the Associate in Science in Nursing Program. The clinical and skills lab experience builds on prior healthcare experience and involves a community project. Lecture/Lab/Clinical (3-1-2). Summer.

NURS 2207B NURSING III- MEDICAL/SURGICAL TWO. 6 hours. Prerequisite: NURS 1109B, NURS 1115B & BIOL 2050/BIOL 2050L with a C or better. Co-requisite: NURS 2208B. This course is a study of clients with cardiovascular, endocrine, genitourinary, immunological, neurological, and psychosocial dysfunctions. The major focus of this course is on utilization of the nursing process to care for clients experiencing these dysfunctions. Clinical activities build on prior healthcare experience and incorporate a community project follow-up. Lecture/Lab (4-0-6). Fall.

NURS 2208B NURSING IV- MATERNAL-CHILD & WOMEN'S HEALTH. 4 hours. Prerequisite: NURS 1109B, NURS 1115B & BIOL 2050/BIOL 2050L with a C or better. Co-requisite: NURS 2207B. This course is a study of female clients from adolescence through later maturity and newborn infants. The major focus of

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this course is on utilization of the nursing process to care for maternity clients, newborn infants and clients experiencing dysfunctions specific to females. A project involving cultural implications is included. Lecture/Lab (3-0-3). Fall.

NURS 2209B NURSING V- PEDIATRICS. 4 hours. Prerequisite: NURS 2207B & 2208B with a C or better. Co-requisite NURS 2210B & 2211B. This course is a study of the nursing care of culturally diverse pediatric clients from infancy through adolescence with an emphasis upon wellness and dysfunctions. The major focus of this course is on the utilization of the nursing process to meet the wellness, physiological, and psychosocial needs of pediatric clients. Clinical experience incorporates preceptorships along with instructor guided activities. Lecture/Clinical (3-0-3). Spring.

NURS 2210B NURSING VI- MEDICAL/SURGICAL THREE. 4 hours. Prerequisite: NURS 2207B & 2208B with a C or better. Co-requisite: NURS 2209B & 2211B. This course is a study of clients with cardiovascular, endocrine, genitourinary, immunological, neurological, integumentary, musculoskeletal, respiratory, and psychosocial dysfunctions. The major focus of this course is on utilization of the nursing process to care for clients experiencing complex and/or multiple dysfunctions. Clinical experience incorporates preceptor experiences and includes evaluation of community project. Lecture/Clinical (3-0-3). Fall, Spring.

NURS 2211B NURSING VII- ENTRY INTO PROFESSIONAL PRACTICE. 3 hours. Prerequisite: NURS 2207B & 2208B. Co-requisite: NURS 2209B & 2210B. This course is a study of the leadership and management component of registered nursing. The student learns to synthesize and apply previously learned theories and principles to client situations involving a variety of ages, cultures and situations. The leadership/manager role of the registered nurse is addressed. Employability skills are discussed. Clinical builds on prior health care experience. Lecture/Clinical (2-0-3). Fall, Spring.

PHED 1000 ADAPTIVE PHYSICAL EDUCATION I. 1 hour. Medical release and physician's verification of physical limitations are required. The course includes screening and assessment to provide individualized programming. The needs of the student will be used to establish a personalized training program. As needed.

PHED 1001 ADAPTIVE PHYSICAL EDUCATION II. 1 hour. Medical release and physician's verification of physical limitations are required. This course is a continuation of Adaptive Physical Education I. As needed.

PHED 1100 HEALTH & WELLNESS. 2 hours. Designed to provide the student with knowledge of current health problems including physical fitness, nutrition, major diseases, and to encourage application of this knowledge for healthful living. Fall, Spring, and Summer.

PHED 1104 TENNIS. 1 hour. A beginning course designed to teach the basic fundamentals of tennis. Rules and strategy will be emphasized. Students are required to furnish their own tennis rackets. Fall, Spring, Summer.

PHED 1106 VOLLEYBALL. 1 hour. Designed to teach the basic skills, strategy and rules. Skills include the different volleys, serving, spiking and blocking. Spring.

PHED 1115 AEROBICS. 1 hour. A course designed to develop cardio-respiratory fitness, muscle strength, muscle endurance, and flexibility through the use of various modes of exercise. As available.

PHED 1120 CHALLENGE COURSE. 1 hour. A class designed to enhance the student's physical fitness through participation in but not limited to cardio games, group initiatives, and individual challenges. Students will develop a game portfolio and make a group initiative. This course is highly recommended for Education majors. Fall.

PHED 1121 YOGA I. 1 hour. A course designed to increase stamina and flexibility and reduce stress through instruction in the various styles and techniques of yoga. As available.

PHED 1122 YOGA II. 1 hour. Prerequisite: PHED 1121 with a grade of C or better. A continuation of Yoga I with the addition of more challenging asanas (poses), pranayama (breathing), meditation and relaxation techniques and more indepth study into the history and philosophy of yoga. As available.

PHED 1123 FITNESS FOR LIFE WEIGHT TRAINING. 1 hour. A course designed for a student interested in improving strength, power, and physical fitness by the use of free weights and weight machines. Fall, Spring, Summer.

PHED 1124 FITNESS FOR LIFE JOGGING. 1 hour. A class designed for the development of skills and strategy in jogging. The student will participate in an exercise program designed to improve cardio respiratory endurance as well as learning basic principles and mechanics. THIS IS NOT A WALKING CLASS. Spring.

PHED 1125 FITNESS FOR LIFE WALKING. 1 hour. A class designed to provide instruction and skill development in fitness walking. The primary focus of the class will be on the enhancement of cardiorespiratory fitness, muscular endurance, and flexibility. Fall, Spring.

PHED 1126 FITNESS FOR LIFE PERSONAL CONDITIONING. 1 hour. A fitness class designed to improve cardiorespiratory fitness, muscular endurance, muscular strength and flexibility through endurance

exercise, resistance training, and stretching. Fall, Spring.

PHED 1130 FITNESS FOR LIFE WATER AEROBICS. 1 hour. A water aerobics class which enhances fitness levels through jogging, calisthenics, and resistance training. Session A Fall.

PHED 1135 RECREATIONAL GAMES. 1 hour. A course designed to enhance the student's physical fitness through participation in various recreational games and sports, such as soccer, team handball, volleyball, and horseshoes. Fall, Spring.

PHED 1137 FITNESS FOR LIFE SWIMMING. 1 hour. This class encompasses instruction in the crawls, side strokes, elementary back stroke, breast stroke, and basic safety and rescue skills. This course is not for the non-swimmer. Session A Fall, Summer.

PHED 1139 GOLF II. 1 hour. Intermediate Golf. Prerequisite: PHED 1141 with a grade of B or better or a 15 or less handicap. A course designed to help a student apply the basic skills learned in PHED 1141 for successful scoring and employment of the game. Further concentration in understanding rules and etiquette will be emphasized. Class is held at Forest Lakes Golf Course. *Students must provide their own transportation to and from the course.* As available.

PHED 1140 BADMINTON. 1 hour. A beginning course designed to teach the basic fundamentals of badminton. Rules and strategy will be emphasized. Students are required to furnish their own badminton rackets. Spring.

PHED 1141 GOLF I. 1 hour. A course which covers basic fundamental skills in golf. Its purpose is to provide each student with a working knowledge of the game. Lecture classes will cover terminology, rules and etiquette. Practical classes will include driving, chipping and putting. Class is held at Forest Lakes Golf Course. *Students must provide their own transportation to and from the course.* As available.

PHED 1145 FRISBEE SPORTS. 1 hour. A class designed to provide the student with basic knowledge of rules, techniques, and strategies of various Frisbee activities and games. Fall, Spring.

PHED 1150 COUNTRY/WESTERN LINE DANCE I. 1 hour. Designed to impart knowledge and skill in country/western line dancing. Classes cover terminology and movements used in various line dances. Fall.

PHED 1151 COUNTRY/WESTERN LINE DANCE II. 1 hour. Prerequisite: PHED 1150 Country/Western Line Dance I with a 'C' or better. Classes cover terminology and movements used in various line dances. As available.

PHED 1155 SOCCER. 1 hour. Designed to provide the student with a working knowledge of soccer through physical conditioning, skill development, and the development of competitive strategies. Spring.

PHED 1160 BOWLING. 1 hour. A course designed for students interested in developing the basic fundamentals of bowling. Skill instruction will cover approach and delivery, strikes, and spares. Classroom instruction will cover scoring and rules. Classes meet at the Tift County Lanes. Students must provide their own transportation to and from the lanes. **Additional fee required.** Fall, Spring.

PHED 1170 FIELD EXPERIENCE. 1 hour. Practical experience through shadowing an ABAC physical education instructor. Students are required to teach a lesson and keep a daily journal of class activities. FOR PHYSICAL EDUCATION MAJORS ONLY. *Registration for this class is done in the HPER Division Office.* Fall, Spring.

PHED 1175 FIRST AID AND CPR. 2 hours. A course designed to teach the skills needed to respond in respiratory and cardiac emergencies, to reduce pain, and to minimize the consequences of injury or sudden illness until professional help arrives. This course satisfies one of the two physical education activity requirements. As available.

PHED 1180 VARSITY SPORTS I. A course restricted to Varsity Athletes only in their sport of participation. Student athletes practice daily during the season. This course offers development of skills and personal potential for student athletes interested in improving their performance or preparing for further competition at the upper collegiate level. *Registration for this class is completed by the coach.* Fall, Spring.

PHED 1190 VARSITY SPORTS II. A continuation of Varsity Sports I. A course restricted to Varsity Athletes only in their sport of participation. Student athletes practice daily during the season. This course offers development of skills and personal potential for student athletes interested in improving their performance or preparing for further competition at the upper collegiate level. *Registration for this class is completed by the coach.* Fall, Spring.

PHSC 1011 PHYSICAL SCIENCE I. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and MATH 0099; and MATH 1101 or 1111 with a grade of C or higher or exemption. Co-requisite: PHSC 1011L. Three hours of lecture each week. A survey course dealing with elementary fundamentals of physical science, especially physics, with some study of the simpler applications. Fall and Summer as needed.

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PHSC 1011L PHYSICAL SCIENCE I LABORATORY. 1 hour. One two-hour laboratory period each week to accompany PHSC 1011. Fall and Summer as needed.

PHSC 1012 PHYSICAL SCIENCE II. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and MATH 0099. Co-requisite: MATH 1101 or 1111; PHSC 1012L. Three hours of lecture each week. A survey course in which chemistry is used to investigate selected topics of current interest, including global warming, ozone depletion, and air and water pollution. The chemistry is introduced on a need to know basis. Emphasis will be placed upon how chemistry impacts everyday life. Spring, Summer as needed.

PHSC 1012L PHYSICAL SCIENCE II LABORATORY. 1 hour. One three-hour laboratory period each week to accompany PHSC 1012. Spring, Summer as needed.

PHYS 1111 INTRODUCTORY PHYSICS I. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099, ENGL 0099, and MATH 0099. Co-requisite: PHYS 1111L. Prerequisite: MATH 1112 or MATH 1113 with a grade of C or higher. Three hours of lecture and one hour of recitation each week. An introductory course which will include material from mechanics, thermodynamics, and waves. Elementary algebra and trigonometry will be used. Fall and Summer as needed.

PHYS 1111L INTRODUCTORY PHYSICS I LABORATORY. 1 hour. One three-hour laboratory period each week to accompany PHYS 1111. Fall and Summer as needed.

PHYS 1112 INTRODUCTORY PHYSICS II. 3 hours. Co-requisite: PHYS 1112L. Prerequisite: PHYS 1111 AND PHYS 1111L with a grade of C or higher. Three hours of lecture and one hour of recitation each week. An introductory course which will include material from electromagnetism, optics, and modern physics. Elementary algebra and trigonometry will be used. Spring.

PHYS 1112L INTRODUCTORY PHYSICS II LABORATORY. 1 hour. One three-hour laboratory period each week to accompany PHYS 1112. Spring.

PHYS 2211 PRINCIPLES OF PHYSICS I. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099, ENGL 0099, and MATH 0099; MATH 2053 with a grade of C or higher. Co-requisite: PHYS 2211L. Three hours of lecture and one hour of recitation each week. An introductory course which will include material from mechanics, thermodynamics, and waves. Elementary differential calculus will be used. Fall.

PHYS 2211L PRINCIPLES OF PHYSICS I LABORATORY. 1 hour. One three-hour laboratory period each week to accompany PHYS 2211. Fall

PHYS 2212 PRINCIPLES OF PHYSICS II. 3 hours. Co-requisite: PHYS 2212L. Prerequisite: PHYS 2211 and PHYS 2211L with a grade of C or higher. Three hours of lecture and one hour of recitation each week. An introductory course which will include material from electromagnetism, optics, and modern physics. Elementary differential and integral calculus will be used. Spring.

PHYS 2212L PRINCIPLES OF PHYSICS II LABORATORY. 1 hour. One three-hour laboratory period each week to accompany PHYS 2212. Spring.

PNUR 1104 PHARMACOLOGY FOR HEALTH PROFESSIONS. 2 hours. Prerequisite: Exemption from or successful completion of MATH 0090. A study of the concepts that promote the administration of medication with concern for safety and precision. Incorporated into this course are major principles of mathematics including fractions, decimals, conversions between the various systems of weights and measures, and the use of ratio and proportion. Foundations of pharmacology, drug action at the physiology level, and drug preparation and administration to culturally diverse clients throughout the lifespan is included. Fall, Spring & Summer as needed.

PNUR 1106 PERSPECTIVES IN WOMEN'S HEALTHCARE. 2 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. A study of the evolution of healthcare related to women's needs. Includes current trends and issues appropriate to social, cultural, and political implications.

PNUR 1108 CULTURAL DIVERSITY IN HEALTH AND ILLNESS. 2 hours. A study of the dimensions and complexities involved in perceptions and health care issues of diverse cultural backgrounds. Cultural phenomena affecting an individual's perception of time, space, communication, social organization, biological variations and environmental controls relative to health and health care issues will be discussed. Fall, Spring.

PNUR 1911 CONCEPTS ENRICHMENT. 2 hours. Prerequisite: NURS 1108 and NURS 1109 with a grade of "C" or better. This course is designed to assist the student to master critical concepts taught in the first two semesters of nursing. Health and physical assessment, health promotion, growth and development, basic nutrition and diet therapy, diagnostic studies, nursing fundamentals and style exam questions and computer assisted tutorials. Fall, Spring.

PNUR 1912 COMPREHENSIVE CONCEPT ENRICHMENT INDEPENDENT STUDY. 4 hours. Prerequisite: NURS

2209/2209B, NURS 2210/2210B, NURS 2211/2211B with a grade of "C" or better. Co-requisite: SCIE 1003 strongly encouraged. This course is designed to assist the student to master major nursing concepts from all the courses in the nursing curriculum. Client need categories and the integrated processes identified by the NCLEX-RN test plan provide the framework for this course. Client need categories include safe, effective care environment, health promotion and maintenance, psychosocial integrity and physiological integrity. Integrated processes include the nursing process, caring, communication, documentation and teaching and learning. Spring and Summer as needed.

POLS 1101 AMERICAN GOVERNMENT. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. An introductory course covering the essential facts of federal, state, and local governments in the United States. The origin, development, organization, and practices of national and state governments will be examined. This course satisfies state law requiring examination on Georgia and United States Constitutions. Fall, Spring, Summer.

POLS 1101H AMERICAN GOVERNMENT (HONORS). 3 hours. An introductory course covering the essential facts of federal, state, and local governments in the United States. The origin, development, organization, and practices of national and state governments will be examined. This course is taught as a seminar and emphasizes greater student interaction. This course satisfies state law requiring examination on Georgia and United States Constitutions. Spring.

POLS 2101 INTRODUCTION TO POLITICAL SCIENCE. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. An introduction to the overall discipline of political science as a field of inquiry. The course surveys the various sub-fields of political science, including American, political philosophy, comparative politics, public administration, and international politics. Fall, Spring.

POLS 2201 STATE AND LOCAL GOVERNMENT. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. An examination of the organization and functions of the state and its political subdivisions. Emphasis is given to the state and local governments of Georgia. Spring.

POLS 2210 AMERICAN CONSTITUTIONAL LAW. 3 hours. Prerequisite: POLS 1101 and HIST 2112 with a grade of "C" or better. Surveys development of American constitutional law from a political and historical perspective using case-analysis approach. Includes the courts and judicial review, authority of Congress in fields of commerce and taxation, Eminent Domain, authority of the president and federal-state relations. Fall.

POLS 2401 GLOBAL ISSUES. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. An examination of current global issues. Topics will include environmental, demographic, economic, and security concerns at the international level. An emphasis will be placed on the relevance of these global issues to the citizens of the state of Georgia. Fall, Spring.

POLS 3000 PROGRESSIVE ERA AND POPULIST THIRD PARTIES. 3 hours. Proposed Course. This course presents the study of the activities of political parties and pressure groups in American politics. Attention is given to party organization and finance, to the electorate, nominating procedures, elections, and campaign techniques.

POLS 3100 CURRENT ISSUES IN RURAL POLICY. 3 hours. Proposed Course. This course examines contemporary economic, social, cultural, and political policy issues affecting rural communities in America. Students are introduced to four general sets of policy challenges that threaten economic, environmental, social, and cultural well-being in rural America. Special emphasis is placed on rural communities' ability to address the forces that are transforming rural places in ways that threaten community viability and well-being.

POLS 3200 GEOPOLITICS OF RURAL AMERICA. 3 hours. Proposed Course. Geopolitics will give students an increased appreciation of the influence of geography on political decision making. This course will help students "visualize" world politics and understand how geography affects both national and international political behaviors. Students will learn to think and write critically about such issues and forces as globalization, development, and conflict. Students will develop an understanding of how interests and perceptions are shaped by geography.

POLS 3370 RELIGION AND SOUTHERN POLITICS. 3 hours. Proposed Course. This course will investigate the interaction of religion and politics in the southern United States from both an historical and contemporary perspective, as well as the role of religion in politics nationwide.

PSYC 1101 INTRODUCTION TO GENERAL PSYCHOLOGY. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. A broad survey of the major topics in psychology including, but not limited to, research methodology, biological and social factors influencing behavior, development, learning, memory, personality, and abnormal behavior/therapy. Fall, Spring, Summer.

PSYC 2101 INTRODUCTION TO THE PSYCHOLOGY OF ADJUSTMENT. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. An introductory examination of the applied psychological theory and research concerning mental health and well being. Personal application is stressed. Fall, Spring.

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PSYC 2103 HUMAN GROWTH AND DEVELOPMENT. 3 hours. Prerequisite: PSYC 1101 with a "C" or better. An introductory, non-laboratory based examination of human development across the life span with an emphasis on normal patterns of physical, cognitive, and social development. Fall, Spring, Summer.

PSYC 2201 INTRODUCTION TO ABNORMAL BEHAVIOR. 3 hours. Prerequisite: PSYC 1101 with a "C" or better. An introduction to clinical procedures involved with assessing, diagnosing, treating and anticipating treatment outcomes for persons with identifiable mental disorders. While the course is text-oriented and based in the vocabulary of the Diagnostic and Statistical Manual of Mental Disorders, a student will also be expected to apply theoretical constructs to case studies. Fall, Spring.

READ 0099 LEARNING SUPPORT READING. 4 hours. Four hours of lecture each week. This course is designed to teach reading skills necessary for success in comprehending college level courses. Topics include vocabulary development, literal and inferential comprehension, and analytical reading skills. This course requires reading lab work. Required of a student scoring below an established cut-off score on the reading placement exam. Students may exit Learning Support Reading by successfully completing READ 0099 and making a satisfactory score on the COMPASS exam. Fall, Spring, Summer.

RELG 1100 INTRODUCTION TO WORLD RELIGIONS. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. A survey and comparison of the beliefs, practices, traditions, history, and modern developments of the basic world religions, including Christianity, Islam, Judaism, Buddhism, and Hinduism. Fall, Spring.

RELG 3000 RELIGION IN RURAL AMERICA. 3 hours. This course is an introduction to the study of religious beliefs and customs in its various forms of rural America in the major regions of the United States. An emphasis will be placed on the role of the church in rural America from the early westward movement through the present day, the specific movements, doctrines, ideologies, and individuals and their impact on American religion, history, society and culture. Spring.

RGTE 0199 REGENTS' ESSAY REMEDIATION. 2 hours. This course is required of a student who fails to meet the essay requirements of the University System Regents' Test. This course includes intensive classroom instruction and individual conferences in English composition skills. Fall, Spring, Summer.

RGTR 0198 REGENTS' READING REMEDIATION. 2 hours. This course is required of all students who fail the reading portion of the University System Regents' Test. The course consists of intensive instruction in vocabulary building and reading composition. Fall, Spring, Summer.

RLST 3000 INTRODUCTION TO RURAL STUDIES. 3 hours. This course is an introduction to the essential ideologies surrounding the field of Rural Studies, providing students with a survey of pertinent work by major scholars in the field, the various areas of study within the discipline, and an introduction to fundamental research methods applicable to the study of rural spaces. Fall.

RLST 3060 INTRODUCTION TO RESEARCH METHODS. 3 hours. A research methods course for students in the major emphasizing critical thinking and practice. Fall.

RLST 3070 INTRODUCTION TO ISSUES IN RURAL HEALTH. 3 hours. This course provides the student with an overview of rural health issues including physician shortages, the development of health care systems, health insurance, telemedicine and others. Students will gain both a historical and political perspective on the issues as well as examine the various approaches to rural health over the last century. Spring.

RLST 4000 RURAL STUDIES FIELDWORK. 3 hours. Proposed Course. In this capstone course, students will analyze the methodologies and technologies involved in field research. Students will analyze existing works and practically apply what they learn through that analysis, including fieldwork.

SCIE 1000 ADDRESSING ENVIRONMENTAL ISSUES. 1 hour. This seminar will address current controversial environmental issues concentrating on the problems and solutions associated with these issues. The basis for class discussions will be the background and controversy surrounding these issues and ethics involved in solving the problems as well as cultural, social, and political ramifications. Fall, Spring.

SCIE 1003 MEDICAL TERMINOLOGY. 1 hour. Two or three hours per week for half of the term. Designed to teach the meaning of 300 Latin and Greek roots, suffixes, and prefixes. With the knowledge of these 300 elements, a student is able to interpret and understand more than 10,000 complex medical terms. Fall, Spring.

SCIE 1005 ENVIRONMENTAL SCIENCE. 3 hours. Prerequisite: Exemption from or successful completion of ENGL 0099; A grade of C or higher in PHSC 1011/1011L, PHSC 1012/1012L, BIOL 1003/1003L or BIOL 2107/2107L. Three hours of lecture each week. A study of ecological concepts that form the basis for understanding environmental issues confronting us; ecology, populations, diversity, resources, pollution and global climate changes. Interrelationships of physical, chemical and biological components of the environment and the impact of human activities on the biosphere are explored. Fall, Spring.

SCIE 1005L ENVIRONMENTAL SCIENCE LABORATORY. 1 hour. Prerequisite: Exemption from or successful completion of ENGL 0099; PHSC 1011/1011L or PHSC 1012/1012L or BIOL 1003/1003L. Co-requisite:

SCIE 1005. One two hour laboratory experience each week. Experiences will include environmental science activities in the laboratory as well as field trips to local areas of environmental interest. Designed to accompany SCIE 1005. Fall, Spring.

SCIE 1005H ENVIRONMENTAL SCIENCE (HONORS). 4 hours. Prerequisite: Exemption from or successful completion of ENGL 0099; A grade of C or higher in PHSC 1011/1011L, PHSC 1012/1012L, BIOL 1003/1003L, or BIOL 2107/2107L. Three hours of lecture each week and two hours of laboratory each week. A coordinated study of ecological concepts that form the basis for understanding environmental issues confronting us; ecology, populations, diversity, resources, pollution and global climate changes. Interrelationships of physical, chemical and biological components of the environment and the impact of human activities on the biosphere are explored. The laboratory component will include activities in the laboratory as well as field trips to local areas of environmental interest. Additional laboratory time and one weekend may be required for field trips. SCIE 1005H will offer students the opportunity to critically analyze how humans impact their surroundings and to consider the short and long term implications. Restricted to students in the Honors Program and select science majors. Spring.

SCIE 1006 MARINE SCIENCE. 3 hours. Prerequisite: Exemption from or successful completion of ENGL 0099; A grade of C or higher in PHSC 1011/1011L, PHSC 1012/1012L, BIOL 1003/1003L or BIOL 2107/2107L. Three hours of lecture each week usually in a classroom with an occasional field outing. The course will include a general overview of the fundamentals of Marine Science including marine geology, physics, chemistry, and biology. The course addresses geological, chemical, and physical features of the marine environment, marine organisms and their ecological interactions, as well as human interactions and conservation of marine resources. This class is designed for non-science majors with an interest in oceans and marine science. Fall as needed.

SCIE 1007 INTRODUCTORY GEOLOGY. 3 hours. Prerequisite: Exemption from or successful completion of ENGL 0099; A grade of C or higher in PHSC 1011/1011L or PHSC 1012/1012L. Three hours of lecture each week usually in a classroom with an occasional field outing. The course topics introduced will include physical geological features and processes that shape our Earth. Topics will include rocks and minerals, resources and processes such as plate tectonics, earthquakes, volcanoes, streams, flooding and coastal erosion. Topics extend to include waste disposal, pollution, environmental law, and land use planning. A capstone field experience is provided at the end of the semester. This class is designed for non-science majors with an interest in geological concepts. Spring as needed.

SOCI 1101 INTRODUCTION TO SOCIOLOGY. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. A survey of the discipline of sociology. Topics will include sociological theory, methods, and selected substantive areas, such as sex, age, gender, social class, and race/ethnicity. Fall, Spring, Summer.

SOCI 1160 INTRODUCTION TO SOCIAL PROBLEMS. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. A theoretical and empirical analysis of selected major social problems confronting American society. Fall, Spring, Summer.

SOCI 2110 HUMAN SERVICES AND SOCIAL POLICY. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099; and SOCI 1101 with a "C" or better and a 2.0 GPA. An introduction to the problems of social policy and human services professions. The course will include a study of various settings which offer social services; development of knowledge, values, and skills relevant to human services; and examination of the problems encountered in social delivery systems. Students will explore the diversity of jobs in the current market that await two- and four-year degree holders. Spring.

SOCI 2293 INTRODUCTION TO MARRIAGE AND FAMILY. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099. An introduction to the structure, processes, problems and adjustments of contemporary marriage and family life. Dual listed as FACS 2293. Fall, Spring.

SOCI 2400 HUMAN SERVICES LABORATORY IN FIELD WORK. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099; and SOCI 2110 with a "C" or better. Field experience supervised by faculty in a community setting which provides an opportunity for the student to integrate and apply knowledge, theory, and understanding derived from classroom learning. This experience aids in the further development of the techniques and skills common to practice in the social welfare field, such as observation, data collecting and organizing, interviewing, and reporting and evaluating impressions. Summer, Fall.

SOCI 3000 RURAL SOCIOLOGY. 3 hours. An investigation into the characteristics and the organization of the changing rural society. Analysis of the social organization of agriculture and rural-urban relations will be emphasized. Fall.

SOCI 3500 RURAL DEMOGRAPHY. 3 hours. Proposed Course. An examination of the demographics that shape rural society. Emphasis will be on the social patterns derived from migration and population changes due to age, gender, race and social class.

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SOCI 3600 RURAL STRATIFICATION. 3 hours. Proposed Course. An in-depth analysis of class structure as it pertains to rural society. A critical examination of the distribution of resources based on age, gender, race and social class will be emphasized.

SOCI 4500 SEMINAR ON CONTEMPORARY RURAL SOCIAL ISSUES. 3 hours. Proposed Course. This seminar will serve as a capstone course that culminates the learning experiences of the Rural Studies major in the Social Science track. The seminar will focus on the many social issues confronting rural communities and populations, with appropriate research into the social programs and public policies designed to address those issues. Weekly lectures with speakers drawn from the local community will provide a forum for all rural stakeholders, including public policy makers, government, education, health service, and non-profit and non-governmental agencies.

SOSC 1100 VALUES, ISSUES, & PERSPECTIVES IN SOCIAL SCIENCES. 1 hour. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. An interdisciplinary seminar designed to introduce the student to some of the fundamental concepts and issues of the social sciences and to develop the student's critical thinking skills. Topics, which vary from term to term, include such themes as American values, gender issues, and current political or social issues. Fall, Spring.

SPAN 1000A SPANISH FOR LAW ENFORCEMENT OFFICERS. 1 hour. This class will offer job-specific Spanish vocabulary and phraseology, as well as pronunciation and vocalization through intensive oral exercises, scenarios and role playing. Fall.

SPAN 1000B SPANISH FOR NURSES AND HEALTH PROFESSIONALS. 1 hour. This class will offer job-specific Spanish vocabulary and phraseology, as well as pronunciation and vocalization through intensive oral exercises, scenarios and role playing. Spring.

SPAN 1001 ELEMENTARY SPANISH I. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. Introduction to listening, speaking, reading, and writing in Spanish and to the culture of Spanish-speaking regions. Non-credit for students presenting two or more high school units in Spanish earned within the past three years. Work includes drill in fundamentals of grammar. Fall, Spring, Summer.

SPAN 1002 ELEMENTARY SPANISH II. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. Continued listening, speaking, reading, and writing in Spanish with further study of the culture of Spanish-speaking regions. A continuation of SPAN 1001. Fall, Spring, Summer.

SPAN 1110 SPANISH FOR GREEN INDUSTRY PROFESSIONALS. 3 hours. This class will offer job-specific (occupational) Spanish vocabulary and phraseology, as well as pronunciation and vocalization through intensive oral exercises, scenarios, and role playing. Topics include greetings, training, phrase words, the calendar, numbers and time, family and work personnel, safety and health phrases and terms, tools and equipment terms and actions, golf course terms and actions, golf clubhouse terms and actions, commercial and residential sites, directions and locations, and spraying and irrigation terms and actions. Fall, Spring.

SPAN 2001 INTERMEDIATE SPANISH. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099; SPAN 1002 with a "C" or better. A continuation of SPAN 1001 and SPAN 1002. Spring.

SPAN 2002 INTERMEDIATE SPANISH. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099 A continuation of SPAN 1001, SPAN 1002, and SPAN 2001. Spring.

THEA 1100 THEATRE APPRECIATION. 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099. Introduction to the art of the theatre emphasizing its historical development. Survey of the basic elements and theories of theatrical production with special consideration of theatre as an artistic experience. Fall, Spring.

THEA 1101 THEATRE WORKSHOP. 1 hour. Hands-on active participation in current theatre production. Requires a minimum of 25 hours devoted to production-related assignments. Activities include performing in the production, building sets, constructing costumes, lighting, stage manager, assistant director. Fall, Spring.

THEA 3000 THEATRE IN THE RURAL WORLD. 3 hours. Proposed Course. Survey of performance as an integral part of rural culture. The course will investigate how storytelling, song, dance, mask, and ritual enhance and inform rural life.

TUTR 1100 BECOMING A BETTER WRITING TUTOR. 1 hour. This course is a seminar class that will study and discuss current issues relating to peer tutoring and writing instruction. Students will also examine how these trends may be used in one-on-one peer tutoring scenarios. This course is strongly recommended for all student writing tutors.

TUTR 1101 RELATING TO STUDENT WRITERS. 1 hour. This seminar class focuses on current issues and concerns faced by tutors of writing. Students will also examine effective problem-solving strategies for use in tutoring situations. This course is strongly recommended for all writing tutors.

H o n o r s P r o g r a m C o u r s e s

All courses in the Honors program encourage student participation through interactive classroom techniques; all classes require the students to engage in some substantial research and use of sources beyond the assigned textbook to supplement and enhance the students' understanding of the course material and assignments.

CISM 2201H FUNDAMENTALS OF COMPUTER APPLICATIONS (HONORS). 3 hours. A course designed to assure a higher level of computer applications literacy; to include word processing, spreadsheet, database, LAN, e-mail and Internet utilizations. Fall, Spring.

COMM 1100H HUMAN COMMUNICATION (HONORS). 3 hours. Prerequisite: Honors Program membership or permission of Honors Director. A study of the techniques required in speech research, organization, and argument development. Designed to develop advanced delivery techniques for different types of speeches in various public forums. Fall.

ENGL 1101H COMPOSITION I (HONORS). 3 hours. Prerequisite: Exemption from or successful completion of READ 0099 and ENGL 0099 and Honors Program membership or permission of Honors Director. A composition course focusing on skills required for effective writing in a variety of contexts, with emphasis on exposition and argumentation, and also introductory use of a variety of research skills. Fall.

ENGL 1102H COMPOSITION II (HONORS). 3 hours. Prerequisite: ENGL 1101 with a grade of "C" or better (or exempt status) and Honors Program membership or permission of Honors Director. A composition course focusing on academic writing skills that emphasizes interpretation and evaluation of a variety of texts and that incorporates advanced research skills. Spring.

ENGL 2132H SURVEY OF AMERICAN LITERATURE II (HONORS). 3 hours. Prerequisite: Honors Program membership and ENGL 1102H or ENGL 1102 and permission of Honors Director. A survey of important works of American literature designed to foster in the student some knowledge and appreciation of American literature from the mid-nineteenth century (civil war) through the present. Lectures, discussions, and research focus on major figures, works, and movements in historical context, with special attention to themes and techniques of literary analysis and to the influence of philosophical and religious views on the literature. Fall.

HIST 2112H UNITED STATES HISTORY II (HONORS). 3 hours. A survey of United States history from the post-Civil War period to the present. This course covers the major social, economic, cultural, and political issues in American history since the Civil War. A particular emphasis will be placed on the role of Georgia in the development of the nation. This course is taught as a seminar and emphasizes greater student interaction. This course satisfies state law requiring examination on Georgia and United States history. Fall.

HNRS 1101 HONORS SEMINAR. 1 hour. Freshman level honors seminar built around the concepts of "self," "society," and "nature." Basic questions of human existence are explored in an interdisciplinary manner. The seminars also serve as an orientation to college life and are taken in place of ABAC 1000 by honors program students. Fall.

HNRS 1102 HONORS SEMINAR. 1 hour. Freshman level honors seminar built around the concepts of "self," "society," and "nature." Basic questions of human existence are explored in an interdisciplinary manner. These seminars also serve as an orientation to college life and are taken in place of ABAC 1000 by honors program students. Spring.

HNRS 2101 HONORS SEMINAR. 1 hour. Sophomore level honors seminar. Selected special topics are explored in an environment that fosters both collaborative and independent learning. As needed.

HNRS 2102 HONORS SEMINAR. 1 hour. Sophomore level honors seminar. Selected special topics are explored in an environment that fosters both collaborative and independent learning. As needed.

POLS 1101H AMERICAN GOVERNMENT (HONORS). 3 hours. An introductory course covering the essential facts of federal, state, and local governments in the United States. The origin, development, organization, and practices of national and state governments will be examined. This course is taught as a seminar and emphasizes greater student interaction. This course satisfies state law requiring examination on Georgia and United States Constitutions. Spring.

SCIE 1005H ENVIRONMENTAL SCIENCE (HONORS). 4 hours. Prerequisite: PHSC 1011/1011L, PHSC 1012/1012L, BIOL 1003/1003L, or BIOL 2107/2107L. Three hours of lecture each week and two hours of laboratory each week. A coordinated study of ecological concepts that form the basis for understanding environmental issues confronting us; ecology, populations, diversity, resources, pollution and global climate changes. Interrelationships of physical, chemical and biological components of the environment

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and the impact of human activities on the biosphere are explored. The laboratory component will include activities in the laboratory as well as field trips to local areas of environmental interest. Additional laboratory time and one weekend may be required for field trips. SCIE 1005H will offer students the opportunity to critically analyze how humans impact their surroundings and to consider the short and long term implications. Restricted to students in the Honors Program and select science majors. Spring.