

Common First Year Course Descriptions

ALL-UNIVERSITY RHETORIC (*Improves our ability to express ideas and to understand others.*)

ENGL 100 (3) Expository Writing I - Introduction to expressive and informative writing. Offers extensive practice in the process of writing: getting ideas, drafting, analyzing drafts, revising, and editing.

COMM 105/106 (2/3) Public Speaking - Principles and practice of message preparation, audience analysis, presentational skills, and speech criticism permitting greater practice in oral presentation.

HUMANITIES (*Introduces us to many forms of cultural expression.*)

AMETH 160 (3) Intro to American Ethnic Studies - Introduces students to the major concepts related to ethnicity and to some of the major American ethnic groups.

ART 195 (3) Survey of Art History I - Historical development of art from pre-history through the middle Ages.

DAS 100 (3) An introduction to the intellectual and cultural life of the university through attendance of on-campus events and performances. Offered in the fall semester for freshmen.

ENGL 251 (3) Intro to Literature - Study of fiction, poetry, drama and nonfiction.

ENGL 253 (3) Short Story-Study of short stories from world literature with emphasis on American, British, and Continental

ENGL 270 (3) American Literature - Selected writers from various periods in American literary history. Designed for students not majoring/minoring in English.

ENGL 287 (3) Great Books - Introduction to world classics; from past to present.

HIST 101 (3) Western Civilization: The Rise of Europe - Major trends in Western history from the beginnings of European civilization to the end of the seventeenth century.

HIST 102 (3) Western Civilization: The Modern Era - Major developments in Western civilization from the beginning of the eighteenth century to the present.

HIST 111 (3) World History to 1450 - Major developments in the history of the world from the earliest civilizations to the eve of European expansion in the fifteenth century.

HIST 112 (3) World History From 1450 - Major trends in the history of the world from the 15th century to the present. Global patterns of contact, mutual influence, and interdependence.

HIST 251 (3) History of the United States to 1877 - Includes ethnic, social, military, political, economic, diplomatic, and ideological themes.

HIST 252 (3) History of the United States Since 1877 - Ethnic, social, political, economic and diplomatic history.

Modern Language Offers:

Arabic	Chinese	French	German	Hindi
Italian	Japanese	Latin	Russian	Spanish

MUSIC 245 (3) Intro to American Music - An introduction to the functions of music in American society and the elements of music, including a survey of the development of various types and styles of music in America. '

MUSIC 250 (3) Introduction to Music - Elements of music as represented in selected masterpieces of the standard concert repertory, designed to heighten the perception and the enjoyment of the listener who has limited musical knowledge.

THTRE 261 (3) Fundamentals of Acting - Theory and practice of fundamental skills and techniques of acting. Major emphasis on freeing and training the individual's imagination, intellect, body, and voice through designed exercise and performed scenes.

THTRE 270 (3) Intro to Theatre - A comprehensive introduction to theatre: basic elements of theater and theater production, theater history, dramatic literature, multicultural theater.

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SOCIAL SCIENCES (*Helps us understand society's institutions and their interplay with human behavior.*)

ANTH 200/204 (3) Intro to Cultural Anthropology - Analysis and comparison of technological, social, and religious characteristics of cultural systems.

ECON 110 (3) Principles of Macroeconomics - Basic facts, principles, and problems of economics; determination of the level of employment, output, and the price level; the monetary and banking system; problems and policies of economic instability, inflation, and growth; principles of economic development; other economic systems.

GEOG 100 (3) World Regional Geography - Intro to geography structured on a framework of major world regions and countries. Discussion of the essential concepts of certain systematic specialties, such as political, social, economic, and urban geography.

GEOG 200 (3) Human Geography - A geographical assessment of the way human activities shape landscapes throughout the world.

MC 110 (3) Mass Communication in Society - A historical, social, legal, economic, and technological study of mass communication and its role and impact in society.

MC 120 (3) Principles of Advertising - An examination of the advertising field and its relationship to marketing and journalism.

MC 180 (3) Fundamentals of Public Relations - Contemporary persuasive social science principles, processes, and issues involved in the management of communications between an organization and its publics.

POLSC 110 (3) Intro to Political Science - Introduction to politics, public policy, and governmental processes. Distribution and use of political power, political thought, public opinion, groups, parties, institutions, public law, careers in politics, and related topics.

POLSC 115 (3) United States Politics - The national government with emphasis on constitutional principles, basic structure, functions, and the political process.

POLSC 333 (3) World Politics - Intro to the study of politics among nations-states and other world actors, including a survey of major contemporary problems of world politics and focusing on the pursuit of power, order, wealth, and safe environment.

PSYCH 110 (3) General Psychology - An introductory survey of the general content areas of psychology, including methods, data, and principles.

SOCIO 211 (3) Intro to Sociology - Development, structure and functioning of human groups; social and cultural patterns; and the principal social processes.

SOCWK 100 (3) Social Work: The Helping Profession - An introduction to the profession of social work and the various fields of social service by observing, experiencing and analyzing social work and its place in society. An opportunity for the student to test social work as a possible career choice.¹

WOMST 105 (3) Intro to Women's Studies - An interdisciplinary introduction to academic and community-based thinking about women's lives.

NATURAL SCIENCES (*Examines the biological and physical processes that shape our world.*)

BIOCH 110/111 (3/1) Biochemistry and Society/Biochemistry and Society Lab – Covers topics related to daily life, such as chemical principles and biomolecules, nutrition/diets, growth and aging, disease, fermentation, drug action, medical diagnostics and forensics, and bioethics.

BIOL 198 (4) Principles of Biology - An introductory course for majors and non-majors focusing on plants, animals and microbes. Includes biological molecules, cells, genetics, energy flow, physiology, ecology and evolution.

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CHM 110/111 (3/1) General Chemistry/General Chemistry Lab - Principles, laws and theories of chemistry. (One hour lab is optional)

CHM 210 (4) Chemistry 1 - First course of a two-semester study of the principles of chemistry and the properties of the elements and their compounds. Three hour lecture and one three hour lab per week.

GEOG 221 (4) Physical Geography I - Basic physical geography course emphasizing the geosphere and hydrosphere, including processes, patterns, and physical background for related issues such as natural hazards and human modification of physical conditions. .

GEOL 100 (3) Earth in Action - An introduction to the materials making up the earth, and to the internal and surface processes that shape and change our planet.

GEOL 103 (1) Geology Laboratory - Field and laboratory investigation of minerals, rocks, and fossils; use of maps; environmental studies, erosion, transportation, sedimentation.

GEOL 115 (3) Environmental Geology - Major reservoirs of Earth and the hydrologic cycle; minerals and rocks on the surface and in subsurface environments; minerals and rock-water interactions; compositional variations of waters; surface and ground water pollutions; atmospheric pollutions; waste disposal problems.

GEOL 125 (3) Natural Disasters - Discussion of geological phenomena such as earthquakes, volcanic eruptions, landslides, and floods with particular emphasis on causes, effects, and significance.

KIN 220 (4) Biobehavioral Bases of Exercise - A critical examination of the role and impact of physical activity in contemporary society. Current perspectives from the biological and behavioral domains of kinesiology will be used to explore the significance of physical activity with particular emphasis placed on implications for health-related fitness.

PHYS 101/103 (3/1) The Physical World & The Physical World Laboratory - Presents an overview of the physical sciences for students who have little or no previous physical science. (Lab is optional)

PHYS 113 (4) General Physics I - A basic development of the principles of mechanics, heat, fluids, oscillations, waves, and sound. Emphasis is on conceptual development and numerical problem solving.

QUANTITATIVE (MATH) *(Trains us to think analytically and helps us learn to interpret data.)*

MATH 010 (3) Intermediate Algebra - Prep course for MATH 100. Includes arithmetic, solutions to equations, graphs, and geometry. (Does not count towards graduation)

MATH 100 (3) College Algebra - Fundamental concepts of algebra; algebraic equations and inequalities; functions and graphs; zeros of polynomial functions; exponential and logarithmic functions; systems of equations and inequalities.

MATH 150 (3) Plane Trigonometry - Trigonometric and inverse trigonometric functions; trigonometric identities and equations; applications involving right triangles and applications illustrating the laws of sines and cosines.

MATH 205 (3) General Calculus and Linear Algebra - Intro to calculus and linear algebra concepts that are particularly useful to the study of economics and business administration with special emphasis on working problems.

MATH 220 (4) Analytic Geometry and Calculus I - Analytic geometry, differential and integral calculus of algebraic and trigonometric functions.

STAT 325 (3) Introduction to Statistics - A project-oriented first course in probability and statistics with emphasis on computer analysis of data. Examples selected primarily from social sciences, natural sciences, education and popular culture.

STAT 350 (3) Business and Economic Statistics - A basic first course in probability and statistics with textbook, examples, and problems pointed toward business administration and economics.

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AGRICULTURE

AGCOM 110 (2) Intro to Agricultural Communications - Intro to agricultural communications programs activities, careers, and trends.

AGEC 120 (3) Agricultural Economics and Agribusiness - A course suggested for all students interested in the agriculture economy. A study of economic principles, with emphasis on their application to the solution of farm, agribusiness, and agricultural industry problems in relationship to other sectors of the United States economy and foreign countries.

AGRON 220 (4) Crop Science - Principles underlying practices used in the culture of corn, sorghum, wheat and soybeans. A basic course for majors in agronomy and others interested in crop production.

ASI 102 (3) Principles of Animal Science - Basic principles which apply to animal agriculture; survey of the industry; types, purposes, and products of livestock; principles of breeding, selection, nutrition, lactation, reproduction, management and marketing.

ENTOM 301 (3) Insects and People - Focuses on strategies to manage arthropods that negatively affect the health and productivity of animals, including beef and dairy cattle, swine, poultry, horses, sheep, goats, pets, and urban wildlife.

FDSCI 302 (3) Intro to Food Science - Acquaints the student with the breadth and scope of the food industry and the role of science in the preservation, processing, and utilization of foods.

FOR 375 (3) Intro to Natural Resource Management - A survey of historic and present-day uses, problems, and basic management approaches associated with our renewable and nonrenewable natural resources. The impact of society, economics, law, politics, and philosophy on the management and use of our natural resources will also be examined.

HORT 201 (4) Principles of Horticultural Science - The basic principles of plant science and the environment that apply to horticulture; survey of the industry; plant taxonomy, anatomy, morphology, and physiology; environment and plant growth; plant propagation, pest management, plant breeding.

HORT 256 (3) Human Dimensions of Horticulture - Introduction to horticulture applied in schools, psychiatric and medical hospitals, corrections, vocational rehabilitation centers, elderly programs, and consumer horticulture settings. Networking the art and science of horticulture with architecture, business, social sciences, health care, horticulture, and education.

RRES 210 (1) Life and Leisure - An overview of recreation and leisure fundamentals and history, and the public and private organizations that facilitate and deliver leisure services.

ARCHITECTURE

ENVD 203 (1) Survey of Design Professions - Introduces students to the working methods and roles of the architect (interior and landscape) and planner.

ENVD 250 (3) History of the Designed Environment - A chronological survey of the built and designed environment in the context of the socio-cultural, artistic, technological, economic, and political factors. Ancient times to the 12th century.

ARCH 301 (3) Appreciation of Architecture - An analysis of the evolution of architectural styles to determine the relation of architectural expression to the needs of society.

EDUCATION

FSHS 110 (3) Introduction to Human Development - A study of life span human development through an individual's awareness and understanding of his or her own physical, social, and psychological growth and relationships with family, peers, and others.

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ENGINEERING

DEN 160 (1) Engineering Concepts - An introduction to engineering and engineering design. Students work in teams, practice communication skills, and apply problem-solving methods to the design, build, test process.

DEN 210 (3) History of Building and Construction - An introduction to the art and science of building. Historical review from ancient to contemporary including related construction methods, equipment, and systems.

CIS 111 (3) Fundamentals of Computer Programming - Intro to object-oriented programming.

CIS 115 (3) A survey of the discipline of Computing Science and its interaction with other disciplines, incorporating historical development, theories, and tools of Computing Science (algorithm design and programming). Topics include: mechanical computers, digital computers, bioinformatics, microcontrollers, robotics, security, scientific computing, simulation, and web technologies.

ECE 210 (3) Intro to Electrical Engineering - Basic circuit theory including voltage, current, Kirchhoff's laws, and Ohm's law. Introduction to circuit elements, application circuits, complex impedance and power, and additional theory fundamental and the EE curriculum. Includes laboratory work (e.g., with MultiMate's and oscilloscopes) and circuit construction techniques

ME 101 (2) Intro to Mechanical Engineering - Intro to the mechanical engineering curriculum and profession.

HUMAN ECOLOGY

AT 245 (3) Apparel and Textile Industry - Survey of the organization and operation of the U.S. apparel and textile industry; examination of the principles and processes required to meet the needs of the apparel-textile consumer.

FSHS 110 (3) Intro to Human Development - A study of life span human development through an individual's awareness and understanding of his or her own physical, social, and psychological growth and relationships with family, peers, and others.

HMD 120 (3) Intro to the Hospitality Industry - Overview of the hospitality industry. Survey of the history, scope, trends, and career opportunities that comprise the four segments of the industry: food service, lodging, travel and tourism, and meeting and convention planning.

HMD 130 (1) Careers in Nutrition and Dietetics - An intro to career opportunities in the field of nutrition and dietetics with emphasis on academic preparation acquisition of professional credentials and career laddering.

HN 132 (3) Basic Nutrition - Concepts of human nutrition applied to personal food choices and health.