

Recommended Courses for Parallel Enrollment

Courses are offered at various times each semester and may not always be available.

Remember to choose first and second choice courses.

This list is subject to change

Accounting

ACC 121 Introductory Accounting I

(Prerequisite: Minimum SAT Math score of 500)

Examines basic principles underlying accounting concepts applicable to service and merchandising enterprises. This course includes analysis of transactions and preparation of financial statements for proprietorships and partnerships. Four hours a week. Four credits

ACC 122 Introductory Accounting II

(Prerequisite: minimum grade of "C-" in ACC 121)

Continues the examination of the basic principles and concepts of accounting. This course includes corporate accounting procedures, analysis of cash flows, and analysis of financial statements. It presents an introduction to uses, significance, and limitations of accounting data for management and investor decisions, and an introduction to managerial accounting, including cost behaviors, cost-volume-profit relationships, job costing, and budgeting. Four hours a week. Four credits.

Anthropology

ANTH 201 Introduction to Cultural Anthropology

Introduces basic concepts, methods, and theories of cultural anthropology. Cross-cultural examination of topics includes subsistence and economics, socialization and personality, kinship and family organizations, politics and social control, religion, language and expressive arts, and culture change. Three hours a week. Three credits.

Art

ART 110 Fundamentals of Design

Provides a foundation in visual thinking, focusing on concepts and their use as opposed to mastery of a particular medium. Students are introduced to the process of designing and varied problem-solving methods. Students will also investigate the basic elements and principles that are the vocabulary of the designer and how these are put together into a language. This course combines lecture, discussion, slide presentation, demonstration, and critique with hands-on project work. Course includes studio and lecture. Students will need to purchase supplies/materials for this course. Three credits.

ART 113 Fundamentals of Design II

(Prerequisite: ART 110)

Continues to develop the skills and abilities needed to be a successful designer in the twenty-first century. Included is the discussion of practice, theory, and understanding of conceptual ideas and traditional formal ideas, as well as the methods and materials. Planned yet open-ended projects will bring students to understand that being a designer is a process of discovery. Combines lecture, discussion, slide presentations, demonstration, and critique with hands-on project work. Course includes studio and lecture. Students will need to purchase supplies/materials for this course. Three credits.

ART 116 Drawing I

Provides basic drawing problems stressing a variety of techniques with emphasis on observation, organization, and eye and hand coordination. Students work in various media. Course includes studio and lecture. Students will need to purchase supplies/materials for this course. Three credits.

Biology

BIO 104 Contemporary Perspectives on Human Biology

Illustrates some major principles of biology by studying the human as an organism and as part of the biosphere.

Topics include the systems of the body and processes which produce, maintain and coordinate the person. These are studied in relation to disease, the external environment and technology. Three hours lecture and two hours laboratory each week. Four credits. *Not for science or allied health majors.*

BIO 113 Biology I: Cell Biology & Genetics

(Prerequisite: Successful completion of high school biology and placement into Math 121 and Eng 151)

Emphasizes the molecular nature of biology and biological principles that are common to all life. Topics covered relate to the physical and biochemical structure and function of cells and cell processes and genetics. Laboratory included. Four credits. *Intended for science majors.*

BIO 114 Biology II: Structure and Function of Organisms

(Prerequisite: BIO 113 with a minimum grade of "C")

Emphasizes the molecular and physical aspects of plant and animal structure and function in relation to biological principles that are common to all life. Topics covered include form and function, homeostasis, chemical signaling and communication, and nutrition in plants and animals. Laboratory included. Four credits. *Intended for science majors.*

Chemistry

CHEM 115 General Chemistry I

(Prerequisites: Successful completion of high school chemistry and high school algebra II; placement into Math 121 and Eng 151 is required)

Introduces the structure of matter and its behavior from a chemical perspective. Topics discussed include nomenclature, stoichiometry, chemical reactions, quantum theory, chemical bonding, periodicity, gases, and atomic and molecular structure. Laboratory work includes experiments involving the determination of physical properties of matter, common types of reactions, laboratory techniques/instrumentation and molecular modeling. Laboratory included. Four credits.

CHEM 116 General Chemistry II

(Prerequisite: CHEM 115 with a minimum grade of "C")

Introduces the states of matter including liquids, solids and solutions, followed by discussion of chemical principles including kinetics, equilibrium, acids and bases, thermodynamics, electrochemistry, and nuclear chemistry. Laboratory work includes experiments that complement the lecture material. Techniques, instrumentation and molecular modeling are emphasized. Laboratory included. Four credits.

Communication Arts

CM 101 Public Speaking

Focuses on the development of skills in the writing and presenting of various types of speeches. Students will practice and deliver several speeches with the goals to inform, persuade, and entertain audiences. Three credits.

THEA 103 Beginning Acting

Develops important performance skills through exercises, improvisations, and scene work. Exercises include work in imagination, concentration, vocal and movement techniques. Analysis of scenes for a character's intentions, obstacles, and tactics is a major part of this course. Students learn to work with scene partners and develop self-confidence in a performance situation. Three hours a week. Three credits.

Economics

EC 201 Principles of Economics: Introduction to Macroeconomics

(Prerequisite: Minimum of SAT Math score of 500 and placement into ENG 151 and Math 121)

Examines the basic economic principles of the aggregate economy. Subjects covered include the essentials of aggregate demand and supply, government spending and taxation, national income accounting, analysis of unemployment and inflation, money and banking, fiscal and monetary policy, analysis of economic growth, and an overview of the international economy.

Three hours a week. Three credits.

EC 202 Principles of Economics: Introduction to Microeconomics

(Prerequisite: Minimum of SAT Math score of 500 and placement into ENG 151 and Math 121)

Examines the basic economic principles governing the decisions of the economic agent. Topics include product and factor markets, as well as pricing decisions. In addition, government policies and the trade-off between efficiency and equity are examined. Three hours a week. Three credits.

English

ENG 151 Composition & Writing of Sources

(Prerequisite: Minimum SAT Verbal score of 520)

Develops the ability to write clear, coherent, and well-developed expository prose. This course requires analytical reading and critical thinking and includes instruction and practice in research methods and writing from sources. A grade of "C-" meets university writing competency requirement and qualifies students to proceed to ENG 152. Three credits.

ENG 152 Introduction to Literature

(Prerequisite: ENG 151 or ENG 171 with a minimum grade of "C-")

Develops the ability to write clear, coherent, and well-developed arguments. This course requires close reading of poetry, drama, and fiction and includes instruction in argumentation. Three credits.

Film

FLM 108 Introduction to 16 mm Film Production

Introduces the components of film—story structure, camera use, editing, sound, movement, music, dialog, and mise-en-scene as students develop an appreciation for film as an art form. This course incorporates the understanding of cinema as a language and of its ability to explore the human condition. Three credits

Geography

GEO 110 Physical Geography

Introduces the major physical elements of the earth system. This course emphasizes climate, landforms, soils, vegetation, and global environmental problems. Three credits.

GEO 111 World Regional Geography

Introduces the physical, political, economic, and cultural elements of the world regions. This course emphasizes the distinctive yet comparative nature of major regions and their impact on current events. Three credits.

GEO 112 Human Geography

Studies the institutions and spatial variations of human society. This course emphasizes understanding human culture in a geographic context. Three credits.

History

HIST 105 World History I

(Co-requisite: ENG 151)

Focuses on the diverse forces that helped shape the world in which we live. The course traces the development of world civilizations from the origins of humankind to the Early Modern era, with special emphasis on Western civilization. Three credits.

HIST 106 World History II

(Co-requisite: ENG 151)

Focuses on the diverse forces that helped shape the world in which we live. The course traces the development of world civilizations from the Early Modern era to the present, with special emphasis on Western civilization. Three credits.

HIST 109 The United States: Colonial America to 1865

(Co-requisite: ENG 151)

Surveys the major events, ideas, and personalities critical to the development of the United States up to 1877. The course will examine the settlement and development of the American colonies, the American Revolution, the Civil War, and Reconstruction and will look at the collision of cultures and ideas that led to the formation of early America. Three hours a week. Three credits.

HIST 110 The United States: 1865 to Present

(Co-requisite: ENG 151)

Surveys the major events, ideas, and personalities critical to the development of the United States from 1877 to the present. The course will examine the consequences of the Civil War and Reconstruction, Populism, Progressivism, the two World Wars, the Roaring Twenties, the Great Depression, the Cold War, and the post-Cold War world. Three hours a week. Three credits.

Human Services

HSR 101 Invitation to Human Services

Explores family forms and issues across the life course in terms of current and historical trends as well as cross-cultural variations. The course addresses marriage and the family, partner selection and intimate relationships, and family crisis and social policy. Three hours a week. Three credits.

Information Systems

IS 135 Advanced MS Office Applications

(Prerequisite: IS 134)

Provides students the opportunity to design professional quality business and technical documentation using advanced features of MS Word, MS Excel, and MS PowerPoint. Emphasis will be placed on those functions commonly used in the workplace. Three credits.

Law

LAW 102 Introduction to Legal Studies

(Co-requisite: ENG 151)

Provides an overview of the functions of our legal system and the sources and nature of our laws. Introduces many substantive and procedural areas of law. Examines the legal profession, the role of the paralegal, and the regulation of attorney and paralegal conduct. Students will begin identifying career goals. Provides an in-depth examination of legal ethics and introduces students to the types of ethical dilemmas they may face in the work force and to methods for researching the answers to and resolving ethical dilemmas. Three hours a week. Three credits.

LAW 208 Business Law

Examines the legal aspects of business relationships, contracts, sales and Uniform Commercial Code, agency, and business organizations law. This course is not for paralegal majors. Three credits.

Mathematics

MATH 121 College Algebra with Applications

(Prerequisite: Minimum SAT Math Score of 500)

Introduces the student to solution techniques for equations and inequalities, properties of functions, properties of polynomial rational, exponential and logarithmic functions, and systems of equations. Course activities emphasize applying acquired algebraic problem solving techniques and reasoning to real-world and discipline-specific problems.

A TI-83, TI-83Plus or TI-84 calculator is required for the course. Four credits.

MATH 125 Precalculus

(Prerequisite: a minimum grade of “C” in MATH 121)

Presents topics of algebra and trigonometry within the framework of algebraic and graphical solutions, as a preparation for calculus. Content presented with real-data applications and with integrated technology. Topics covered include equations and inequalities, algebraic and trigonometric functions, vectors, systems of equations, sequences, and series. A TI-83, TI-83 Plus or TI-84 calculator is required for the course. Four credits.

MATH 140 Basic Statistics

(Prerequisite: Minimum SAT Math Score of 500)

Introduces the student to basic data analysis. Methods include data collection and packaging, discriminating between valid and invalid uses of statistics, and elementary methods for decision making. Topics include measures of central tendency and dispersion, elementary probability, probability distributions, interval estimates of parameters, hypotheses testing, correlation, and regression. Course activities include elementary applications of statistics to a variety of disciplines. A TI-83, TI-83 Plus, or TI-84 calculator is required for the course. Four credits.

MATH 210 Statistics and Probability

(Prerequisite: a minimum grade of “C” in MATH 121)

Applies the theory of statistics to concrete problems in business and the social sciences. Topics covered include data collection, graphical displays of data, descriptive measures, correlation and regression, probability, discrete and continuous random variables, the binomial and normal distributions, sampling distributions, interval estimation of parameters, and tests of hypotheses. A TI-83, TI-83 Plus or TI-84 calculator is required for the course. A computer laboratory component will introduce the student to statistical applications in software packages. Credit will not be granted for both MATH 210 and MATH 235. Four hours a week. Four credits.

MATH 220 Calculus-I

(Prerequisite: Minimum SAT Math Score of 630 and high school trigonometry or completion of Math 125 with a minimum grade of “C”)

Introduces the students to calculus. Topics include functions, limits, continuity, derivatives, partial derivatives, applications of derivatives, and integrals. A TI-83, TI-83 Plus or TI-84 calculator is required for the course. Four hours a week. Four credits.

MATH 221 Calculus-II

(Prerequisite: a minimum grade of “C” in MATH 220)

Continues the study of calculus. Topics include basic differential equations, techniques of integration, improper integrals, multiple integrals, applications of integration, sequences and series. A TI-83, TI-83 Plus or TI-84 calculator is required for the course. Four hours a week. Four credits.

Management

MGT 204 Principles of Management

(Requires placement into Math 121 and Eng 151)

Examines theories and principles underlying the management process. Also discussed are fundamental management activities, including planning, organizing, leading, controlling, and decision making. Three credits.

Marketing

MKT 206 Principles of Marketing

(Requires placement into Math 121 and Eng 151)

Examines the relationship between an organization and the market for its goods and services. Topics covered include the marketing concept, marketing planning, consumer behavior, research, product development, and the marketing mix. Social, ethical, and international aspects of marketing are emphasized. Three credits.

Philosophy

PHIL 104 Logic

(Prerequisite: Eng 151 or equivalent)

Explores the nature of philosophical inquiry that underlies all pursuits of knowledge and self-knowledge. In particular, the course will study the thinking of at least three different philosophers and three different branches of philosophy (e.g., metaphysics, ethics, epistemology, or aesthetics). Approaches to such study will vary with course instructor. Three hours a week. Three credits.

Photography

PHOTO 140 Photography

Introduces students to the photographic process with emphasis on the technical process of camera control, processing, and black and white photographic printing. Time is devoted to the aesthetic considerations of photography and to the criticisms of the student's work both technically and aesthetically. Course includes studio and lecture. Students will need to purchase supplies/materials for this course. Three credits.

PHOTO 141 Basic Digital Photography

Provides a foundation in the digital darkroom introducing the hardware, software, and techniques used in digital photography. Through lectures, demonstrations, lab work, and varied assignments, students will develop skills in the art and practice of digital capture, management, and manipulation, and will engage in discussion and consideration of the philosophical and ethical ramifications of this practice. Students will create a portfolio of digital photographs in print and for web presentation. Students will need to purchase supplies/materials for this course. Three credits.

Physical Science

PHSCI 110 Foundations of Physics

Introduces the concepts and interactions of matter and energy as they affect mankind and the environment, with an emphasis on the basic concepts of classical physics. Laboratory included. Four credits.

PHSCI 151 Principles of Earth and Field Science

Introduces the fundamental principles of geology, astronomy, oceanography, and meteorology, along with their relationships among each other and to the environment. Weekly laboratory exercises are utilized for enrichment, development, and understanding of the concepts. Laboratory included. Four credits.

Psychology

PSY 101 General Psychology

(Requires placement into Eng 151)

Introduces the psychological theories and research that are the foundation of the scientific study of behavior, including mental processes. Focuses on the major concepts, theoretical perspectives, historical and current data that relate to the discipline of psychology. Topics include the biological basis of human behavior, learning theory, memory, personality, development, intelligence, and psychological disorders. Three hours a week. Three credits.

PSY 108 Human Growth and Development

(Prerequisite: PSY 101)

Provides a lifespan perspective, from a scientific perspective, on the growth and development of humans. This course focuses on stability and change in human development with respect to the biological, cognitive, and socioemotional domains. Major theoretical approaches to development that address both innate factors and environmental influences, as well as their interaction, are studied. A broad range of topics are covered that are relevant to the varying age groups and domains of development. Three hours a week. Three credits.

PSY 206 Child Development

(Suggested prior course: PSY 101)

Focuses on theories and research, as well as their application to human development from conception to age twelve. Concentrated attention is given to the physical, cognitive, and social/personality areas of growth. This course does not satisfy major or minor requirements in psychology. Three credits. *(This is an elective course and credits earned will not satisfy major requirements at SU.)*

Religion**REL 116 Survey of the New Testament**

(Requires placement into Eng 151)

Introduces the literature of the New Testament, with appropriate emphasis given to the background, growth, and thematic content of the Biblical materials. Three credits.

REL 202 World Religions

(Requires placement into Eng 151)

Surveys selected living religions and their practices and thoughts that have had a major influence on the development of world views. The course examines the impact religion has on certain aspects of our lives, such as politics, history, literature, and the arts. The course also seeks to provide the critical tools needed to determine and to evaluate religious influences.

Sociology**SOC 101 Introduction to Sociology**

Studies the fundamentals and methods of sociology as a social science. Introduction to sociological perspective and theories on such topics as socialization, social interaction, deviance, and social control; family, education, religion, politics, and economics; and social change. Three hours a week. Three credits.