



GRAND CANYON UNIVERSITY™

Dual Enrollment Courses Offered Online

Number	Course Title	Course Description
ACC 250	Financial Accounting 4 credits	This course is an introduction to the accounting cycle and the construction of financial statements. Students explore the fundamental principles and practices of financial accounting as outlined by Generally Accepted Accounting Principles (GAAP); the steps in the accounting cycle from journalizing transactions through the preparation of financial statements; and the use and interpretation of the balance sheet, income statement, and statement of cash flows. Prerequisite: MAT 134 or equivalent college algebra course
BIO 130	Introduction to Life Sciences I 4 credits	This course introduces students to the concepts of the scientific method and critical thinking in making observations and formulating hypotheses. Students learn about the structure of cells, DNA replication and gene expression, metabolic pathways, cell cycle, and cell division. The final section of the class includes an overview of animal form and function, organs and organ systems, and physiological processes, with an emphasis on human systems.
BIO 220	Environmental Science 4 credits	This course examines the risks and the environmental impact of human behavior and population growth on natural resources. Emphasis is placed on a holistic approach to environmental science using hands-on exercises, environmental surveys, and class discussions to reinforce scientific principles.
BIO 250	Introduction to Life Sciences II 4 credits	This course introduces students to the relevance and impact of scientific endeavors/advances/processes on human populations, society, and the environment. Natural phenomena and relationships between scientific disciplines and technology provide foundational knowledge for students to critically analyze the interactions between humans and their world.
BUS 232	Introduction to Sports Management 4 credits	This course is an overview of the business of sports, including career opportunities, as well as a study of the value of professional management to sports organizations.
CHM-101	Introduction to General, Organic, and Biochemistry 3 credits	An introduction to the principles of chemistry; designed for students without a strong background in science. Topics covered include a survey of the chemical and physical properties of elements and compounds, chemical reactions, chemical energetics, acids and bases, and chemical bonding. An introduction to organic and biochemistry emphasizes the relationship between molecular structure and function. Co-requisite: CHM 101L
CHM101L	Introduction to General, Organic, and Biochemistry Lab 1 credit	This lab course is designed to complement and support the principles being addressed in CHM 101. Students learn basic lab techniques related to general and organic chemistry, building upon and strengthening foundational knowledge such as stoichiometry and reaction types. Additionally, some topics are addressed from a biochemical standpoint to highlight application to daily living. Co-requisite: CHM 101
COM 126	Communications and the Media 4 credits	This course is a study of media history and theory with an emphasis on the implications and impact of mass messages on meaning, culture, and society.

COM 151	History and Criticism of Visual Media 4 credits	This course presents the history of visual art and its connection and influence on modern media. Students gain an artistic vocabulary by becoming familiar with many kinds of visual art, developing their skills in visual analysis, increasing their understanding of aesthetic theory, and applying that understanding in presentations. Prerequisite: COM 126
COM 231	Persuasive Theory 4 credits	This course is a study of the theory and practice of communication as it relates to influencing attitude and behavioral change. The course begins by presenting a historical overview of persuasive theory from its classical beginnings and progresses to analyzing persuasive strategies and their use by contemporary practitioners. Examples for analysis are taken from advertising, public relations, religion, sales, politics, and propaganda.
CWV 101	Foundations of a Christian Worldview 4 credits	A worldview acts like glasses through which one views the world. In this course, students explore the big questions that make up a worldview, questions like “Why are we here?” and “What is my purpose?” Students examine how Christians answer these questions and work on exploring their own worldviews, as well as learning how worldview influences one’s perceptions, decision making, and everyday life.
ECH 125	Foundations of Early Childhood 4 credits	This course focuses on the fundamental basis of the field of early childhood education, including historical and philosophical foundations, current practices, ethics, models of teaching, and application in early childhood settings. Professional preparation requirements and professional development opportunities for early childhood educators will be explored. Practicum/field experience hours: 20, Prerequisite: Fingerprint Clearance
ECN 220	Introduction to Economics 4 credits	The course covers microeconomic topics, macroeconomic topics, and international economics topics. Microeconomic topics include the nature and method of economics, supply and demand, utility, and supply and demand elasticities. Macroeconomic topics include the measurement of national output, factors that impact output, other means of measuring national wealth and economic well-being, unemployment, inflation, GDP accounting, and business cycles. While the focus of this course is primarily on the U.S. economy, some comparative economic analysis will be covered. In addition, select topics related to international trade and finance are introduced.
EDU 210	Foundations of Education 4 credits	This course is designed to provide an overview of the education profession for students who are inspired to be teachers. A brief survey of the philosophical, historical, and sociological influences upon which educational theories and practices are constructed is presented. Students explore a variety of the common issues, trends, and opportunities that professional educators face in the field. No practicum/field experience required. No Fingerprint Clearance necessary.
EDU 230	Cultural Diversity in the Classroom 4 credits	This course examines the relationship of cultural values to the formation of self-concept and learning styles. The roles of prejudice, stereotyping, and cultural incompatibilities in education are also evaluated. No Fingerprint Clearance necessary.
ENG 105	English Composition I 4 credits	This is a course in writing academic prose, including various types of essays, arguments, and constructions.
ENG 106	English Composition II 4 credits	This course explores various types of research writing, with a focus on constructing essays, arguments, and research reports based on primary and secondary sources.
ENG 250	Analysis of World Literature 4 credits	This course is a study of some diverse works in world literature. It introduces all advanced English course offerings. Students will also be introduced to methods of literary criticism and analysis. All students who plan to major in English should earn a 3.00 or above in this course before taking any upper division English courses. Prerequisite: ENG 105 and ENG 106
ENG 260	English Literature I 4 credits	This course is a survey of English Literature from the Old English period through the Enlightenment. Prerequisite: ENG 105 and ENG 106
ENG 270	English Literature II 4 credits	This course is a continuation of ENG 260, covering the Romantic period through the Modern period. Prerequisite: ENG 105 and ENG 106
GEO 234	World Geography 4 credits	This course is a study of the physical environment and of the relationship of human cultures to each of the major geographic areas of the world, with special attention given to the United States.
HIS 109	World Civilization 4 credits	This course is a survey of the major events, trends, personalities, movements, and ideas that have shaped world history from the beginnings of civilization to the present.
HIS 221	Themes in United States History 4 credits	This course is a survey of U.S. history from the Colonial era to the present. Topics include the American Revolution, the early national period, Jeffersonian and Jacksonian America, the Civil War and the Reconstruction, industrialization, the World Wars, the Great Depression, and the Cold War and the post-Cold War eras.

HLT 100	Health Care Roles & Integration of Patient Care 4 credits	This course is an introduction to the health care system and the structure, roles, and responsibilities of medical and allied health care professionals. Focus is placed on the teamwork necessary to effectively provide the highest quality patient care.
INT 244	World Religions 4 credits	This course is a study of the major contemporary religions of the world including Abrahamic religions, Eastern religions, and other religions. The course covers religious texts, historical background, and current beliefs and practices. Emphasis is given to the ideological foundations of a Christian worldview, a comparison of worldviews, and the application of worldviews within a global society.
JUS 104	Introduction to Justice Studies 4 credits	This course provides an introduction to the basic components of the criminal justice system in the United States today: corrections, courts, and law enforcement.
JUS 110	Crime and Criminology 4 credits	This course provides an examination of classic and contemporary theories of crime causation, including psychological and social causes of crime and theories of punishment.
JUS 250	Critical Issues in Criminal Justice 4 credits	This course provides an examination of issues relating to justice policies, perspectives, techniques, roles, institutional arrangement, management and administration, use of research, and innovative patterns. Prerequisite: JUS 104 and JUS 110
MAT 110	Basics of Algebra 4 credits	This course begins with a review of basic mathematical concepts, such as operations with fractions, decimals, percents, and real numbers; exponents; order of operations; and simplifying expressions. It then continues with an introduction to underlying concepts and techniques of algebra, such as solving linear equations and inequalities; graphing linear equations and inequalities; system of equations; and functions. The course is designed to prepare students for MAT 134.
MAT 134	Applications of Algebra 4 credits	This course is the university general education requirement, and develops and then applies the algebraic concepts of linear equations and linear inequalities in one variable; graphing linear equations and linear inequalities; linear systems; and rational, exponential, quadratic, exponential, and logarithmic equations. There is an emphasis on developing both a fundamental understanding of these concepts as well as their application to real-world problem-solving. Prerequisite: MAT 110 OR GPA of 3.5 or higher OR Grade of C or better in high school pre-calculus or calculus OR AP math coursework on transcript
MAT 250	College Algebra and Trigonometry 4 credits	This course is a unified study of fundamental concepts from algebra and trigonometry that provide the necessary background for the study of calculus. Topics include modeling linear equations and inequalities; functions and their graphs; polynomial, rational, exponential, logarithmic, and trigonometric functions; systems of equations and inequalities; matrices and determinants; and conic sections. There is an emphasis on developing both a fundamental understanding of these concepts as well as their application to real-world problem-solving. Prerequisite: Grade of C or better in MAT 134
MAT 260	College Geometry 4 credits	This course is an introduction to Euclidean geometry and mathematical proofs, including theorems and proofs, set theory, logic, congruent and similar polygons, circles, geometric constructions, areas, volumes, geometric loci, elementary logic, and deductive reasoning. Prerequisite: Grade of C or better in MAT 134 OR 3 years of high school algebra with a grade of C or better
MAT 274	Probability and Statistics 4 credits	This course provides an introduction to the study of basic probability, descriptive and inferential statistics, and decision making. Emphasis is placed on measures of central tendency and dispersion, correlation, regression, discrete and continuous probability distributions, quality control, population parameter estimation, and hypothesis testing. Prerequisite: Grade of C or better in MAT 134 or 1 year of high school algebra with a grade of C or better
MGT 240	Introduction to Management 4 credits	This introductory course deals with management and the basic management processes and functions. It focuses on real-world management situations concerned with planning, organizing, leading, and controlling, the work of the organization.
MKT 245	Principles of Marketing 4 credits	This course surveys the marketing mix and marketing concept; markets and buyer behavior; product, service, and relationship marketing for global competition; creating and keeping customers in an e-commerce world; branding and positioning; distribution strategies, integrated marketing communications, and pricing strategies.

PHI 103	Introduction to Philosophy and Ethics 4 credits	This course is an introduction to the discipline of philosophy through a study of representative philosophical problems. Students are introduced to analytic tools that enable them to practice critical thinking, evaluate knowledge claims, and establish a rationale and justification for other academic disciplines. Topics to be considered include logic, epistemology, metaphysics, and ethics.
PHY 102	Introduction to Physical Science 4 credits	This course introduces students to the scientific method. Students are expected to classify objects and materials based on physical and chemical properties, as well as develop an understanding of chemical reactions and flow of energy in a system.
PHY 104	Earth and Space Science 4 credits	This course is designed to develop students' skills in the scientific method, develop the understanding of the properties of Earth and its materials, and appreciate Earth in relationship to other objects in space. Concepts include geological and atmospheric phenomena.
PSY 102	General Psychology 4 credits	This foundation course in the science of behavior includes an overview of the history of psychology, the brain, motivation, emotion, sensory functions, perception, intelligence, gender and sexuality, social psychology, human development, learning psychopathology, and therapy.
PSY 255	Personality Psychology 4 credits	This course is a study of the nature and causal determinants of human behavior, including the definition and scientific measurement of personality. Theories studied include the psychodynamic, neo-Freudian, trait and factor, cognitive, and behavioral theories. The Christian perspective on the nature of human personality is also explored. Prerequisite: PSY 102
SOC 102	Principles of Sociology 4 credits	This course presents a survey of the concepts, theories, and methods used by sociologists to describe and explain the effects of social structure on human behavior. It emphasizes the understanding and use of the sociological perspective in everyday life.