

Clarion University Fall 2021 Online Dual Enrollment Course List

FALL 2021

(8/23/2021-12/10/2021)

AH	101	Medical Terminology
ANTH	211	Humans & Culture
ARTH	110	Visual Arts
BIOL	111	Basic Biology
CRJT	110	Intro to Criminal Justice
ECON	211	Principles of Macro
ENGL	111	College Writing II
ES	140	Natural Disasters
FIN	170	Intro to Finance
HIST	111	Ancient & Medieval Civilizations
HIST	120	US to 1877
MATH	112	Excursions Math
MATH	131	Applications of Math in Business I
MATH	221	Elementary Applied Stats
MATH	232	Calculus Business I
MUS	111	Intro to Music
NFSS	111	Health Education
PHIL	212	Ethics
PHSC	111	Physical Science Chemistry
PHSC	117	Exploring Physical Science: Physics & Astronomy
PSY	211	General Psychology
SOC	211	Principles of Sociology
SPAN	151	Elementary Spanish I
SPAN	251	Spanish III
WGS	100	Survey of Women & Gender Studies

Dual Enrollment Course Descriptions – Fall 2021

AH 101- Medical Terminology: Teaches principles of medical word building that support understanding and use of the language of medicine and also enhance understanding of the English language. Includes study of medical term components, medical abbreviations, specialized terminology related to body systems and related pathology, diagnostic examinations, clinical and laboratory procedures, oncology, and pharmacology. Students will apply their knowledge of and skills in medical terminology to speak, read, and write in the language of medicine and to understand health care information as a future healthcare provider, patient, and caregiver.

ANTH 211- Humans & Culture: Introduces students to the nature of humanity and the human condition by exploring contemporary and past societies. Applies the four-field approach, emphasizing human diversity, origins of humans and culture, language, and archaeology.

ARTH 110- Visual Arts: Introduces art appreciation. Deals with the form and content of art as well as the processes and products of art. Enriches the student's awareness and understanding of visual art forms.

BIOL 111- Basic Biology: Deals with the principles of biology. Includes cellular structure and physiology, growth and repair, reproduction and development, control, sources of food energy, inheritance, and people's interrelationship with their biological environment. Briefly reviews the classification of plants and animals.

CRJT 110- Introduction to Criminal Justice: Provides an overview of the justice system including processing offenders. Examines the nature of criminal law, causes of criminal behavior and discusses the roles of various agencies including police, courts, and corrections

ECON 211- Principles of Macro: Introduces macroeconomics, national income analysis, money and banking, monetary and fiscal policies, inflation, unemployment, and international finance.

ENGL 111- College Writing II: Emphasizes development of critical thinking through analytical and argumentative writing and introduces students to research writing.

ES 140- Natural Disasters: Focuses on natural disasters and the normal processes of the earth/atmosphere system which produce them. Particular attention is placed on the energy sources that cause underlying disasters such as plate tectonics, weather/storm processes, climate change, processes operating in rock, water and the atmosphere, the significance of geologic time, complexities of multiple variables operating simultaneously, and detailed case histories of significant events.

FIN 170- Intro to Finance: Fundamentals of personal and small business finance. Calculation of time value of money, growth rates, discount rates, bond values, and net worth. Analysis of credit and computation of business cost of capital. Elementary risk and insurance analysis. Introduction to investments. Application of calculation skills to solve for loan payments,

amount of savings for future purchases, what to pay for an annuity or other investment, amount of and savings needed to retire on a fixed income.

HIST 111- Ancient & Medieval Civilization: Includes a survey of prehistoric cultures and civilization from its historical beginning to 1300. Presents a knowledge of the origins of the broad social, political, intellectual, and economic movements of the past from which the student may gain an understanding of civilization today.

HIST 120- US to 1877: Surveys United States history from the period of exploration through the Reconstruction period.

MATH 112- Excursions Math: Acquaints students with the nature and scope of modern mathematics and its applications. Emphasizes concepts and understanding rather than acquisition of techniques.

MATH 131- Applications of Math in Business I: Covers mathematical techniques with special applications in business and related areas. Includes algebra, problem solving, and mathematics of finance, probability and statistics.

MATH 221- Elementary Applied Stats: Examines basic principles and methods of statistical analysis useful in the social sciences, biology, and education. Designed specifically for students not majoring in mathematics.

MATH 232- Calculus Business I: Examines differential calculus with application to business and the social sciences. Topics include limits, derivatives, maxima and minima, and an introduction to integration.

MUS 111- Intro to Music: Introduces the enjoyment and understanding of music. Uses recordings, concerts, and other media.

NFSS 111- Health Education: Focuses on wellness and health promotion. Emphasizes healthy behaviors in each of the five Dimensions of Health (mental, physical, social, emotional, and environmental). Stresses skills and application of health knowledge for optimum wellness and disease prevention. Requirement for all students. 2 credits.

PHIL 212- Ethics: Introduces students to theoretical ethics and the consequences these theories have both personally and for public policy. Examines controversial moral issues.

PHSC 111- Physical Science Chemistry: Explores selected chemical principles with the purpose of providing a background that will enable students to understand issues involving the interaction of science and society. Intended for non-science majors and does not assume prior familiarity with chemistry. Does not count toward requirements for science majors, but can be applied to fulfill the general education math-science requirements for non-science majors.

PHSC 117- Exploring Physical Science: Physics & Astronomy: Explores selected physical principles with the purpose of providing a background that will enable students to understand

physical phenomena. Intended for non-science majors and does not presume any prior familiarity with the subject. Topics may include motion, heat, the nucleus of the atom and radioactivity, fundamentals of electricity and simple circuits, atmospheric physics, and descriptive astronomy.

PSY 211- General Psychology: Introduces the general subject matter of psychology as a science and its major findings. Emphasizes genetics, development, learning and motivation, emotions, sensation and perception, personality and abnormal adjustment, and other social behavior.

SOC 211- Principles of Sociology: Introduces the nature and characteristics of human societies, the structure and processes of social life, the impact of social forces on personal and group behavior, and the interdependence of society and the individual.

SPAN 151- Elementary Spanish I: Introduces Spanish language, emphasizing all language skills: listening, speaking, reading, and writing.

SPAN 251- Spanish III: Systematic review of basic grammar: graded readings, conversation, translation, and composition based on selected topics. Prerequisite: SPAN 150 or 152, or satisfactory placement test score.

WGS 100- Survey of Women & Gender Studies: Surveys women's studies topics offered in more advanced courses. Uses materials primarily from the social sciences to examine various topics from a feminist perspective. Examines diverse women's lives across the lifespan, feminist pedagogy, sex role socialization, women's relationships, women as students, and women in society and history, among other topics.