

FMU Fall 2019 Dual Enrollment Courses

BIO 103 Environmental Biology Lecture/Lab (4)

A study of the needs of human beings for food, energy, and other natural resources and the effects of their actions on the air, water, soil, plants, and other animals. The diversity of life, plant anatomy and physiology, ecology and evolution will be included. Throughout the course the process of doing science is emphasized.

BUS 150 Introduction to Business (3)

Introduces the fundamental functions and activities of modern business organizations. Topics include: an overview of the economic system, accounting and record keeping, marketing, management, finance, information systems, legal issues, business ethics, and international business. In addition, careers in business and entrepreneurship are considered.

ENG 101 Analysis and Argument (3)

Introduction to critical reading and to composing processes, including invention and revision, through writing analyses and arguments for specific audiences and purposes. Through extensive writing assignments, practice, and peer activities, students will learn to read and write in various rhetorical contexts and will be introduced to documentation of sources. Small class sizes allow individual attention and cooperative learning.

HIST 103 European History to the French Revolution (3)

General survey of European civilization from its ancient origins to the French Revolution with emphasis on major social, economic, intellectual, and political developments.

MATH 134 Probability and Statistics* (3)

Basics of probability, including counting, tree diagrams, conditional probability, binomial and normal distributions, mean, variance, standard deviation, and expected value.

MU 101 – Introduction to Music (3) –Online

Attention is focused on one element of music at a time (melody, harmony, timbre, and texture). Each element is discussed in its historical context, and illustrative examples are played.

POL 101 United States Government (3)

An examination of the United States political institutions with particular attention to the principles, processes, structure, and functions of the national government.

PSY 206 Introductory Psychology (3)

Survey of the biological, experimental (including sensory processes, learning, memory, and motivation), social, personality, and developmental processes. In addition to these content areas, an understanding of scientific methodology will be studied.

SPAN 101 – Elementary Spanish I (3) - Online

An introduction to basic Spanish grammar and vocabulary with an emphasis on oral and written comprehension and communication. Includes use of technology to enhance linguistic proficiency and cultural awareness.

SPAN 102 – Elementary Spanish I (3) – Online**

Further development of oral and written comprehension and communication in the target language. Continued use of technology to enhance linguistic proficiency and cultural awareness

*MATH 134 Prerequisite: Completion of all required high school math.

**SPAN 102 Prerequisite: Completion of SPAN 101 with a grade of C or higher

FMU Spring 2020 TENTATIVE Dual Enrollment Courses

ART 101 – Introduction to Art (3) – ONLINE

Patterns of perception and understanding are established through analysis of major works of painting, sculpture, and architecture in a historical survey.

BIO 104 – Human Biology Lecture/Lab (4)

Basic biology of humans and how to interpret emerging technologies such as DNA fingerprinting and genetic engineering. The process of doing science is emphasized.

CS 150 – Microcomputers and Software Applications I (3)*

Introduction to microcomputer hardware and software. Topics include computer fundamentals, word processing, electronic spreadsheets, databases, and other microcomputer applications areas. Solutions for several problems using microcomputers and commercial software will be required.

ENG 102 – Rhetoric, Genre, and Research (3)**

Complex composition assignments involving rhetorical strategies, critical reading, and formal research. Practice performing multiple research methods, evaluating and documenting sources, synthesizing research, and developing original arguments. Emphasis on analyzing genre to information writing strategies and research methods, preparing students to transfer knowledge about genre and composition to other writing contexts.

HIST 104 – European History since the French Revolution (3)

General survey of European History from the French Revolution to the present with emphasis on major social, economic, intellectual, and political developments.

MATH 134 – Probability and Statistics (3)***

Basics of probability, including counting, tree diagrams, conditional probability, binomial and normal distributions, mean, variance, standard deviation, and expected value.

POL 103 (or 101) – Introduction to Political Science (101 – US Government) (3)

POL 103: Introductory Study of the normative origins of government, structure and function of different political systems, relations between nation states, and various methods and approaches to the study of politics.

PSY 206 – Introductory Psychology (3)

Survey of the biological, experimental (including sensory processes, learning, memory, and motivation), social, personality, and developmental processes. In addition to these content areas, an understanding of scientific methodology will be studied.

SPAN 101 – Elementary Spanish I (3) – ONLINE

An introduction to basic Spanish grammar and vocabulary with an emphasis on oral and written comprehension and communication. Includes use of technology to enhance linguistic proficiency and cultural awareness.

SPAN 102 – Elementary Spanish II (3)^ - Online

Further development of oral and written comprehension and communication in the target language. Continued use of technology to enhance linguistic proficiency and cultural awareness.

*CS 150 Prerequisite: MATH 134

**ENG 102 Prerequisite: Completion of ENG 101 with a grade of C or higher

***MATH 134 Prerequisite: Completion of all required high school math

^SPAN 102 Prerequisite: Completion of SPAN 101 with a grade of C or higher