

UL Lafayette Dual Enrollment Course Catalog

Courses Currently Offered

BIOL 110 Fundamentals of Biology I (1 credit Fall Prep Course) (3 credit Spring)

Lecture Contact Hours: 1 Fall Prep 3 Spring

LCCN: CBIO 1033

Organic molecules, cell structure and function, Mendelian genetics, general physiology and reproduction.

Course Attribute: Gen Ed Natural Sciences, Life Sciences

Prerequisite(s): English ACT/PREACT score of 23 or SAT /PRESAT(NEW) EBRW score of 580 or completion of ENGL 101 with a grade of “C” or better; and Math ACT/PREACT score of 21 or SAT/PREACT (NEW) Math score of 530 or completion of MATH 105 or MATH 109 with a grade of “D” or better.

BIOL 112 Fundamentals of Biology I Lab (1) (Spring)

Lecture Contact Hours: 0 **Lab Contact Hours:** 2

LCCN: CBIO 1031

Laboratory skills for Biology majors to examine concepts addressed in the Fundamentals of Biology I lecture, including: the scientific method, cell structure and function, cell metabolism and genetics.

Course Attribute: ASRE

Pre/Corequisite(s): BIOL 110

CHEM 107 General Chemistry I (3)

Lecture Contact Hours: 3 **Lab Contact Hours:** 0

LCCN: CCEM 1123

Principles and Problems of chemistry.

Course Attribute: Gen Ed Natural Sciences, Physical Sciences

Prerequisite(s): Minimum ACT/PREACT Math score of 23, or SAT/PRESAT Math score of 570, or credit in MATH 105 or MATH 109 or MATH 270 with a grade of “C” or better.

CHEM 108 General Chemistry II (3)

Lecture Contact Hours: 3 **Lab Contact Hours:** 0

LCCN: CCEM 1133

Continuation of principles and problems of chemistry.

Course Attribute: Gen Ed Natural Sciences, Physical Sciences

Prerequisite(s): CHEM 107

ECON 201- Principles of Macroeconomics (3)

Lecture Contact Hours: 3 **Lab Contact Hours:** 0

LCCN: CECN 2213

Introduction to macroeconomic concepts. National income accounts, trade, public finance, governmental influences in price stabilization and full employment.

Course Attribute: Gen Ed Social/Behavioral Sciences

Prerequisites: ACT/PREACT 19 MATH and 18 ENGL

ECON 202- Principles of Microeconomics (3)

Lecture Contact Hours: 3 **Lab Contact Hours:** 0

LCCN: CECN 2223

Introduction to microeconomic concepts. Determination of price and value; allocation of resources and output, factors affecting distribution of wealth and income.

Course Attribute: Gen Ed Social/Behavioral Sciences

Prerequisites: ACT/PREACT 19 MATH and 18 ENGL

ENGL 101 Introduction to Academic Writing(3)

Lecture Contact Hours: 3 **Lab Contact Hours:** 0

LCCN: CENL 1013

Designed to introduce students to the critical thinking, reading, and writing skills required in the university and beyond. Course will focus on writing effective, well-argued essays.

Course Attribute: Gen Ed English Composition

Prerequisites: Student must meet one of the options for BOR student eligibility.

ENGL 102 Writing and Research about Culture (3)

Lecture Contact Hours: 3 **Lab Contact Hours:** 0

LCCN: CENL 1023

Content varies. Through exploration of cultural themes, students will build on and advance the thinking, reading, and writing skills learned in English 101 while focusing on rhetoric and research. Satisfies diversity and international requirements.

Course Attribute: Gen Ed English Composition

Prerequisites: Minimum ENGL ACT score of 28 or ENGL 102 with a grade of "C" or better

ENGL 201-British Literature from the Medieval Period to 1800 (3)

Lecture Contact Hours: 3 **Lab Contact Hours:** 0

LCCN: CENL 2103

Survey of British literature from the medieval period to 1800, emphasizing the critical reading of individual works.

Course Attribute: Gen Ed Literature

Prerequisite(s): ENGL 102 with a grade of "C" or better

ENGL 202- British Literature from 1800 to the Present (3)

Lecture Contact Hours: 3 **Lab Contact Hours:** 0

LCCN: CENL 2113

Survey of British literature from 1800 to the present, emphasizing the critical reading of individual works.

Course Attribute: Gen Ed Literature

Prerequisite(s): ENGL 102 with a grade of "C" or better

ENVS 100- Environmental Science (3)

Lecture Contact Hours: 3 **Lab Contact Hours:** 0

LCCN: CEVS 1103

Physical and chemical principles and processes as they relate to the environment.

Course Attribute: Gen ed Natural Sciences, Physical Science

Prerequisites: Student must meet one of the options for BOR student eligibility.

HIST 221 - The United States to 1877 (3)

Lecture Contact Hours: 3 **Lab Contact Hours:** 0

LCCN: CHIS 2013

Surveys the development of ethnic and cultural diversity in America, the establishment of national political and economic institutions, the early development of American ideals and traditions, and the formation of an expansionistic foreign policy.

Course Attribute: Gen Ed History; ASRE

Prerequisites: Student must meet one of the options for BOR student eligibility.

HIST 222 - The United States since 1877 (3)

Lecture Contact Hours: 3 **Lab Contact Hours:** 0

LCCN: CHIS 2023

Examines selected economic, intellectual, political, and social developments transforming post-Civil War and 20th-century American society.

Course Attribute: Gen Ed History; ASRE

Prerequisites: Student must meet one of the options for BOR student eligibility.

MATH 105- Applied College Algebra (3)

Lecture Contact Hours: 3 **Lab Contact Hours:** 0

LCCN: CMAT 1203

Functions and graphs, including linear functions, quadratic functions, other polynomial functions, exponentials and logarithmic functions; zeros of polynomial functions, systems of equations and inequalities. Graphing calculator required.

Course Attribute: Gen Ed Mathematics

Prerequisites: Student must meet one of the options for BOR student eligibility.

MATH 109- Pre-Calculus Algebra (3)

Lecture Contact Hours: 3 **Lab Contact Hours:** 0

LCCN: CMAT 1213

Algebraic, exponential, and logarithmic functions for student s preparing to study calculus. Graphing calculator required.

Course Attribute: Gen Ed Mathematics

Prerequisites: Minimum ACT/PREACT MATH score of 23 SAT/PRESAT MATH score of 560 or ALEKS PPL score of 46 or MATH 105 with a grade of “C” or better.

MATH 110- Pre-Calculus Trigonometry and Function Theory (3)

Lecture Contact Hours: 3 **Lab Contact Hours:** 0

LCCN: CMAT 1223

Trigonometric and inverse trigonometric functions equations, and graphs, fundamental trigonometric identities, and the polar coordinate system. Graphing calculator required.

Course Attribute: Gen Ed Mathematics

Prerequisites: Minimum ACT MATH score of 24 SAT MATH score of 580 or ALEKS PPL score of 61 or MATH 109 with a grade of “C” or better.

MATH 270- Calculus I (1 credit Fall Prep Course) (4 credit Spring)

Lecture Contact Hours: 5 **Lab Contact Hours:** 0

LCCN: CMAT 2114

Definitions, properties, and applications of derivatives and integrals. Graphing calculator required.

Course Attribute: Gen Ed Mathematics

Prerequisites: Minimum ACT MATH score of 28 SAT MATH score of 660 or ALEKS PPL score of 76 or MATH 109 and MATH 110 with a grade of “C” or better.

STAT 214- Elementary Statistics

Lecture Contact Hours: 3 **Lab Contact Hours:** 0

LCCN: CMAT 1303

Graphical and numerical descriptive measures. Introduction to correlation and regression. Basic probability concepts, random variables, sampling distributions, central limit theorem. Large and small sample confidence

intervals and significance tests for parameters associated with a single population and for comparison of two populations.

Course Attribute: Gen Ed Mathematics

Prerequisites: Minimum ACT MATH score of 25 SAT MATH score of 570 or MATH 105 or MATH 109, MATH 110 with a grade of “C” or better.