

2021-22 ACADEMIC CATALOG



Midway University

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Course

BIO 328 - Genetics and Molecular Biology Laboratory

This course will serve to illustrate techniques typically utilized in genetics and molecular biology research and clinical application. DNA extraction, genetic exchange, gene amplification, protein analysis, and bioinformatics will be covered in this laboratory. This course is closely tied to the information learned in the BIO 325 Genetics and Molecular Biology lecture course, thus it is recommended that students enroll in both the lecture and laboratory courses. Genetic diseases and their treatments as well as ethical issues of genetics research will be covered in this course. Prerequisites: BIO 105 and BIO 106; CHM 175 and CHM 176; CHM 330 and CHM 331. Prerequisite or corequisite: BIO 325.

Grade Basis: L

Credit hours: 1.0

Lab hours: 2.0

Prerequisites:

- [BIO 105](#) - General Biology II
- [BIO 106](#) - General Biology II Laboratory
- [BIO 325](#) - Genetics and Molecular Biology
- [CHM 175](#) - General Chemistry II
- [CHM 176](#) - General Chemistry Laboratory II
- [CHM 330](#) - Organic Chemistry I
- [CHM 331](#) - Organic Chemistry Laboratory I

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Midway University

512 E. Stephens Street, Midway, KY 40347

1.800.952.4122