

GENETICS MINOR

Genetics/BIOL 256L Molecular Genetics Lab, BIOL 302 Medical Genetics, and BIOL 307 Developmental Genetics.

Introduction

The Genetics minor will offer students a strong background in a science, which is an integral part of biological and health-focused fields. Completion of the minor will equip graduates with a skillset that will enhance their professional practice. Future practitioners will gain the ability to recognize "red flags" in a family history that may indicate a future illness or explain present symptoms. In the lab, personnel will have had hands-on experience with diagnostic and investigative tools used currently in research, clinical, and forensics fields worldwide. Prerequisite: minimum grade of "C-" (1.67) in Biology II and BIOL 104L Biology II Lab, Biology II Lab (BIOL 104 Biology II/BIOL 104L Biology II Lab).

Link to Minor Form

<http://www.eastfalls.jefferson.edu/successcenter/inc/pdf/advising/DeclaringaMinor.pdf>

Courses

Students Taking BIOL 207 Principles of Genetics/BIOL 207L Principles of Genetics Lab as Part of the Major Curriculum

Code	Title	Credits
BIOL 256	Molecular Genetics	3
BIOL 256L	Molecular Genetics Lab	1
BIOL 302	Medical Genetics	3
BIOL 307	Developmental Genetics	3
BIOL 402	Genetics Seminar (required 4th course)	3
Total Credits		13

Students Who Do Not Have a Requirement to Complete BIOL 207 Principles of Genetics/BIOL 207L Principles of Genetics Lab as Part of Their Major

Code	Title	Credits
BIOL 207 & 207L	Principles of Genetics and Principles of Genetics Lab ¹	4
BIOL 402	Genetics Seminar (required 4th course)	3
Select two of the following:		6-7
BIOL 256 & 256L	Molecular Genetics and Molecular Genetics Lab	
BIOL 302	Medical Genetics	
BIOL 307	Developmental Genetics	
Total Credits		13-14

¹ Students who do not have a requirement to complete BIOL 207 Principles of Genetics/BIOL 207L Principles of Genetics Lab as part of their major will need to complete this course to satisfy prerequisite requirements for BIOL 402 Genetics Seminar (and BIOL 302 Medical Genetics if this course is elected). Students then take two of the remaining courses from among BIOL 256 Molecular