

BIOTECHNOLOGY MINOR

<https://manchester.unh.edu/program/minor/biotechnology>

Description

The Minor in Biotechnology will introduce students to the field of biotechnology in a five-course sequence that will provide substantial education and training in bioethics, as well as the central content areas of biology and biotechnology, with a focus on modern genetics and laboratory techniques. Students adding the biotechnology minor will be adding a valuable credential to their major, indicating a substantial additional skill set in the laboratory-focused and forward-looking field of biotechnology.

Requirements

Students must complete five courses (20-21 credits, depending on the courses chosen). A minimum acceptable grade in these courses is a C-, and the average grade for these courses must be a C or better. Transfer course approval for the minor is limited to, at most, two relevant courses successfully completed at another accredited institution, subject to syllabi review and approval. Courses for non-majors will not count towards the minor.

Required Courses

Code	Title	Credits
BIOT 501	Ethical Issues in Biology	4
GEN 604	Principles of Genetics ^{1,3}	4
Biotechnology lab techniques course ^{1,2}		4-5
Select one of the following:		8
BIOL 411 & BIOL 412	Introductory Biology: Molecular and Cellular and Introductory Biology: Evolution, Biodiversity and Ecology	
or BIOL 413 & BIOL 414	Principles of Biology I and Principles of Biology II	
Total Credits		20-21

¹ Biotechnology majors-level course.

² BMS 503 General Microbiology/BMS 504 General Microbiology Laboratory may be an additional pre-requisite course.

³ Students in majors with 3+ course overlap (e.g., Neuropsychology) will need a different course than GEN 604 Principles of Genetics within the Biotechnology major. BMS 503 General Microbiology/BMS 504 General Microbiology Laboratory is a recommended alternative.

To ensure a course counts in the minor, it is required that students consult the minor coordinator, [Dr. Kristen Johnson](mailto:Dr.Kristen.Johnson) (Kristen.johnson@unh.edu), before enrolling in the course.