

MEDICAL BIOLOGY MINOR

Contact

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Mission

At the heart of our mission lies a dedication to nurturing a vibrant learning environment where students are active participants and collaborators. We believe in the transformative power of experiential learning, in guiding students through hands-on experiences that bridge the gap between theory and practice, and in preparing them to navigate real-world challenges with confidence and insight. We strive to create welcoming spaces where every voice is heard and valued. Grounded in academic rigor and scientific integrity, we equip students with the tools and knowledge to critically engage with complex biological concepts and global issues. As stewards of both knowledge and the environment, we inspire a sense of responsibility, and encourage innovation for a healthier planet.

Our Core Values

Student Centeredness: Every decision we make is predicated by the question, "what is best for our students?"

Community and Belonging: We celebrate the many backgrounds, perspectives, and experiences within our community. By promoting a culture of belonging and mutual respect, we strive to create a supportive and welcoming environment where all individuals can thrive and contribute.

Experiential Learning: Students learn best by doing. We value hands-on experiences and reflection so that students can connect theories and knowledge learned in the classroom to real-world situations.

Information Literacy: We strive to instill students with knowledge and skills needed to develop a data-driven understanding of biological processes and their global implications.

Academic Rigor: We embrace uncompromising standards of academic rigor and strive for excellence in all facets of teaching and research.

Scientific Integrity: We adhere to the highest professional and ethical standards when teaching, conducting, and reporting research.

Environmental Stewards: We promote environmental stewardship by fostering an understanding of biological systems and their susceptibility to human impacts, and by recognizing our shared responsibility for planetary health.

Collaboration: Scientific progress thrives when minds come together. We strive to create a collaborative environment where students and instructors come together to engage in teamwork through shared learning experiences and joint research projects.

Program Description

The medical biology minor requires six biology courses, including the introductory biology series. Regardless of their major, students who wish to complete a Medical Biology minor must select four additional courses beyond those required for their major. No biology courses can satisfy both the major and minor requirements except for the introductory 100-level courses.

Transfer Credit

See Undergraduate Admissions (<https://catalog.une.edu/undergraduate/admissions/>) for more information.

Admissions

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Financial Information

Tuition and fees for subsequent years may vary. Other expenses include books and housing. For more tuition and fee information, please consult this catalog's Financial Information (<https://catalog.une.edu/undergraduate/financial-information-undergraduate-programs/>) section.

Curricular Requirements

Code	Title	Hours
Program Required Courses		
BIO 104 & 104L or BIO 105 & 105L	General Biology and General Biology Lab Biology I: Ecology/Evolution and Bio I: Ecology/Evolution Lab	4
BIO 106 & 106L	Biology II: Cellular/Molecular and Bio II: Cellular/Molecular Lab	4
BIO 214 & 214L	Genetics and Genetics Lab	4
BIO 245 & 245L	Gen Prin Anat/Phys/Pathophys I and Gen Prin Anat/Phys/Path I Lab	4
BIO 345 & 345L	Gen Prin Anat/Phys/PathophysII and Gen Prin Anat/Phys/Path II Lab	5
BIO 370	Cell & Molecular Biology	3
Total Hours		24

Please note: While some courses can fulfill both core and program requirements, the credits earned do not count twice towards the minimum total required credits for the degree.