MINOR IN BIOLOGY

Program Contact: Lisa Kaplan (lisa.kaplan@qu.edu) 203-582-3588

Biology forms the foundation of a diverse array of fields, from zoology and botany to veterinary medicine and genetics. What’s exciting about this minor is that you’ll have a tremendous amount of control over the direction your experience takes. With an adviser from the Biology Department, you’ll chart your own path through the curriculum, choosing from a range of courses that fit your interests and your career ambitions. Our biology minor perfectly complements majors in the other sciences and related fields, such as chemistry and engineering.

In this program, you’ll have the flexibility to choose electives that broaden your knowledge and understanding of biology, or you can focus on a specific area of interest, such as ecology or physiology.

Biology Minor Curriculum

A minor in biology requires the completion of at least 20 BIO credits, 12 of which must be beyond the 100-level courses. At least one BIO class used to satisfy the minor requirements must be classified as an open, unrestricted or free elective course on the student’s Academic Evaluation/Progress Report. A minimum grade of C- must be achieved in all courses for the minor with an overall minimum cumulative GPA of 2.0. Students who wish to minor in biology are required to consult with the adviser to biology minors within the Biology Department to design a minor that best meets their needs.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BIO 101</td>
<td>General Biology I and General Biology I Lab</td>
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<tr>
<td>BIO 102</td>
<td>General Biology II and General Biology Lab II</td>
<td>4</td>
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<tr>
<td>BIO 105</td>
<td>Introduction to the Biological Sciences I and Introduction to Biological Science Lab</td>
<td>4</td>
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<tr>
<td>BIO 106</td>
<td>Science and Society: Concepts and Current Issues and Science and Society: Concepts and Current Issues Lab</td>
<td>4</td>
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<tr>
<td>BIO 120</td>
<td>The Biology of Beer</td>
<td>3</td>
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<tr>
<td>BIO 121</td>
<td>Human Genetics from ACTG to XY</td>
<td>3</td>
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<tr>
<td>BIO 128</td>
<td>Global Health Challenges: A Human Perspective and Global Health Challenges Lab</td>
<td>4</td>
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<tr>
<td>BIO 150</td>
<td>General Biology for Majors and General Biology for Majors Laboratory</td>
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<tr>
<td>BIO 151</td>
<td>Molecular and Cell Biology and Genetics and Molecular and Cell Biology and Genetics Lab</td>
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<td>BIO 152</td>
<td>Ecological and Biological Diversity and Ecological and Biological Diversity Laboratory</td>
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<tr>
<td>BIO 161</td>
<td>Introduction to the Biological Aspects of Science and Society</td>
<td>3</td>
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Possible courses include:

BIO 205 Bioethics 3
BIO 208 Introduction to Forensic Science and Introduction to Forensic Science Laboratory 4
BIO 211 Human Anatomy and Physiology I and Human Anatomy and Physiology Lab I 4
BIO 212 Human Anatomy and Physiology II and Human Anatomy and Physiology II Lab 4
BIO 218 Vertebrate Natural History 4
BIO 225 Physiological Diversity and Physiological Diversity Lab 4
BIO 240 Cellular Communication 3
BIO 250 Biology Journal Club 1
BIO 259 Biology Elective 1-15
BIO 282 Genetics and Genetics Lab 4
BIO 298 Research Methods in Biology 3
BIO 317 Developmental Biology and Developmental Biology Lab 4
BIO 323 Invertebrate Zoology and Invertebrate Zoology Lab 4
BIO 328 Human Clinical Parasitology and Human Clinical Parasitology Lab 4
BIO 329 Neurobiology 3
BIO 346 Cell Physiology and Cell Physiology Lab 4
BIO 350 Cardiovascular Physiology 3
BIO 352 Botany and Botany Lab 4
BIO 356 Aquatic Ecology and Aquatic Ecology Lab 4
BIO 358 Life on a Changing Planet and Life on a Changing Planet Lab 4
BIO 365 Cancer Biology 3
BIO 375 Physiological Models for Human Disease and Physiological Models for Human Disease Lab 4
BIO 382 Human Genetics and Human Genetics Lab 4
BIO 383 Evolution 3
BIO 385 Experiential Inquiry in Biology 1-4
BIO 471 Molecular Genetics 3