BIOLOGY WITH TEACHER CERTIFICATION IN BIOLOGICAL SCIENCE (PRESCHOOL-GRADE 12) (B.S.)

Students who wish to pursue P-12 in Biological Science teacher certification must apply to and be admitted to the Teacher Education Program. Please visit the Teacher Education Program website (http://www.montclair.edu/cehs/academics/cop/) for the required professional sequence of courses and other important Program requirements, guidelines, and procedures. Students are strongly advised to review the Teacher Education Program Handbook. The course SASE 402 Methods of Teaching Science in Secondary Schools is a requirement.

120 credits of coursework is required for the baccalaureate degree with a minimum 3.0 overall GPA. Minimum Major GPA of 2.75 is required. Consult the Teacher Education Handbook for more information.

Program Requirements Overview

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Major Requirements

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<td>CHEM 121</td>
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<td>CHEM 232</td>
<td>Experimental Organic Chemistry I</td>
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<td>PHYS 193 &amp; PHYS 194</td>
<td>College Physics I and College Physics II</td>
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Collateral Earth Science Course

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<td>EAES 105</td>
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<td>EAES 107</td>
<td>Earth and the Environment</td>
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<td>EAES 240</td>
<td>Earth System History</td>
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Total Credits 70

Biology Teacher Ed Major Electives

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<td>Biology of Cancer</td>
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<td>Environmental Biology and Related Controversial Issues</td>
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<td>Introduction to Animal Behavior</td>
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<td>BIOL 351</td>
<td>Introduction to Aquatic Ecology</td>
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<td>Principles of Ecology</td>
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<td>Externship in Biological Research (Co-operative Education)</td>
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**Teacher Education Program Requirements**

Teacher Education Program Requirements (Teacher Certification in Subject Area P-12) (http://catalog.montclair.edu/programs/teacher-education-program-requirements-p12/)

**General Education Requirements**

Click here for a list of courses that fulfill General Education categories. (http://catalog.montclair.edu/programs/general-education-requirements-ba-bs/)

**Recommended Roadmap to Degree Completion**

This four-year plan is provided as an outline for students to follow in order to complete their degree requirements within four years. This plan is a recommendation and students should only use it in consultation with their academic advisor.

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### Third Year

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**Total Credits 120-123**