Biological Sciences, Minor

The minor in Biological Sciences (BSCI) is for students in majors outside the department to gain an appreciation of biological sciences and includes courses in cell biology, genetics, evolutionary biology, physiology, neurobiology, biochemistry, molecular biology, immunobiology, ecology, microbiology and plant biology.

Minor in Biological Sciences

The minor in Biological Sciences consists of four required courses listed below (13 credit hours) and two electives chosen from Biological Sciences or one Biological Sciences elective and ANTH 2201 Human Evolutionary Processes (6-7 credit hours) for a total of 19-20 credit hours.

Note:

- BIOL 1009 Biology for Non-Science Majors, BIOL 1406 Plants, Pathogens and People, BIOL 1410 Biology of Human Disease, and BIOL 4956 Laboratory Research Project in Biological Sciences cannot be taken except with consent of department chair.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1001</td>
<td>General Biology 1</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 1002</td>
<td>General Biology 2</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 2001</td>
<td>Principles of Biological Investigation</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1001</td>
<td>General Chemistry 1</td>
<td>4</td>
</tr>
<tr>
<td>or CHEM 1013</td>
<td>General Chemistry 1 for Majors</td>
<td></td>
</tr>
</tbody>
</table>

Electives - Choose two of the following:

- ANTH 2201 Human Evolutionary Processes
- BIOL 3101 Biochemistry and the Molecular Basis of Biology
- BIOL 3201 Genetics
- BIOL 3301 Cell Biology
- BIOL 3400 Ecology
- BIOL 3404 Evolutionary Biology
- BIOL 4201 Genomics and Bioinformatics
- BIOL 4401 Advanced Ecology
- BIOL 4410 Conservation Biology
- BIOL 4406 Plant Biology
- BIOL 4501 Cellular Neurobiology
- BIOL 4601 Animal Development
- BIOL 4701 Human Physiology
- BIOL 4703 Exercise Physiology
- BIOL 4801 Microbiology
- BIOL 4806 Immunobiology

Total Credit Hours: 19-20

University Policies

- Academic Advising (https://bulletin.marquette.edu/policies/academic-advising/)
- Academic Censure - Undergraduate (https://bulletin.marquette.edu/policies/academic-censure/undergraduate/)
- Academic Integrity (https://bulletin.marquette.edu/policies/academic-integrity/)
- Academic Misconduct (https://bulletin.marquette.edu/policies/academic-misconduct-policy/)
- Academic Program Definitions (https://bulletin.marquette.edu/policies/academic-programs-defined/)
- Academic Standing (https://bulletin.marquette.edu/policies/academic-standing/)
- Accelerated Degree Programs (https://bulletin.marquette.edu/policies/accelerated-degree-programs/)
- Advanced Standing Credit - Undergraduate (https://bulletin.marquette.edu/policies/advanced-standing-undergraduate/)
- Attendance - Undergraduate (https://bulletin.marquette.edu/policies/attendance/undergraduate/)
- Audit - Undergraduate (https://bulletin.marquette.edu/policies/audit/)
- Awarding Diplomas and Certificates (https://bulletin.marquette.edu/policies/awarding-diplomas-certificates/)
College of Arts and Sciences Policies

- Background Checks, Drug Testing (https://bulletin.marquette.edu/policies/background-checks-drug-testing/)
- Class Rank (https://bulletin.marquette.edu/policies/class-rank/)
- Classification - Undergraduate (https://bulletin.marquette.edu/policies/classification-undergraduate/)
- Commencement (https://bulletin.marquette.edu/policies/commencement/)
- Conferral of Degrees and Certificates (https://bulletin.marquette.edu/policies/conferral-degrees-certificates/)
- Course Levels (https://bulletin.marquette.edu/policies/course-levels/)
- Credit Overload (https://bulletin.marquette.edu/policies/credit-load-undergraduate/)
- Examinations (Midterm and Final) - Undergraduate (https://bulletin.marquette.edu/policies/examinations-midterm-final-undergraduate/)
- Faculty Grading (https://bulletin.marquette.edu/policies/faculty-grading/)
- Family Education Rights and Privacy Act-FERPA (https://bulletin.marquette.edu/policies/ferpa/)
- Grade Appeals (https://bulletin.marquette.edu/policies/grade-appeals/)
- Grading System - Undergraduate and Health Science Professional (https://bulletin.marquette.edu/policies/grading-system/undergraduate-healthscienceprofessional/)
- Graduation - Undergraduate (https://bulletin.marquette.edu/policies/graduation/undergraduate/)
- Immunization and Tuberculosis Screening Requirements (https://bulletin.marquette.edu/policies/immunization-and-tuberculosis-screening/)
- Last Date of Attendance/Activity (https://bulletin.marquette.edu/policies/last-dateof-attendance-activity/)
- Major and Minor Declaration - Undergraduate (https://bulletin.marquette.edu/policies/major-declaration/)
- Medical Withdrawal (https://bulletin.marquette.edu/policies/medical-withdrawal/)
- Military Call to Active Duty or Training (https://bulletin.marquette.edu/policies/militarycall-active-duty-training/)
- Non-Degree Undergraduate Students (https://bulletin.marquette.edu/policies/non-degree-undergraduate-students/)
- Readmission - Undergraduate (https://bulletin.marquette.edu/policies/readmission/)
- Registration - Undergraduate (https://bulletin.marquette.edu/policies/registration/undergraduate/)
- Repeated Courses - Undergraduate (https://bulletin.marquette.edu/policies/repeated-courses/undergraduate/)
- Second Language Course Placement - Undergraduate (https://bulletin.marquette.edu/policies/second-language-course-placement-undergraduate/)
- Second/Additional Bachelor Degree (https://bulletin.marquette.edu/policies/second-additional-bachelor-degree/)
- Student Data Use and Privacy (https://bulletin.marquette.edu/policies/student-data-use-privacy/)
- Study at Other Institutions - Undergraduate (https://bulletin.marquette.edu/policies/study-institutions/)
- Transcripts - Official (https://bulletin.marquette.edu/policies/transcripts-official/)
- Transfer (Internal) to Another Undergraduate College within the University (https://bulletin.marquette.edu/policies/transfer-internal-another-undergraduate-college-within-university/)
- Withdrawal - Undergraduate (https://bulletin.marquette.edu/policies/withdrawals/undergraduate/)

College of Arts and Sciences Policies

- Absences from Final Examinations (https://bulletin.marquette.edu/arts-sciences/policies/absences-final-examinations/)
- Academic Dismissal/Probation/Academic Alert (CAA) (https://bulletin.marquette.edu/arts-sciences/policies/dismissal-probation-alert/)
- Academic Integrity (https://bulletin.marquette.edu/arts-sciences/policies/academic-integrity/)
- Advisers (https://bulletin.marquette.edu/arts-sciences/policies/advisers/)
- Attendance (https://bulletin.marquette.edu/arts-sciences/policies/attendance/)
- Credit Overload (https://bulletin.marquette.edu/arts-sciences/policies/credit-overload/)
- Degrees Offered (https://bulletin.marquette.edu/arts-sciences/policies/degrees-offered/)
- Elective Courses (https://bulletin.marquette.edu/arts-sciences/policies/elective-courses/)
- Grade Minimums (https://bulletin.marquette.edu/arts-sciences/policies/grade-minimums/)
- Independent Study Courses (https://bulletin.marquette.edu/arts-sciences/policies/independent-study-courses/)
- Interdisciplinary Programs (https://bulletin.marquette.edu/arts-sciences/policies/interdisciplinary-programs/)
- Majors and Minors (https://bulletin.marquette.edu/arts-sciences/policies/majors-minors/)
- Transfer Credit Policy (https://bulletin.marquette.edu/arts-sciences/policies/transfer-credit-policy/)