**Science & Mathematics Electives**

Choose only from the courses listed below. If you are unsure whether a course will meet this requirement check with the advisor.

### Anthropology
- ANTH 168 – Introduction to Biological Anthropology
- ANTH 242 – Biology, Culture, and Lifestyle
- ANTH 243 – Medical Anthropology
- ANTH 244 – Plagues, Culture and History
- ANTH 245 – Bones, Bugs and Forensic Science
- ANTH 246 – Sex and Evolution
- ANTH 248 – Darwinian Medicine
- ANTH 249 – Introduction to Epidemiology
- ANTH 332 – Forensic Anthropology
- ANTH 335 – Human Origins
- ANTH 336 – The Human Skeleton
- ANTH 338 – Introduction to the Primates
- ANTH 380N – Neuroanthropology

*Courses at a higher level may be acceptable, see advisor*

### Astronomy
- ASTR 114 – Sun, Stars, and Galaxies

### Biochemistry
- BCHM (all courses)

### Biology
- BIOL (all courses)

### Chemistry
- CHEM (all courses except CHEM 100)

### Computer Science
- CS 100 – Fundamentals of Programming Using Basic
- CS 105 – Introduction to Computing
- CS 110 – Programming Concepts and Applications
- CS 205 – Advanced Computer Applications

*Courses at a higher level than CS 205 may be acceptable, see advisor*

### Environmental Studies
- ENVI 101 – Humans & Ecological Environment
- ENVI 121 – Pollution: Natural & Unnatural
- ENVI 142 – Water & Watersheds
- ENVI 201 – Humans & Physical Environment
- ENVI 342 – Environmental Hydrology (also GEOL 342)

### Geography
- GEOG 101 – Introduction to Geography
- GEOG 103 – Multicultural Geographies of the U.S.
- GEOG 105 – Introduction to Geotechnologies of Space & Science
- GEOG 120 – Weather and Climate
- GEOG 121 – Physical Geography
- GEOG 151 – World Regional Geography

*Courses at a higher level may be acceptable, see advisor*

### Geology
- GEOL (all courses)

### Health & Wellness
- HWS 332 – Nutrition
- HWS 338 – Psych of Sport and Exercise

### Mathematics
- MATH 130 – Mathematics in Action
- MATH 220 – Calculus for Business & Management
- MATH 224 & 225 – Calculus I (must complete both 2 cr courses)
- MATH 226 & 227 – Calculus II (must complete both 2 cr courses)

*Courses at a higher level than MATH 226 & 227 may be acceptable, see advisor*

### Philosophy
- PHIL 121 – Methods of Reasoning
- PHIL 122 – Elementary Logic

### Physics
- PHYS (all courses)

### Math/Science Transfer Courses
- MSCI (and courses equivalent to courses listed above)

**Special Notes:**
- You may choose any 4 credit course above to meet this requirement. Transfer courses that are 3 credits or higher may also be acceptable. Check with the advisor to ensure any courses taken outside of Binghamton can count as math/science electives.
- IMPORTANT: Not all courses that have the Gen Ed mathematics (M) designation will count as math/science electives.
- Cross-listed courses can match with either department (e.g., ENVI 121 or GEOL 121 will count)
- Liberal Arts Transfer Courses (LART) do not count towards the major.
- The frequency of these course offerings is up to the individual departments, not all courses will be offered every semester.
- It is the student’s responsibility to determine if any of the above courses have required pre-requisites.

### Psychology Electives

<table>
<thead>
<tr>
<th>Course</th>
<th>Gen Ed</th>
<th>Pre-requisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 220 Developmental Psychology</td>
<td>(S)</td>
<td>PSYC 111</td>
</tr>
<tr>
<td>PSYC 223 Behavior Disorders</td>
<td>(S)</td>
<td>PSYC 111</td>
</tr>
<tr>
<td>PSYC 228 Social Psychology</td>
<td>(N)</td>
<td>PSYC 111</td>
</tr>
<tr>
<td>PSYC 327 Evolution and Behavior</td>
<td></td>
<td>PSYC 111 or junior biology standing</td>
</tr>
<tr>
<td>PSYC 330 Drugs and Behavior</td>
<td>(S)</td>
<td>PSYC 111</td>
</tr>
<tr>
<td>PSYC 382 Personality</td>
<td></td>
<td>PSYC 111</td>
</tr>
</tbody>
</table>

PSYC course numbers that are cross listed (offered by other departments): See individual courses

Any 2 additional Math/Science electives from the above chart

Transfer courses that are PSYC electives (see advisor)

*A copy of this requirements sheet can be downloaded from: [https://www.binghamton.edu/psychology/advising/](https://www.binghamton.edu/psychology/advising/)  Last updated: 9/24/18*