## Required Courses (72-76 semester hours)

<table>
<thead>
<tr>
<th>Course &amp; No.</th>
<th>Hrs.</th>
<th>Check</th>
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<tbody>
<tr>
<td>ENV 101</td>
<td>(3)</td>
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<tr>
<td>ENV 520</td>
<td>(3)</td>
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<tr>
<td>BIOL 203</td>
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<tr>
<td>BIOL 204</td>
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<tr>
<td>BIOL 205 or 206</td>
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<tr>
<td>BIOL 300</td>
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<tr>
<td>BIOL 403 or 515</td>
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<tr>
<td>CHEM 301 or 310</td>
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<tr>
<td>CHEM 303 or 311</td>
<td>(1)</td>
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<tr>
<td>GEOL 110</td>
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<tr>
<td>GEOL 113</td>
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<tr>
<td>GEOL 340</td>
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<tr>
<td>MATH 141</td>
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<tr>
<td>MATH 105 or 201</td>
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<tr>
<td>PHYS 201 or 211</td>
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<tr>
<td>CHEM 300</td>
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<tr>
<td>CHEM 303</td>
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</tbody>
</table>

### A. Science/Math electives (9-13 hrs)
Select from the following at least 2 designators:
- ANTH 540
- BIOL 205 or 206, BIOL 310
- CHEM 302/304, 312/313/314, 315
- ENVS 495, 510
- GEOL 201, 220, 335
- GEOG 500
- MATH 202, 300, 305, 546
- PHYS 202 or 212

### B. Environmental Humanities and Social Science electives (12 hrs)
Select from at least 3 designators:
- GEOG 101 or 201, 305
- ECON 103 or 215 and 343
- HIST 530
- PHIL 340
- PLSC 325
- PSYC 311
- SOCL 310

### Foreign Language (0-4)

### General Electives (0-37 semester hours)

### General Education Requirements

#### Critical Skills

- Writing and Critical Thinking
  - WRIT 101 (A grade of C- or better is required) 3
  - CRTW 201 (A grade of C- or better in HMXP 102 is required as a prerequisite) 3

#### Quantitative Skills (met by major)

- MATH 141 (3)
- MATH 105 or 201 (3)
- PHYS 201 or 211 (4)
- CHEM 301 or 310 (3)

#### Logic/Language/Semiotics (met by major)

- Foreign Language (102-level proficiency required)

#### Oral Communication (see approved list; may be met by another requirement)

- Technology (see approved list — CSCI 101 recommended)

### Skills for Common Experience and Thinking Across Disciplines

- HMXP 102 (A grade of C- or better in WRIT 101 is required as a prerequisite) 3
- Global Perspectives (see approved list; may be met by major)

### Developing Critical Skills and Applying them to Disciplines

- Natural Science (met in major)
- Social Science (may be met in major; see approved list)*

### Humanities and Art (may be met in major; see approved list)*

* A total of 15 hours is required in Social Science/Humanities and Arts including 2 subject designators in each area.

### Intensive Writing (met by major)

### Constitution Requirement (may be met by another requirement; see approved list)

### Notes

1. Unless stated otherwise, a single course **may not** be used for more than one general education requirement or in a major and a minor.
2. All Arts and Sciences majors require a minimum of 40 hours in courses numbered above 299.
3. Attendance at three cultural events is required for each 20 hours completed in residence at Winthrop.