**Liberal Arts and Science: Mathematics and Science**  
*Adirondack Community College*  
**Articulated to**  
*Environmental Science Earth Science*  
*College at Oneonta*

### First Semester
- HRD Freshman Experience: 1-4sh
- ENG 101 Writing I: 3sh
- BIO 112 General Botany: 4sh
- GEO 101 Physical Geology: 4sh
- SUNY Gen Ed US History: 3sh
- PED Physical Education: 1sh

**Total: 16-19sh**

### Second Semester
- ENG 102-110 Writing II: 3sh
- CHM 111 General Chemistry I: 4sh
- PHY 111 or EGR 105: 4sh
- SUNY Gen Ed Other Civilization: 3sh
- PED Physical Education: 1sh

**Total: 15sh**

### Third Semester
- SUNY Gen Ed Western Civilization: 3sh
- SUNY Gen Ed Social Science: 3sh
- CHM 112 General Chemistry II: 4sh
- GEO 102 Historical Geology: 4sh
- SUNY Foreign Language Course: 3sh

**Total: 17sh**

### Fourth Semester
- SUNY Gen Ed Arts Course: 3sh
- SUNY Gen Ed Humanities Course: 3sh
- MAT 127 Statistics: 4sh
- Elective Credit (non physical edu): 5sh

**Total: 15sh**

### Oneonta Equivalencies

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Oneonta Equivalencies</th>
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<tbody>
<tr>
<td>Elective Credit: 1-4sh</td>
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</tr>
<tr>
<td>COMP 100 Composition: 3sh</td>
<td>COMP 200 Advanced Composition: 3sh</td>
</tr>
<tr>
<td>BIOL 105 General Biology II: 4sh</td>
<td>CHEM 111 General Chemistry I: 4sh</td>
</tr>
<tr>
<td>GEOL 120 Intro to Geology: 4sh</td>
<td>PHYS 103 or PHYS 203: 4sh</td>
</tr>
<tr>
<td>US History Gen Ed Met: 3sh</td>
<td>Other Civilization Gen Ed Met: 3sh</td>
</tr>
<tr>
<td>Physical Education Elective: 1sh</td>
<td>Physical Education Elective: 1sh</td>
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</table>

**Total: 15sh**
Students following the above outline would have to complete the following coursework at Oneonta State College upon transfer:

- Oneonta General Education 3sh
- ENVS 101 Environmental Science 3sh
- ENVS 201 Environmental Issues 3sh
- ENVS 205 Atmospheric Env. 3sh
- ENVS 230 Mineral Resources 3sh
- ENVS 290 Waste Management 3sh
- ESCI 210 Software Application 3sh
- GEOL 201 Environmental Geology 3sh
- GEOL 382 Intro to Hydrology 3sh

**Complete one of the following:**

- ESCI 396 Seminar in Env. Sci. or ESCI 397 Internship in Chemistry or ESCI 398 Senior Thesis Earth Sci. 3sh
- ENVS 210 Tech Writing in Sciences 2sh
- GEOG 100 Intro to Geography 3sh

**Complete one of the following:**

- BIOL 286 Intro Env. Pollution or CHEM 214 Environmental Chem. or PHYS 240 Environmental Physics 3sh

**REQUIRED 38 SEMESTER HOURS+ ELECTIVE CREDIT TO REACH 122 MINIMUM CREDITS FOR GRADUATION**

**Fifth Semester**
- ENVS 101 Environmental Science 3sh
- GEOL 201 Environmental Geology 3sh
- GEOG 100 Intro to Geography 3sh
- Upper Division Elective Credit 3sh
- Elective Credit 3sh
- **Total: 15sh**

**Sixth Semester**
- ENVS 201 Environmental Issues 3sh
- ESCI 210 Software Application 3sh
- GEOL 382 Intro to Hydrology 3sh
- Upper Division Elective Credit 3sh
- Elective Credit 3sh
- **Total: 15sh**

**Seventh Semester**
- ENVS 205 Atmospheric Env. 3sh
- ENVS 230 Mineral Resources 3sh
- BIOL 286 Intro Env. Pollution 3sh
- Oneonta General Education 3sh
- Elective Credit 3sh
- **Total: 15sh**

**Eighth Semester**
- ESCI 398 Senior Thesis in Earth Sci 3sh
- ENVS 290 Waste Management 3sh
- ENVS 210 Tech Writing in Sciences 2sh
- Upper Division Elective Credit 3sh
- Elective Credit 3sh
- **Total: 14sh**

The previous schedule shows how the requirements for the BS in Environmental Science Earth Science may be met in eight semesters when transferring from Adirondack Community College with an Associates degree in Liberal Arts and Sciences: Mathematics and Science. This schedule is an example of one of many possible different schedules. It is included only as an illustration of the type of schedule that might be followed by a full time student. All students should consult their advisors when they plan their schedules at Adirondack Community College and then at Oneonta State College upon transfer.