### Liberal Arts and Science: Mathematics and Science

**Adirondack Community College**

**Articulated to**

**Environmental Science Biology**

**College at Oneonta**

#### First Semester
- HRD Freshman Experience: 1sh
- ENG 101 Writing I: 3sh
- BIO 111 General Zoology: 4sh
- MAT 127 Statistics: 4sh
- SUNY Gen Ed US History: 3sh
- PED Physical Education: 1sh

**Total:** 16sh

#### Second Semester
- ENG 102-110 Writing II: 3sh
- BIO 112 General Botany: 4sh
- PHY 111 or EGR 105: 4sh
- GEO 101 Physical Geology: 4sh
- PED Physical Education: 1sh

**Total:** 16sh

#### Third Semester
- SUNY Gen Ed Western Civilization: 3sh
- SUNY Gen Ed Social Science: 3sh
- CHM 111 General Chemistry I: 4sh
- BIO 205 General Ecology: 4sh
- SUNY Foreign Language Course: 3sh

**Total:** 17sh

#### Fourth Semester
- SUNY Gen Ed Arts Course: 3sh
- SUNY Gen Ed Humanities Course: 3sh
- CHM 112 General Chemistry II: 4sh
- BIO 113 Microbiology: 4sh
- BIO 110 Intro Marine Biology: 3sh

**Total:** 17sh

#### Oneonta Equivalencies

**First Semester**
- Elective Credit: 1sh
- COMP 100 Composition: 3sh
- BIOL 100 General Biology I: 4sh
- STAT 101 Intro to Statistics: 4sh
- US History Gen Ed Met: 3sh
- Physical Education Elective: 1sh

**Total:** 16sh

**Second Semester**
- COMP 200 Advanced Composition: 3sh
- BIOL 105 General Biology II: 4sh
- PHYS 103 or PHYS 203: 4sh
- GEOL 120 Intro to Geology: 4sh
- Physical Education Elective: 1sh

**Total:** 16sh

**Third Semester**
- Western Civilization Gen Ed Met: 3sh
- Social Science Gen Ed Met: 3sh
- CHEM 111 General Chemistry I: 4sh
- BIOL 282 General Ecology: 4sh
- Foreign Language Gen Ed Met: 3sh

**Total:** 17sh

**Fourth Semester**
- Arts Gen Ed Met: 3sh
- Humanities Gen Ed Met: 3sh
- CHEM 112 General Chemistry II: 4sh
- BIOL 203 Elementary Microbiology: 4sh
- BIOL 259 Marine Biology: 3sh

**Total:** 17sh
Students following the above outline would have to complete the following coursework at Oneonta State College upon transfer:

Oneonta General Education 6sh
ENVS 101 Environmental Science 3sh
ENVS 201 Environmental Issues 3sh
BIOL 211 Intro Cell & Molecular 3sh
BIOL 236 Vascular Plants 3sh
BIOL 250 Nat. Hist. Vertabrates 4sh
BIOL 381 Plant Ecology 3sh
BIOL 242 Invertebrate Zoology 4sh

*Complete one of the following:*
BIOL 397 Internship in Biology
BIOL 398 Undergraduate Seminar 3sh
ENVS 210 Tech Writing in Sciences 2sh
GEOG 100 Intro to Geography 3sh

REQUIRED 40-41 SEMESTER HOURS+ ELECTIVE CREDIT TO REACH 122 MINIMUM CREDITS FOR GRADUATION

Fifth Semester
ENVS 101 Environmental Science 3sh
BIOL 236 Vascular Plants 3sh
GEOG 100 Intro to Geography 3sh
Oneonta General Education 3sh
Elective Credit 3sh

Sixth Semester
ENVS 201 Environmental Issues 3sh
BIOL 242 Invertebrate Zoology 4sh
CHEM 214 Environmental Chem. 3sh
Upper Division Elective 3sh
Elective Credit 3sh

Seventh Semester
BIOL 250 Nat. Hist. Vertabrates 4sh
BIOL 211 Intro to Cell & Molecular 3sh
Oneonta General Education 3sh
Upper Division Elective 3sh

Eighth Semester
BIOL 381 Plant Ecology 3sh
BIOL 398 Undergraduate Seminar 3sh
ENVS 210 Tech Writing in Sciences 2sh
Elective Credit 3sh
Elective Credit 3sh

The previous schedule shows how the requirements for the BS in Environmental Science Biology 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.**