

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

Oneonta Equivalencies

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
	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
	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
	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
	17sh

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

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

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

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

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
<i>Complete one of the following:</i>	
BIOL 397 Internship in Biology	
BIOL 398 Undergraduate Seminar	3sh
ENVS 210 Tech Writing in Sciences	2sh
GEOG 100 Intro to Geography	3sh
<i>Complete one of the following:</i>	
CHEM 214 Environmental Chem.	
CHEM 226 Elem. Organic Chem.	
ESCI 290 Waste Management	
PHYS 290 Environmental Physics	3-4sh

**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
	15sh

Sixth Semester

ENVS 201 Environmental Issues	3sh
BIOL 242 Invertebrate Zoology	4sh
CHEM 214 Environmental Chem.	3sh
Upper Division Elective	3sh
Elective Credit	3sh
	16sh

Seventh Semester

BIOL 250 Nat. Hist. Vertabrates	4sh
BIOL 211 Intro to Cell & Molecular	3sh
Oneonta General Education	3sh
Upper Division Elective	3sh
	13sh

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
	14sh

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.**