

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

Oneonta Equivalencies

First Semester

HRD Freshman Experience	1-4sh
ENG 101 Writing I	3sh
BIO 111 General Zoology	4sh
MAT 131 Calculus I	4sh
SUNY Gen Ed US History	3sh
PED Physical Education	1sh

16-19sh

Second Semester

ENG 102-110 Writing II	3sh
BIO 112 General Botany	4sh
SUNY Gen Ed Social Science	3sh
MAT 132 Calculus II	4sh
PED Physical Education	1sh

15sh

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 212 Genetics	4sh

14sh

First Semester

Elective Credit	1-4sh
COMP 100 Composition	3sh
BIOL 100 General Biology I	4sh
MATH 173 Calculus I	4sh
US History Gen Ed Met	3sh
Physical Education Elective	1sh

Second Semester

COMP 200 Advanced Composition	3sh
BIOL 105 General Biology II	4sh
Social Science Gen Ed Met	3sh
MATH 174 Calculus II	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 212 General Genetics	4sh

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

Oneonta General Education 6sh
 BIOL 211 Intro Cell & Molecular 3sh
 Major Electives 15sh

One 300 level Biology course
 (This may overlap with Major Elective) 3sh

Complete one of the following options:

CHEM 221 and CHEM 322
 CHEM 226 and CHEM 330
 CHEM 221 and CHEM 330
 CHEM 226 and CHEM 322 8sh

Complete two courses listed below:

CSCI 100 Intro Computing Tech
 CSCI 116 Fund. of Programming
 PHYS 103 General Physics I (non-calc)
 PHYS 104 General Physics II (non-calc)
 PHYS 203 General Physics I
 PHYS 204 General Physics II
 STAT 101 Intro to Statistics
 STAT 201 Statistical Method I 6-8sh

**REQUIRED 38-43 SEMESTER
 HOURS+ ELECTIVE CREDIT TO
 REACH 122 MINIMUM CREDITS
 FOR GRADUATION**

Fifth Semester

PHYS 103 General Physics I noncalc 3sh
 Major Electives 3sh
 Oneonta General Education 3sh
 CHEM 221 4sh
13sh

Sixth Semester

PHYS 104 General PhysicsII noncalc 3sh
 Major Electives 3sh
 Major Electives 3sh
 CHEM 322 4sh
 200 level Elective Credit 3sh
16sh

Seventh Semester

BIOL 211 Intro to Cell & Molecular 3sh
 Major Electives 3sh
 200 level Elective Credit 3sh
 Elective Credit 4sh
 Elective Credit 3sh
16sh

Eighth Semester

Major Electives 3sh
 Oneonta General Education 3sh
 200 level Elective Credit 3sh
 200 level Elective Credit 3sh
12sh

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