Articulation Agreement
Clinton Community College Associate in Science in Liberal Arts: Math and Science
And
State University of New York College at Plattsburgh Bachelor of Science in Ecology
Spring 2010

THE AGREEMENT

This articulation agreement is intended to facilitate the transfer of graduates from Clinton Community College’s Liberal Arts and Science (A.S.) to SUNY Plattsburgh’s Ecology (B.S.) degree. The objectives, terms and conditions of this agreement are set forth as follows:

OBJECTIVES

1. To attract qualified students to Clinton Community College and SUNY Plattsburgh.
2. To facilitate upward educational and career mobility in the Environmental Science profession.
3. To promote the efficient transfer of qualified students from Clinton Community College to SUNY Plattsburgh.
4. To disseminate program specific information to students who wish to obtain a baccalaureate degree in Ecology.
5. To provide students with advisement in academic and career planning throughout their program of study.
6. To reduce the completion of unnecessary courses.
7. To facilitate communication and academic coordination between faculty, students and administrators at each institution.

TERMS AND CONDITIONS

1. A graduate of Clinton Community College will be accepted as a matriculated student in SUNY Plattsburgh’s Ecology program, upon meeting the following conditions:
   a. Applying for admission to Plattsburgh.
   b. Achieving a minimum over-all cumulative grade point average of 2.0.
2. Plattsburgh will accept up to 67 transfer credits.
1. A Bachelor of Science degree with the major in Ecology will be awarded to the student upon meeting the following conditions:
   a. Satisfactory completion of a minimum of 120 credits.
   b. A minimum grade point average of 2.0.
   c. A minimum grade of “C” in English Composition (Clinton’s ENG101).
   d. A minimum overall GPA of 2.0 in all Environmental Science (ENV) courses.
   e. A minimum of 42 credits of upper-division, 300-400 level, courses, with 21 upper-division credits required in residence at Plattsburgh.
   f. A residency requirement of 36 credits granted by Plattsburgh, with 18 of those 36 credits in major (ENV) courses.
g. Completion of a minimum of 60 credits of liberal arts courses.
h. Completion of all necessary General Education requirements.
i. Completion of all Environmental Science requirements.

2. Clinton Community College and SUNY Plattsburgh will disseminate information about the articulation agreement in appropriate publications.

3. Changes in this agreement can be made at any time by mutual consent.

4. This agreement will remain in effect until May 1, 2013. This agreement may be terminated by either party prior to this date. Termination would require a minimum of six months notification.

Clinton Community College
Liberal Arts & Science: Math & Science – Associate in Science

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Title</th>
<th>Cr. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Basic Skills Courses (If Indicated by Placement Test):</td>
<td></td>
</tr>
<tr>
<td>ENG093</td>
<td>Reading &amp; Study Skills</td>
<td>0</td>
</tr>
<tr>
<td>ENG094</td>
<td>Fundamentals of Composition</td>
<td>0</td>
</tr>
<tr>
<td>MAT096</td>
<td>Arithmetic</td>
<td>0</td>
</tr>
<tr>
<td>MAT098</td>
<td>Pre-Algebra</td>
<td>0</td>
</tr>
<tr>
<td>MAT100</td>
<td>Introductory Algebra</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>English:</td>
<td></td>
</tr>
<tr>
<td>ENG101</td>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENG102</td>
<td>Literature and Composition</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Humanities:</td>
<td></td>
</tr>
<tr>
<td>COM101</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Foreign Language</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Social Sciences:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Social Science Elective(1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS101</td>
<td>History of Early America</td>
<td>OR</td>
</tr>
<tr>
<td>HIS102</td>
<td>History of Modern America</td>
<td>3</td>
</tr>
<tr>
<td>HIS121</td>
<td>Origins of Western Civilization</td>
<td>OR</td>
</tr>
<tr>
<td>HIS122</td>
<td>Western Civilization in the Modern Era</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Mathematics:</td>
<td></td>
</tr>
<tr>
<td>MAT204</td>
<td>College Algebra with Trigonometry II</td>
<td>4</td>
</tr>
<tr>
<td>MAT224</td>
<td>Calculus and Analytical Geometry I</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Sciences:</td>
<td></td>
</tr>
<tr>
<td>BIO101</td>
<td>General Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIO102</td>
<td>General Biology II</td>
<td>4</td>
</tr>
</tbody>
</table>

Math/Science Electives: (2)
CHE111  General Chemistry I  4
CHE112  General Chemistry II  4
CHE241  Organic Chemistry I  4

Health and Physical Education:
HPE  HPE Activity Courses  2

Information Literacy:
LIB101  Library Research Skills  1

Free Electives:(2)
ENV101  Introduction to Environmental Science  4
GEL101  Physical Geology  4
MAT161  Introductory Statistics  3

Total Credits Required (3)  62

(1) Student should select one course approved to meet the SUNY General Education Social Sciences requirement.
(2) While other choices are available to complete the Associate in Science, these courses have been recommended to best prepare students for entry to the Ecology Program.
(3) Excludes MAT 100.

Course Equivalencies

Clinton Community College  SUNY Plattsburgh
BIO101  General Biology I  BIO101  General Biology I
BIO102  General Biology II  BIO102  General Biology II
CHE111  General Chemistry I  CHE111  Fund. Prin. of Chemistry I
CHE112  General Chemistry II  CHE112  Fund. Prin. of Chemistry II
CHE241  Organic Chemistry I  CHE241  Organic Chemistry I
COM101  Public Speaking  CMM101  Intro to Public Speaking
ENG093  Reading & Study Skills  DOES NOT TRANSFER
ENG094  Fund. of Composition  DOES NOT TRANSFER
ENG101  English Composition  ENG101  College Writing II
ENG102  Literature & Composition  ENG195  Fund. of Literary Study I
ENV101  Environmental Science  ENV201  Environment and Society
GEL101  Physical Geology  GEL101  Physical Geology
HIS101  Hist. of Early America  HIS101  US Civilization to 1877
HIS102  Hist. of Modern America  HIS102  US Civilization Since 1877
HIS121  Origins of Western Civ.  HIS121  European Civ. to 1815
HIS122  Western Civ. in Mod. Era  HIS122  European Civ Since 1815
LIB101  Library Research Skills  LIB105  Intro. Info. & Tech. Literacy
MAT096  Arithmetic  DOES NOT TRANSFER
MAT098  Pre-Algebra  DOES NOT TRANSFER
MAT100  Introductory Algebra   DOES NOT TRANSFER
MAT161  Elementary Statistics    MAT161  Introductory Statistics
MAT204  Coll. Algebra w. Trig. II    MAT104  Trigonometry
MAT224  Calculus I     MAT224  Calculus I
PSY101  General Psychology    PSY101  General Psychology

SUNY General Education Categories

Basic Communication  Satisfied at Clinton
Math  Satisfied at Clinton
Humanities  Satisfied at Clinton
Natural Science  Satisfied at Clinton
Social Science  Satisfied at Clinton
American History  Satisfied at Clinton
Western Civilization  Satisfied at Clinton
Other World Civilization  Satisfied at Plattsburgh
Arts  Satisfied at Plattsburgh
Foreign Language  Satisfied at Clinton

Note:  Plattsburgh’s Foreign Language Requirement is satisfied by an elementary part II or higher course.

Courses to be completed at SUNY Plattsburgh

Ecology Major Requirements:
Required Courses Section
Catalog #   Title Section
ENV304  Ecology  4
ENV340  Seminar in Environmental Science  3
Select one of the following:  3
BIO205  Plant and Fungal Biology
BIO221  General Zoology
Select one of the following:  3-4
BIO208  Evolution
BIO305  Genetics
Select one of the following:  3
ENV436  Population and Community Ecology*
ENV462  Ecosystem Ecology*
Advanced Ecology Section
Organismal/Population/Community Ecology  6-7
Select two of the following
BIO329  Animal Behavior
BIO481  Conservation Biology
ENV332  Plant Ecology
ENV337  Field Ecology
ENV430  Wildlife Ecology and Community Ecology
ENV436  Population and Community Ecology*
GEL335  Extinction

**Ecosystems Ecology**  6-8
Select two of the following
ENV329  Environmental Management
ENV338  Forest Ecology and Management
ENV339  Wetlands Ecology and Management
ENV370  Introduction to Soil Science
ENV431  Freshwater Ecology
ENV433  River Ecology
ENV462  Ecosystem Ecology*

**Ecology Electives**  3-4
Select one course from either the Organismal or Ecosystem categories above or ENV 480 Advanced Topics in Ecology

**Elective Courses in Area of Specialization**  6-8
ENV350  Intro to Geographic Information Systems
ENV355  Remote Sensing
ENV413  Biogeochemical Cycling
ENV499  Independent Study
GEL341  Geomorphic Processes
GEL343  Hydrogeology
GEL346  Environmental Geology

Select one of the following
BIO411  Plant Physiology
BIO421  Principles of Animal Physiology

Select one of the following:
CHE371  General Biochemistry
CHE401  Biochemistry I

*ENV436 or ENV 462 used to satisfy Required Courses Category may not be used to satisfy the Advanced Ecology options.

**SUNY General Education:**
- Other World Civilization (World Systems)  3
- The Arts  3

**SUNY Plattsburgh Integration Requirements:**
Select one course from the categories:
- Global Issues  3
- Art, Literature and Interpretation OR Individual, Society and Responsibility  3

**Other Plattsburgh General Education:**
- Foreign Language (Level II)  0-3
<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>S.U.N.Y. – General Education</td>
<td>6</td>
</tr>
<tr>
<td>Plattsburgh – General Education</td>
<td>6-9</td>
</tr>
<tr>
<td>Ecology Major</td>
<td>37-44</td>
</tr>
<tr>
<td>Ecology Cognate Requirements</td>
<td>0</td>
</tr>
<tr>
<td>Free Electives</td>
<td>1-8</td>
</tr>
<tr>
<td><strong>Minimum Credits</strong></td>
<td><strong>58-59</strong></td>
</tr>
</tbody>
</table>