

# A.S. Environmental Science (HEGIS 5604)



| <b>I. CORE COURSES (37 credits)</b>      | <b>CREDITS</b> | <b>SEMESTER</b> | <b>GRADE</b> |
|--|----------------|-----------------|--------------|
| <b>A. MATHEMATICS (6 credits)</b>        |                |                 |              |
| 1. MAT121 or higher                      | 3              |                 |              |
| 2. MAT 129 or higher                     | 3              |                 |              |
| <b>B. NATURAL SCIENCE (31 credits)</b>   |                |                 |              |
| 1. BIO/ENV 104 Environmental Science     | 3              |                 |              |
| 2. BIO/ENV 108 Environmental Science Lab | 1              |                 |              |
| 3. BIO 101 Principles of Biology I       | 4              |                 |              |
| 4. BIO 102 Principles of Biology II      | 4              |                 |              |
| 5. BIO 160 Adirondack Biology            | 3              |                 |              |
| 6. BIO/ENV 225 General Ecology           | 4              |                 |              |
| 7. BIO/ENV 204 Conservation Biology      | 4              |                 |              |
| 8. CHE 101 Principles of Chemistry I     | 4              |                 |              |
| 9. CHE 102 Principles of Chemistry II    | 4              |                 |              |
|  |                |                 |              |

| <b>II. SUNY GENERAL EDUCATION REQUIREMENTS (21 credits)</b>  | <b>CREDITS</b> | <b>SEMESTER</b> | <b>GRADE</b> |
|--|----------------|-----------------|--------------|
| <b>A. DEISJ (3 credits)</b>  |                |                 |              |
| Select from any course on the list that meets the General Education category of Diversity, Equity, Inclusion, and Social Justice.  |                |                 |              |
| 1.   | 3              |                 |              |
| <b>B. COMMUNICATION (6 credits)</b>  |                |                 |              |
| 1. ENG 101 English Composition I (Written Communication)   | 3              |                 |              |
| 2. ENG 102, ENG 105, or ENG 222 (Oral Communication)<br>(ENG 102 required for transfer to ESF Ranger School)   | 3              |                 |              |
| <b>C. HISTORY/SOCIAL SCIENCE (6 credits)</b>   |                |                 |              |
| 1. <b>History:</b> Any course on the list of SUNY-approved General Education courses that meets the requirements for US History/Civic Engagement or World History/Global Awareness   | 3              |                 |              |
| 2. <b>Social Science:</b> Any course on the list of SUNY-approved General Education courses that meets the requirements for Social Science   | 3              |                 |              |
| <b>D. ARTS/HUMANITIES (6 credits)</b>  |                |                 |              |
| 3. <b>Experiential Art:</b> Any course on the list of SUNY-approved General Education courses that meets the requirement for Art (includes creative writing, filmmaking, and drama). | 3              |                 |              |
| 4. <b>Humanities:</b> Any course on the list of SUNY-approved General Education courses that meets the requirements for Humanities.  | 3              |                 |              |

| <b>III. COMPUTER SCIENCE ELECTIVE (3 credits)</b> | <b>CREDITS</b> | <b>SEMESTER</b> | <b>GRADE</b> |
|---|----------------|-----------------|--------------|
| 1. CIS Elective                                   | 3              |                 |              |

| <b>IV. GENERAL ELECTIVES (3 credits)</b>   | <b>CREDITS</b> | <b>SEMESTER</b> | <b>GRADE</b> |
|--|----------------|-----------------|--------------|
| Select any credit courses offered by the College (Note: ENG 100, MAT 100, MAT 101 are General Electives)<br>(CSP100 Recommended) |                |                 |              |
| 1.   | 3              |                 |              |
| 2.   |                |                 |              |
| 3.   |                |                 |              |

**MINIMUM TOTAL CREDITS 64**