



Associate in Science

Liberal Arts & Sciences: Pre-Environmental Science Concentration (EB48) 2015-2016 Catalog

The goal of this program is to prepare environmental science majors to transfer to a baccalaureate degree program. Students have the opportunity to meet their first- and second-year program requirements in biology, chemistry, mathematics, computer science, humanities, and social science courses. Students are advised to review the requirements of the transfer institution prior to course selection.

Outcomes:

- Understand the basic principles of the physical and/or natural sciences.
- Perform a scientific experiment and interpret the results.
- Demonstrate an understanding of the major concepts of differential and integral calculus.
- Have the ability to write and document a computer program.
- Complete the general education courses in satisfaction of the associate degree requirements.

Suggested Sequence of Courses:

Prerequisite or parallel courses may be required. Please check individual course descriptions for details.

Freshman Year

ENG* E101	Composition	3
MAT* E254	Calculus I	4
Social Science	Elective	3
¹ Science (restricted)	Elective (see footnote)	4
¹ Science (restricted)	Elective (see footnote)	4
ENG* E102	Literature & Composition	3
MAT* E256	Calculus II	4
Behavioral Science	Elective	3
¹ Science (restricted)	Elective (see footnote)	4
¹ Science (restricted)	Elective (see footnote)	4

Sophomore Year

Fine Arts	Elective	3
² Mathematics	Elective	3-4
Humanities	Elective	3
³ Restricted	Elective	3
⁴ Computer Science	Elective	3-4
Humanities	Elective	3
Behav./Soc.Science	Elective	3
² Mathematics	Elective	3-4
Open	Elective	3-4
³ Restricted	Elective	3

Total Credits:

66-70

¹ After consultation with an advisor, science electives should be chosen from BIO* E121, BIO* E122; CHE* E121, CHE* E122, CHE* E211, CHE* E212; PHY* E121, PHY*122, PHY*221, PHY*222.

² MAT* E075, MAT* E095 not acceptable.

³ Restricted electives to be chosen after consultation with an advisor; recommended electives are appropriate mathematics and science courses.

⁴ Should be chosen from CSC* E106 or CSC* E205

Note: A minimum of 15 credits must be taken in 200-level courses.

Note: For degree completion the student must complete the Computer Literacy Requirement.