

Kean-Ocean Suggested Curriculum BS Biology, Environmental Biology

Courses in Bold are essential for transfer

ENVIRONMENTAL STUDIES - A.S. Degree Program - Effective Catalog Year 2020-2021

Program Code: AS.ES CIP Code: N/A

This program is designed to prepare students for careers in the dynamic field of environmental science, which is concerned with monitoring humanity's impact on the Earth and solving environmental problems. Students graduating from this program might work in environmental education centers, public relations firms, testing labs, environmental research organizations, travel/tourism (ecotourism companies), food manufacturers, waste management companies or government agencies. The program provides students with a strong background in the natural sciences.

FIRST SEMESTER		
ENGL 151	English I	3 cr.
MATH 191	Pre-Calculus I or higher *	3 cr.
BIOL 161	General Biology I	4 cr.
ENVI 152	Environmental Science	4 cr.
STSC 150	Student Success Seminar	2 cr.
		16 cr.
SECOND SEMESTER		
ENGL 152	English II	3 cr.
MATH 156	Introduction to Statistics	3 cr.
BIOL 162	General Biology II	4 cr.
CHEM 181	General Chemistry I	4 cr.
		14 cr.
THIRD SEMESTER		
CHEM 182	General Chemistry II	4 cr.
	Environmental Studies Program Elective (s) **	3-4 cr.
BIOL 261	Ecology (preferred)	4 cr.
	Any Humanities or Social Science course from the list of Approved General Education Courses.	3 cr.
		14-15 cr.
FOURTH SEMESTER		
CHEM 283	Organic Chemistry I	4 cr.
	Any Humanities course from the list of Approved General Education Courses.	3 cr.
	Any Social Science course from the list of Approved General Education Courses.	3 cr.
	Any Technology course from the list of Approved General Education Courses. ***	3 cr.
MATH 192	Pre-Calculus II	3 cr.
		16 cr.
		Total Credits: 61 cr.

Additional courses required by Kean-Ocean (66-credits total)

- *MATH 265 Calculus I 4-credits*
- *PHYS 171 Physics I 4-credits*

****Environmental Studies Program Electives**

- BIOL 101 The Pine Barrens
- *BIOL 261 Ecology - Preferred*
- BIOL 265 Marine Biology
- ENVI 154 Introduction to Oceanography
- ENVI 232 Environmental Policy
- ENVI 259 Field Experience/ Practicum
- *CHEM 283 Organic Chemistry I - Required*
- CHEM 284 Organic Chemistry II

*** Students may attempt to “test out” of the technology requirement. If they succeed, they must take an additional course(s) in math or science from the List of Approved General Education Courses.

Board of Trustees Approval Date: May 29, 2007 Board
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Trustees Approval Date: December 1, 2008 Board of
Trustees Approval Date: August 24, 2009 Board of
Trustees Approval Date: December 6, 2010 Board of
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