

Kean-Ocean Suggested Curriculum BS Environmental Science

Courses in Bold are essential for transfer

ENVIRONMENTAL STUDIES - A.S. Degree Program - Effective Catalog Year 2021-2022 **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 165 or higher	College Algebra or higher: MATH 191 Pre-Calculus I 3-credits is needed for the Bachelor's degree	5 cr.
BIOL 161	General Biology I	4 cr.
ENVI 152	Environmental Science	4 cr.
STSC 150	Student Success Seminar	2 cr.
		18 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.
ENVI 232	Environmental Policy	3 cr.
	Environmental Studies Program Elective	3-4 cr.
GHUM	Any Humanities or Social Science course from the list of Approved General Education Courses.	3 cr.
		13-14 cr.
FOURTH SEMESTER		
	Environmental Studies Program Elective (s) **	3-4 cr.
GHUM	Any Humanities course from the list of Approved General Education Courses.	3 cr.
GSOC	Any Social Science course from the list of Approved General Education Courses.	3 cr.
GTEC	Any Technology course from the list of Approved General Education Courses. ***	3 cr.
PHYS 171	Physics I	4 cr.
		16-17 cr.
		Total Credits: 60 cr.
Notes:		

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Kean-Ocean will take up to 68-credits.

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recommended to transfer. MATH 156 Introduction to Statistics and MATH 165 College Algebra are recommended for transfer to programs that do not require Calculus.

****Environmental Studies Program Electives**

BIOL 101 The Pine Barrens

BIOL 261 Ecology

BIOL 265 Marine Biology

ENVI 154 Introduction to Oceanography

ENVI 232 Environmental Policy

ENVI 259 Field Experience/ Practicum

CHEM 283 Organic Chemistry I

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 of Trustees Approval Date: March 24, 2008

Board of Trustees Approval Date: December 1, 2008

Board of Trustees Approval Date: August 24, 2009

Board of Trustees Approval Date: December 6, 2010

Board of Trustees Approval Date: November 4, 2013

Board of Trustees Approval Date: April 28, 2014

Board of Trustees Approval Date: January 24, 2019