

Kean-Ocean Environmental Studies – Suggested Guide (courses bold & highlighted are required)

ENVIRONMENTAL STUDIES with the Industrial Hygiene Certificate - A.S. Degree Program - Effective Catalog Year 2022-2023 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 (16-18 cr.)		
ENGL 151	English I	3 cr.
MATH 165 or higher	College Algebra or higher *	5 cr.
BIOL 161	General Biology I	4 cr.
ENVI 152	Environmental Science	4 cr.
STSC 150	Student Success Seminar	2 cr.
SECOND SEMESTER (17 cr.)		
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.
GHUM or GSOC	Any Humanities or Social Science General Education Course	3 cr.
THIRD SEMESTER (17 cr.)		
CHEM 182	General Chemistry II	4 cr.
	Environmental Studies Program Elective **	3 cr.
ENVI 232	Environmental Policy	3 cr.
PHYS 171	Physics I	4 cr.
Math 191	Precalculus I	3 cr.
FOURTH SEMESTER (16 cr.)		
	Environmental Studies Program Electives **	3 cr.
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GHUM	Any Humanities General Education Course	3 cr.
GSOC	Any Social Science General Education Course	3 cr.

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GTEC	Any Technology General Education Course	3 cr.
		Kean Total: 68 cr.
Note: Kean-Ocean will accept a total of 81-84 credits		

****Environmental Studies Program Electives & Additional Kean Required Courses (16-17)**

ENVI 134 Carbon Footprint 3-credits

ENVI 142 Industrial Hygiene 4-credits

ENVI 210 Indoor Environmental Quality 3-credits

ENVI 217 Occupational Safety & Health 3-credits

ENVI 205 Hazardous Materials 3-credits

Choose one course from below:

- BIOL 101 The Pine Barrens 3-credits
- BIOL 261 Ecology 4-credits
- BIOL 265 Marine Biology 4-credits
- ENVI 154 Introduction to Oceanography 4-credits
- ENVI 259 Field Experience/ Practicum 3-credits
- CHEM 283 Organic Chemistry I 4-credits

*** 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

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