**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.

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| **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:** | | |
| ***Kean-Ocean will take up to 68-credits.*** | | |

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