

## Kean-Ocean Suggested Curriculum BS Biology Health Professions Option

*Courses in Bold are essential for transfer*

**GENERAL STUDIES – Science Concentration - A.S. Degree Program - Effective Catalog Year 2019-2020**

The Associate in Science (A.S.) degree is designed for students who wish to create an individualized program in a specific academic area. Students may explore career fields while selecting courses that will facilitate their goal of transferring to a four-year college/university or beginning a career. Students must complete the following:

- a. All students must complete STSC 150, Student Success Seminar, during their first year of enrollment.
- b. A minimum of 30 credits from the list of Approved General Education Courses.
- c. At least 18 credits from the academic area of Science to satisfy the Department Concentration.
- d. Additional elective credits to meet the requirements for the degree (minimum of 60 credits).

<b>GENERAL EDUCATION CORE REQUIREMENTS</b>		
<b>COMMUNICATIONS (6 credits)</b>		
ENGL 151	English I	3 cr.
ENGL 152	English II	3 cr.
<b>HUMANITIES (3 credits)</b>		
GHUM	One (1) Humanities course selected from the list of Approved General Education Courses	3 cr.
<b>SOCIAL SCIENCE (3 credits)</b>		
GSOC	One (1) Social Science course selected from the list of Approved General Education Courses	3 cr.
<b>ADDITIONAL HUMANITIES OR SOCIAL SCIENCE (3 credits)</b>		
GHUM	One (1) Humanities course selected from the	3 cr.

	list of Approved General Education Courses	
<b>MATHEMATICS-SCIENCE-TECHNOLOGY (10 credits)</b>		
MATH 191	Pre-Calculus I	3 cr.
<b>BIOL 161</b>	<b>General Biology I</b>	4 cr.
GTEC	Any Technology course from the List of Approved General Education Courses* <i>Student are strongly encouraged test out of technology and replace the credits with MATH 156 Intro to Statistics 3-credits.</i>	3 cr.
<b>ADDITIONAL GENERAL EDUCATION CREDIT (6 credits)</b>		
MATH 192	Pre-Calculus II	3 cr
<b>PSYC 172</b>	<b>General Psychology</b>	3 cr
<b>PROGRAM REQUIREMENT</b>		
STSC 150	Student Success Seminar	2 cr.
<b>DEPARTMENT CONCENTRATION</b>		
<b>BIOL 162</b>	<b>General Biology II</b>	4 cr.
<b>CHEM 181</b>	<b>General Chemistry I</b>	4 cr.
<b>CHEM 182</b>	<b>General Chemistry II</b>	4 cr.
<b>CHEM 283</b>	<b>Organic Chemistry I</b>	4 cr.
<b>CHEM 284</b>	<b>Organic Chemistry II</b>	4 cr.
		20 cr.
<b>ELECTIVE COURSES</b>		
<ul style="list-style-type: none"> <li>• <b>PHYS 171 Physics I 4-credits</b></li> <li>• <b>MATH 265 Calculus I 4-credits</b></li> </ul>		

**Total: 60 credits**

**NOTES:**

**Kean-Ocean will accept up to 65-credits for the BS in Biology Health Professions Option.**

*\*Student are strongly encouraged test out of technology and replace the credits with MATH 156 Intro to Statistics 3-credits.*

**In addition to MATH 156 Intro to Statistics, the following is required for specific concentration areas:**

- **Physician's Assistance – No additional courses needed**
- **Physical Therapy – PHYS 172 Physics II 4-credits**
- **Occupational Therapy – SOCI 181 Intro to Sociology 3-credits**

cr. (credit) = semester credit hour