

Kean-Ocean Suggested Curriculum BA Biology Teacher’s Certification K-12
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).

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

	list of Approved General Education Courses	
MATHEMATICS-SCIENCE-TECHNOLOGY (10 credits)		
MATH 191	Pre-Calculus I	3 cr.
BIOL 161	General Biology I	4 cr.
GTEC	Any Technology course from the List of Approved General Education Courses*	3 cr.
ADDITIONAL GENERAL EDUCATION CREDIT (6 credits)		
COMM 154	Fundamentals of Public Speaking	3 cr.
Literature	Any Literature course from the Humanities Gen Ed list	3 cr.
PROGRAM REQUIREMENT		
STSC 150	Student Success Seminar	2 cr.
DEPARTMENT CONCENTRATION		
BIOL 162	General Biology II	4 cr.
CHEM 181	General Chemistry I	4 cr.
CHEM 182	General Chemistry II	4 cr.
CHEM 283	Organic Chemistry I	4 cr.
ENVI 152	Environmental Science	4 cr.
		20 cr.
ELECTIVE COURSES		
<ul style="list-style-type: none"> • PHYS 171 Physics I 4-credits • GEOG 161 World Physical Geography 3-credits • EDUC 261 Development of the Learner 3-credits • MATH 192 Pre-Calculus II 3-credits 		

Total: 68 credits

NOTES:

Kean-Ocean will accept up to 66-credits for the BA in Biology

*

Students may attempt to “test out” of the technology requirement. If they succeed, they should use MATH 192 Pre-Calculus II to replace the credits

cr. (credit) = semester credit hour