

Coastline Community College
Military Program
 Associate in Arts (AA) Degree
 Major: Science and Math

Courses in this major develop understanding of mathematical and scientific methods and knowledge, preparing student for a wide range of careers.

Courses denoted in **bold** are available online through Coastline's Military Program. Other course requirements may be met by coursework completed at another regionally accredited institution and ACE recommended credit.

Total Semester Hours Required: 18 SH

Select a minimum of 18 SH from the following courses listed below: At least one course should be a science course and at least one should be a math course.

ASTR	C100	Introduction to Astronomy	3 SH
BIOL	C100	Introduction to Biology	3 SH
BIOL	C101	Introduction to Biology Lab	1 SH
BIOL	C105	Introduction to Anatomy & Physiology	3 SH
BIOL	C110	Applied Botany	3 SH
BIOL	C120	Biology of Aging	3 SH
BIOL	C170	Human Anatomy	4 SH
BIOL	C175	Human Physiology	4 SH
CHEM	C100	Chemistry and Living	3 SH
CHEM	C105	Chemistry Explorations for Teachers	2 SH
CHEM	C110	Introduction to Chemistry	5 SH
CHEM	C130	General Chemistry Preparatory	4 SH
CHEM	C180	General Chemistry A	4 SH
CHEM	C180L	General Chemistry Lab A	1 SH
CHEM	C185	General Chemistry B	4 SH
CHEM	C185L	General Chemistry Lab B	1 SH
ECOL	C100	Human Ecology	3 SH
ECOL	C105	Ecosystems	3 SH
GEOL	C100	General Geology	3 SH
GEOL	C110	Physical Geology	3 SH
GEOL	C130	California Geology	3 SH
GEOL	C140	Introduction to Geology	3 SH
GEOL	C141	Geology Lab	1 SH
MRSC	C100	Introduction to Marine Science	3 SH
MRSC	C100L	Marine Sciences Oceanography Lab	1 SH
MRSC	C105	Marine Biology	4 SH
MATH	C100	Quantitative Reasoning	3 SH
MATH	C103	Math for Elementary Teachers 3	3 SH
MATH	C106	Geometry for Elementary Teachers	3 SH
MATH	C115	College Algebra	4 SH

MATH	C120	Trigonometry	3 SH
MATH	C140	Survey of Calculus	4 SH
MATH	C150	Finite Mathematics with Applications	4 SH
MATH	C160	Introduction to Statistics	4 SH
MATH	C170	Pre Calculus Mathematics	5 SH
MATH	C180	Calculus 1	5 SH
MATH	C185	Calculus 2	5 SH
MATH	C225	Discrete Mathematics	3 SH
MATH	C226	Introduction to Abstract Mathematics	3 SH
MATH	C280	Calculus with Analytic Geometry 3	5 SH
MATH	C285	Linear Algebra & Differential Equations	5 SH
PHYS	C110	Introduction to Physics	3 SH
PHYS	C120	Physics 1	4 SH
PHYS	C125	Physics 2	4 SH