

MATHEMATICS

LENGTH: Four Semesters

PURPOSE: The purpose of this program is to provide the first two years of a four-year baccalaureate degree in mathematics.

AREA I WRITTEN COMPOSITION 6 SH

ENG 101.....	English Composition I	3
ENG 102.....	English Composition II	3

AREA1 II HUMANITIES AND FINE ARTS..... 12 SH

Fine Arts Elective.....	ART 100, MUS 101, THR 120, or THR 126	3
SPH 107.....	Fundamentals of Public Speaking	3

Choose one of the following courses:..... 3

ENG 271 or ENG 272.....	World Literature I or World Literature II or	
ENG 261 or ENG 262.....	English Literature I or English Literature II or	
ENG 251 or ENG 252.....	American Literature I or American Literature II	

Note: Students must complete a 6 SH sequence in either literature (AREA II) or history (AREA IV). If the literature sequence is not chosen, the student must choose 3 SH of a Humanities Elective.

Humanities Elective.....	ART, MUS, THR, PHL, REL, or Foreign Language.....	3
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AREA III NATURAL SCIENCES AND MATHEMATICS 11-12 SH

MTH 113 or MTH 115.....	Precalculus Trigonometry or Precalculus Algebra & Trigonometry	3-4
PHY 201 & 202.....	General Physics I & General Physics II-Trig Based or	8
PHY 213 & 214.....	General Physics with Calculus I & General Physics with Calculus II	

AREA IV HISTORY, SOCIAL, AND BEHAVIORAL SCIENCES 12 SH

Choose one of the following courses:..... 3

HIS 101 or HIS 102.....	Western Civilization I or Western Civilization II, or	
HIS 121 or HIS 122	World History I or World History II, or	
HIS 201 or HIS 202	U.S. History I or U.S. History II	

Note: Students must complete a 6 SH sequence in either literature (AREA II) or history (AREA IV). If the history sequence is not chosen, the student must choose 9 SH of Social Science Electives.

Social Science Electives.....	ANT, ECO, GEO, POL, PSY, or SOC.....	9
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AREA V PRE-PROFESSIONAL, MAJOR, AND ELECTIVE COURSES 23 SH

ORI 101.....	Orientation to College	1
CIS Elective.....	Approved CIS Elective (Check the STARS guide)	3
MTH 125.....	Calculus I	4
MTH 126	Calculus II	4
MTH 227	Calculus III	4
MTH 237	Linear Algebra.....	3
MTH 238.....	Applied Differential Equations I.....	3
PED Elective	Physical Education Activity Elective	1

Total Hours 64-65 SH

Students should consult their transfer institution or the STARS templates at www.coastalalabama.edu. See an academic advisor for assistance.