

# BIOLOGICAL SCIENCE

**LENGTH:** Four Semesters

**PURPOSE:** This is a two-year curriculum designed for those students who plan to complete a four-year program in preparation for a professional career in the biological sciences. Students should consult the catalog of the school to which they intend to transfer and plan their work accordingly.

**AREA I ..... WRITTEN COMPOSITION. .... 6 SH**

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

**AREA 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	
Humanities Elective.....	PHL 106 or PHL 206.....	3

**AREA III ..... NATURAL SCIENCES AND MATHEMATICS. .... 11-12 SH**

MTH 112 or MTH 115.....	Pre-Calculus Algebra or Pre-Calculus Algebra with Trig.....	3-4
BIO 103.....	Principles of Biology I.....	4
BIO 104.....	Principles of Biology II.....	4

**AREA IV ..... HISTORY, SOCIAL, AND BEHAVIORAL SCIENCES. .... 12 SH**

**Choose one of the following sequences:..... 6**

HIS 101 & HIS 102.....	Western Civilization I & Western Civilization II or	
HIS 121 & HIS 122.....	World History I & World History II or	
HIS 201 & HIS 202.....	U.S. History I & U.S. History II	
Social Science Electives.....	ANT, ECO, GEO, POL, PSY, or SOC.....	6

**AREA V ..... PRE-PROFESSIONAL, MAJOR, AND ELECTIVE COURSES. .... 23 SH**

ORI 101.....	Orientation to College.....	1
CIS 146.....	Microcomputer Applications.....	3
CHM 111 and CHM 112.....	College Chemistry I and College Chemistry II.....	8

**Choose from the following approved General Electives\* ..... 11**

CHM 221 and CHM 222.....	Organic Chemistry I and Organic Chemistry II.....	8
MTH 125.....	Calculus I.....	4
MTH 265.....	Elementary Statistics.....	3
PHY 201 and PHY 202.....	General Physics 1-Trig Based and General Physics II-Trig Based.....	8
PHY213 and PHY 214.....	General Physics with Cal I and General Physics with Cal II.....	8

**Total Hours..... 64-65 SH**

Students should consult their transfer institution or the STARS templates at [www.coastalalabama.edu](http://www.coastalalabama.edu). See an academic advisor for assistance.

ASSOCIATE IN SCIENCE