



# ANCILLA COLLEGE

# SCIENCE

## ASSOCIATE OF SCIENCE

### Why should I consider an associate degree in Science?

Ancilla College's Associate of Science degree prepares students for a variety of entry-level positions in industrial, research and medical laboratories. The Associate of Science degree is also appropriate for students who wish to transfer to a four-year college in pursuit of a Baccalaureate degree in biology, chemistry, physics or who wish to continue on to a medical, veterinary or graduate school.

The curriculum, which is composed of courses in biological science, physical science and math, is complemented by Ancilla's core of liberal arts courses. In addition to classroom coursework, much of the curriculum is based around hands on laboratory experiences. Ancilla College strives to produce graduates who are broadly educated with the ability to make logical decisions, manage groups effectively and communicate well.

### What are the requirements for the Science degree?

#### Suggested Schedule of Classes:

(Concentration requirements in bold, blue type)

<u>First Semester</u>		<u>Credits</u>	<u>Third Semester</u>		<u>Credits</u>
<b>CHEM 120</b>	<b>General Chemistry I</b>	<b>5</b>	Religion or Philosophy Course*		3
BIOL 122	Principles of Biology I	5	Economics, History, Political Science, Psychology or Sociology Course***		3
ENGL 110	Writing I	3	Economics, History, Political Science, Psychology or Sociology Course***		3
CS 135	Computer Literacy I	3	Literature Course*		3
HUM 101	Freshman Seminar	1	Laboratory Science Course		5
<u>Second Semester</u>		<u>Credits</u>	<u>Fourth Semester</u>		<u>Credits</u>
<b>CHEM 121</b>	<b>General Chemistry II</b>	<b>5</b>	MT 215	Statistics	3
<b>BIOL 124</b>	<b>Principles of Biology II</b>	<b>5</b>	<b>Concentration Elective**</b>		<b>3-5</b>
ENGL 212	Writing II	3	Humanities Course*		3
COMM 115	Public Speaking	3	Economics, History, Political Science, Psychology or Sociology Course***		3

**Concentration Total:** 18-20 credit hours

**General Education Requirements:** 44 credit hours

**ASSOCIATE DEGREE TOTAL:** 62-64 credit hours

\*Three areas must be represented from Humanities, Fine Arts, Modern Language, Religion or Philosophy.

\*\*Concentration Electives: AGRI 101 Fundamentals of Horticulture, AGRI 105 Crop Production, BIOL 252 Anatomy & Physiology I, BIOL 254 Anatomy & Physiology II, BIOL 270 Microbiology, BIOL 275 Genetics, BIOL 286 Ecology, BIOL 295 Topics in Environmental Science, CHEM 250 Organic Chemistry I, CHEM 251 Organic Chemistry II, CHEM 295 Topics in Chemistry, PHYS 201 Physics I, PHYS 202 Physics II

\*\*\*Three areas must be represented from Economics, History, Political Science, Psychology, and Sociology.

*"Organic chemistry is the chemistry of carbon compounds. Biochemistry is the study of carbon compounds that crawl."*

-- Mike Adams

### What can I do with a Science associate degree?

An associate degree is not generally meant to prepare you for a specific job, but rather to help you gain knowledge and develop skills in your area of interest that can be applied to many careers in that field. The same is true with a concentration in science, which provides a solid foundation in science that will help open many doors of opportunity.