



## Associate of Science SCIENCE

If you wish to transfer to a four-year college or university and earn a degree in one of the many fields of science, you should follow this degree. The science department provides basic courses in biology, chemistry, engineering, geology, and physics, in addition to courses in computer science, and anatomy & physiology for students wishing to transfer to allied science programs.

### GENERAL EDUCATION (42 crs)

COMPLETED

PLANNED TIMELINE  
(by semester)

#### Communications (9 crs)

ENG 111 English Composition I (3)

*Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation*

SPCH 130 Public Speaking (3)

*Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation*

Choose **one** of the following courses:

ENG 112 English Composition II (3)

*Pre-requisite: ENG 111*

ENG 116 Technical Writing (3)

*Pre-requisite: ENG 111*

#### Mathematics (10 crs)

MATH 150 College Algebra (3)

*Pre-requisite: MATH 130 or adequate score on the Course Placement Evaluation*

MATH 155 Trigonometry (3)

*Pre-requisite: MATH 150 or adequate score on the Course Placement Evaluation*

MATH 162 Calculus I (4)

*Pre-requisite: MATH 155 or adequate score on the Course Placement Evaluation*

#### Laboratory Sciences (8 crs)

Choose **one** of the following three **two-semester sequence** (with lab)

BIOL 201 Principles of Molecular and Cell Biology (3)

*Pre-requisite: CHEM 110/L; Co-requisite: BIOL 201L*

BIOL 201L Principles of Molecular and Cell Biology Lab

*Co-requisite: BIOL 201*

BIOL 202 Genetics (3)

*Pre-requisite: BIOL 201 and 201L; Co-requisite: BIOL 202L*

BIOL 202L Genetics Lab (1)

*Co-requisite: BIOL 202*

**or**

CHEM 121 General Chemistry I (3)

*Pre-requisite: MATH 130; Co-requisite CHEM 121L*

CHEM 121L General Chemistry I Lab (1)

*Co-requisite: CHEM 121*

CHEM 122 General Chemistry II (3)

*Co-requisite: CHEM 122L*

CHEM 122L General Chemistry II Lab (1)

*Co-requisite: CHEM 122*

**or**

PHYS 215 Engineering Physics I (3)

*Pre-requisite: MATH 162; Co-requisite: PHYS 215L*

PHYS 215L Engineering Physics I Lab (1)

*Co-requisite: PHYS 215*

PHYS 216 Engineering Physics II (3)

*Pre-requisite: MATH 162, PHYS 161/L; Co-requisite: 216L*

PHYS 216L Engineering Physics II Lab (1)

*Co-requisite: PHYS 216*

#### Social/Behavioral Sciences (6 crs)

Elective (3) \_\_\_\_\_

(3) \_\_\_\_\_

*Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation*

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**Humanities and Fine Arts (9 crs)**

PHIL 220 Ethics (3)

*Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation*

Elective (3)

(3)

*Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation*

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**HEALTH, PHYSICAL EDUCATION & RECREATION (1 CR)**

Elective (1)

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**PROGRAM REQUIREMENTS (29 crs)**

CS 102 Computer Literacy (3)

CS 132 Introduction to Programming (3)

*Pre-requisite: MATH 102 or adequate score on the Course Placement Evaluation*

MATH 145 Introduction to Probability and Statistics (3)

*Pre-requisite: MATH 130 or adequate score on the Course Placement Evaluation*

Two additional semesters of lab courses (8 hrs):

choose from : BIOL, CHEM, or PHYS

(4)

(4)

Approved Electives (12)

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**TOTAL CREDIT HOURS 72**

## Educational Planning Form (Semester)

Name \_\_\_\_\_ Date \_\_\_\_\_  
Major \_\_\_\_\_ Student ID \_\_\_\_\_

<b>Fall Semester</b>	<b>Spring Semester</b>	<b>Summer</b>
<b>Total Units</b>	<b>Total Units</b>	<b>Total Units</b>
<b>Fall Semester</b>	<b>Spring Semester</b>	<b>Summer</b>
<b>Total Units</b>	<b>Total Units</b>	<b>Total Units</b>
<b>Fall Semester</b>	<b>Spring Semester</b>	<b>Summer</b>
<b>Total Units</b>	<b>Total Units</b>	<b>Total Units</b>

**Advisor's Signature** \_\_\_\_\_

**Student Signature** \_\_\_\_\_