

# DIVISION OF MATHEMATICS, SCIENCES, AND ENGINEERING

## BIOLOGY

### ASSOCIATE OF SCIENCE DEGREE

The Associate of Science Degree in Biology prepares students who are intending to transfer to a four-year institution in the biological sciences. This degree provides for the completion of general lower-division coursework associated with the requirements for a bachelor degree in biology, biochemistry, botany, ecology, forestry, zoology, microbiology, medicine, etc. The degree is specifically designed for students intending to transfer to a CSU or UC campus. Students completing the degree will take specific courses in chemistry, biology, physics and mathematics in addition to a general education preparation such as the CSU general education plan or IGETC.

To acquire the **Associate of Science Degree in Biology**, students must complete the required major courses below with a grade of "C" or better or of "P" if the course was taken on a Pass/No Pass basis, along with either of the following: Rio Hondo College General Education (RHC GE) or California General Education Transfer Curriculum (Cal-GETC). California State University General Education Breadth (CSU GE) or Intersegmental General Education Transfer Curriculum (IGETC) may be used in some cases; please see a counselor for details.

Required Courses		Units	N	IP	C
<b>BIOL 200</b>	*Principles of Biology 1 (Molecular and Cellular Biology)	<b>5</b>			
<b>BIOL 201</b>	*Principles of Biology 2 (Diversity and Ecology)	<b>5</b>			
<b>CHEM 130</b>	*General Chemistry I	<b>5</b>			
<b>CHEM 140</b>	*General Chemistry II	<b>5</b>			
<b>MATH 190</b> or <b>MATH 190H</b>	*Calculus I *Calculus I Honors	<b>4</b>			
<b>MATH 191</b> or <b>MATH 130</b> or <b>MATH 130H</b>	*Calculus II *Statistics *Statistics Honors	<b>4</b>			
<b>PHY 150</b> or <b>PHY 211</b>	*General Physics I *Physics for Scientists and Engineers I	<b>4</b>			
<b>PHY 160</b> or <b>PHY 213</b>	*General Physics II *Physics for Scientists and Engineers III	<b>4</b>			
<b>Total major units needed for Associate of Science</b>		<b>36</b>			
Units Completed					
*Prerequisite/Corequisite					

NOTE: Students interested in transferring as Biology majors should consult with a counselor for appropriate general education & major preparation counseling.