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ASSOCIATE OF SCIENCE DEGREE

# Biology

## NAVIGATION

The Associate of Science degree in Biology prepares students who are intending to transfer to a four-year institution that offers a baccalaureate degree in Biological Sciences. This degree provides for the completion of general lower-division course-work 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.

Please contact the [Student Success Team](#) for this program if you have any questions.

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## Sample Education Plan



This sample education plan for the 2021-2022 catalog year represents one possible pathway through the program. Each university (UC, CSU, private, and others) has their own transfer requirements; please see a counselor to create an education plan that is customized to meet your needs. Additional course descriptions may be found in the College Catalog (in [pdf](#) or [flipbook](#) format).

Select sample path/map: **CSU** ▼

Course

Units

Course	Units
<b>1ST SEMESTER</b>	
+ Select one: MATH 190 / MATH 190H (CSU GE B4)	M 4.0
+ CHEM 120 - Introduction to Chemistry (CSU GE B1)	M 5.0
+ CSU GE D - Social Sciences	GE 3.0
<i>Total Semester Units:</i> 12.0	
<b>2ND SEMESTER</b>	
+ MATH 191 - Calculus II	M 4.0
+ CHEM 130 - General Chemistry I	M 5.0
+ ENGL 101 - College Composition and Research	GE 3.5
<i>Total Semester Units:</i> 12.5	
<b>3RD SEMESTER</b>	
+ BIOL 200 - Principles of Biology 1 (Molecular and Cellular Biology) (CSU GE B2 & B3)	M 5.0
+ CHEM 140 - General Chemistry II	M 5.0
+ CSU GE C2 - Humanities	GE 3.0†
<i>Total Semester Units:</i> 13.0†	
<b>4TH SEMESTER</b>	
+ BIOL 201 - Principles of Biology 2 (Diversity and Ecology)	M 5.0
+ US HISTORY (CSU GE D)	GE 3.0



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Course		Units
+ CSU GE C1 - Arts	GE	3.0†
+ CSU GE A3 - Critical Thinking	GE	3.0†
<i>Total Semester Units:</i>		14.0†

## 5TH SEMESTER

+ Select one: PHY 150 / PHY 211	M	4.0
+ CSU GE A1 - Oral Communication	GE	3.0
+ CSU GE E - Lifelong Learning/Self Development	GE	3.0
<i>Total Semester Units:</i>		10.0

## 6TH SEMESTER

+ Select one: PHY 160 / PHY 213	M	4.0
+ POLS 110 / POLS 110H (CSU GE D)	GE	3.0
+ CSU GE C1 or C2 - Arts or Humanities	GE	3.0†
<i>Total Semester Units:</i>		10.0†

Total Units for Biology AS program (Transfer to CSU) 71.5†

### Notes:

*Rio Hondo College does not currently have any courses approved for CSU GE Area F: Ethnic Studies. Students who begin and maintain continuous enrollment at Rio Hondo College prior to Fall 2021 will not be required to complete a course in Area F. Instead, these students will complete Area D (9 units from at least two disciplines). New students starting at Rio Hondo College beginning Fall 2021 or later and returning students who have not maintained continuous enrollment will be required to complete a course in Area F in addition to completing two courses (6 units) in Area D from any discipline or disciplines. Please see a counselor for updates and to discuss options for satisfying this requirement.*

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