

Biology, A.S.

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Requirements

Students interested in biology, or related fields, are encouraged to earn at least a baccalaureate degree (BS). Many professions (e.g., Pharmacy or Medicine) require additional post-baccalaureate education. The AS/AA degree is intended for students who plan to use it as a first step toward a baccalaureate degree. The AS/AA degree may be granted to those who do not continue in a bachelor's program and meet the minimum requirements.

Total Program Credits: 60

General Education Requirements:		39 Credits
	ENGL 1010 Introduction to Academic Writing	3
or	ENGL 1005 Literacies and Composition Across Contexts (5.0)	
	ENGL 2010 Intermediate Writing/Academic Writing and Research	3
	MATH 1050 College Algebra	4
or	MATH 1055 College Algebra with Preliminaries (5.0)	
Complete one of the following:		3
	HIST 2700 US History to 1877 (3.0)	
and	HIST 2710 US History since 1877 (3.0)	
	HIST 1700 American Civilization (3.0)	
	HIST 1740 US Economic History (3.0)	
	POLS 1000 American Heritage (3.0)	
	POLS 1100 American National Government (3.0)	
Complete the following:		
	PHIL 2050 Ethics and Values	3
	HLTH 1100 Personal Health and Wellness (2.0)	
or	PES 1097 Fitness for Life	2
Distribution Courses:		
	BIOL 1610 College Biology I (To be taken with BIOL 1615)	4
	CHEM 1210 Principles of Chemistry I (To be taken with CHEM 1215)	4
	CHEM 1220 Principles of Chemistry II (To be taken with CHEM 1225)	4
	Humanities Distribution	3
	Fine Arts Distribution	3
	Social/Behavioral Science	3
Discipline Core Requirements:		15 Credits
Complete the following:		
	BIOL 1615 College Biology I Laboratory (To be taken with BIOL 1610)	1
	BIOL 1620 College Biology II	3
and	BIOL 1625 College Biology II Laboratory	1
	CHEM 1215 Principles of Chemistry I Laboratory (To be taken with CHEM 1210)	1

CHEM 1225 Principles of Chemistry II Laboratory (To be taken with CHEM 1220)	1
Minimum of 3 additional biology courses (BIOL, BOT, MICR, or ZOOL prefixes). ¹	8
Elective Requirements:	6 Credits
Complete any course 1000 or higher. See Biology Advisor.	6

Graduation Requirements:

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Footnote
¹ BIOL 1010 cannot be used to meet this requirement. See Biology Advisor.

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Biology, A.S. Graduation Plan

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in [Wolverine Track](#).

Milestone courses (pre-requisites for a course in one of the subsequent semesters) are marked in red and italicized.

Notes: For AS Degree substitute Foreign Language Course with 1000 level elective. An additional Biology Elective will also need to be included this semester.

Degree total:	60
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Semester 1	Course Title	Credit Hours
<i>ENGL 1010 or ENGH 1005</i>	Introduction to Academic Writing or Literacies and Composition Across Contexts	3
<i>MATH 1050 or MATH 1055</i>	College Algebra or College Algebra with Preliminaries	4
Fine Arts Distribution		3
Humanities Distribution		3
PES 1097 or HLTH 1100	Fitness for Life or Personal Health and Wellness	2
Semester total:		15
Semester 2	Course Title	Credit Hours
<i>BIOL 1610</i>	College Biology I	4
BIOL 1615	College Biology I Lab	1
ENGL 2010	Intermediate Writing/Academic Writing and Research	3
<i>CHEM 1210</i>	Principles of Chemistry I	4
<i>CHEM 1215</i>	Principles of Chemistry I Lab	1
American Institutions		3
Semester total:		16
Semester 3	Course Title	Credit Hours
BIOL 1620	College Biology II	3
BIOL 1625	College Biology II Lab	1
CHEM 1220	Principles of Chemistry II	4
CHEM 1225	Principles of Chemistry II Lab	1
Elective Requirement		3
PHIL 2050	Ethics and Values	3
Semester total:		15
Notes: For AS Degree substitute Foreign Language Course with 1000 level elective.		
Semester 4	Course Title	Credit Hours
BIOL ELECTIVE	BIOL 1010 or BIOL 1050 cannot meet requirement	4
BIOL ELECTIVE	BIOL 1010 or BIOL 1050 cannot meet requirement	4
Elective Requirement		3
Social/Behavioral Science		3
Semester total:		14