

# A.S. Biology with MATH 1010

## Graduation MAP

This is a suggested plan. Meet with a College of Science advisor (801-626-6578) or visit ([https://www.weber.edu/cos/general\\_advising.html](https://www.weber.edu/cos/general_advising.html)) to create a specific plan that best fits your academic needs. Remember, taking an average of 15 credit hours per semester facilitates timely graduation.

Catalog Year: 2020-2021

NAME: \_\_\_\_\_

<input checked="" type="checkbox"/>	Course	Credit Hour	Semester Offered	Milestones & Notes
<b>Freshman (Semester 1)</b>				
	American Institutions (AI) Course	3	Fall/Spring/Summer	<ul style="list-style-type: none"> <li>The A.S. in Biology leads directly to a B.S. in Botany, Microbiology, or Zoology as a 2 + 2 program.</li> <li>*If you are starting in the Developmental Math series it may take additional semesters or summer school to complete the A.S in Biology.</li> </ul>
	ENGL 1010 – Introductory College Writing	3	Fall/Spring/Summer	
	*MATH 1010 – Intermediate Algebra	4	Fall/Spring/Summer	
	ZOOL 1110 LS – Principles of Zoology	4	Fall/Spring	
	LIBS 1504 or LIBS 1704	1	Fall/Spring/Summer	
	<b>Total Semester Credits</b>	<b>15</b>		
<b>Freshman (Semester 2)</b>				
	Humanities (HU) Course	3	Fall/Spring/Summer	<ul style="list-style-type: none"> <li>Overall GPA 2.0 or higher.</li> <li>*MATH 1040 QL <b>or</b> MATH 1050 QL can apply for the Botany major. Talk to an advisor in Botany about which is better for your career goals.</li> <li><b>Should have a minimum of 30 credit hours – consider summer classes if short.</b></li> </ul>
	*MATH 1050 QL – College Algebra <b>-or-</b> MATH 1080 QL – Pre-calculus	4-5	Fall/Spring/Summer	
	ENGL 2010 – Intermediate College Writing	3	Fall/Spring/Summer	
	CHEM 1200 – Preparation for College Chemistry	3	Fall/Spring/Summer	
	Creative Arts (CA) Course	3	Fall/Spring/Summer	
	<b>Total Semester Credits</b>	<b>16-17</b>		
<b>Sophomore (Semester 3)</b>				
	BTNY 2104 – Plant Form and Function	4	Fall/Spring	<ul style="list-style-type: none"> <li>Overall GPA 2.0 or higher.</li> <li>*If you plan to take PHYS 2010 PS, take MATH 1060 (3) as your elective.</li> <li>*If you plan to take PHYS 2210 PS, take MATH 1210 (4) as your elective.</li> <li>*Pre-Medical recommends PSY 1010 and SOC 1010 for SS credit.</li> </ul>
	CHEM 1210 PS – Principles of Chemistry I	5	Fall/Spring/Summer	
	MATH 1060 – Trigonometry <b>-or-</b> MATH 1210 – Calculus I <b>-or-</b> *Elective in BTNY, CHEM, GEO, PHYS, or ZOOL	3	Fall/Spring/Summer	
			See catalog for when electives are taught	
	*Social Science (SS) Course	3	Fall/Spring/Summer	
	<b>Total Semester Credits</b>	<b>15</b>		
<b>Sophomore (Semester 4)</b>				
	MICR 2054 LS – Principles of Microbiology	4	Fall/Spring/Summer	<ul style="list-style-type: none"> <li>See complete list of electives in catalog and consult an academic advisor if you are Pre-Medical, Pre-Dental, Pre-Optometry, Pre-Podiatry, Pre-Physician Assistant, Pre-Pharmacy, or Pre-Veterinarian.</li> <li>Overall GPA 2.0 or higher.</li> <li><b>Be sure at least one HU, CA, or SS class also has DV credit. (These courses will be marked with a ❖)</b></li> </ul>
	BTNY/CHEM/GEO/MICR/PHYS 2600 – Laboratory Safety	1	Fall/Spring	
	Creative Arts (CA) or Humanities (HU) Course	3	Fall/Spring/Summer	
	CHEM 1220 – Principles of Chemistry II	5	Fall/Spring/Summer	
	*Social Science (SS) Course	3	Fall/Spring/Summer	
	<b>Total Semester Credits</b>	<b>16</b>		
	<b>TOTAL CREDITS</b>	<b>62-63</b>		

### Gen Ed Breadth Requirements (do not duplicate departments)

<input type="checkbox"/> HU	<input type="checkbox"/> CA	<input type="checkbox"/> HU or CA
<input type="checkbox"/> SS	<input type="checkbox"/> SS	
<input type="checkbox"/> PS	<input type="checkbox"/> LS	<input type="checkbox"/> PS or LS
<input type="checkbox"/> DV (Double dip with other breadth Gen Ed courses)		

**Avoid misadvisement!** Consult your **academic advisor** ([weber.edu/advisors](http://weber.edu/advisors)), the **WSU Catalog** ([weber.edu/catalog](http://weber.edu/catalog)), and your **CatTracks** degree evaluation (log into your eWeber Student Portal).

### Notes:

**At least 60 total credit hours are required for AS Degree.**