

# Bachelor of Science in EARTH SCIENCE TEACHING

## Graduation MAP


This is a suggested plan. Meet with an academic advisor to create a specific plan that best fits your academic needs. Remember, taking an average of 15 credit hours per semester facilitates timely graduation.




**WEBER STATE**  
UNIVERSITY

Catalog Year: 2020-2021 [MATH 1050/ENGL 2010 Placement]

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

	Course	Credit Hour	Semester Offered	Milestones & Notes
Freshman (Semester 1)				
	GEO 1110 PS Dynamic Earth: Physical Geology	3	Fall/Spring/Summer	<ul style="list-style-type: none"><li>Complete QL, EN, and Information Literacy Gen Ed requirements within first 2 semesters. These skills will be needed in upper-division courses.</li></ul>
	GEO 1115 Physical Geology Lab	1	Fall/Spring	
	ENGL 2010 EN Intermediate College Writing	3	Fall/Spring/Summer	
	MATH 1050 QL College Algebra	4	Fall/Spring/Summer	
	GE American Institutions (AI) Elective	3	Fall/Spring/Summer	
	LIBS 1504 Information Literacy Competency Exam <b>-or-</b> LIBS 1704 Information Navigator	1	Fall/Spring/Summer	
	<b>Total Semester Credits</b>	<b>15</b>		
Freshman (Semester 2)				
	GEO 1060 PS Environmental Geosciences <b>-or-</b> GEOG 1500 PS The Science of Global Warming	3	Fall/Spring/Summer Spring	<ul style="list-style-type: none"><li>CHEM 1200 is required for students who did not take AP or Honors chemistry in high school.</li></ul>
	GEO 1220 Historical Geology	4	Fall/Spring	
	MATH 1060 Trigonometry	3	Fall/Spring/Summer	
	EDUC 1010 Exploring Teaching	3	Fall/Spring	
	CHEM 1200 Preparation for College Chemistry	3	Fall/Spring/Summer	
	<b>Total Semester Credits</b>	<b>16</b>		
Sophomore (Semester 3)				
	GEO 1130 PS Intro to Meteorology	3	Fall/Spring	<ul style="list-style-type: none"><li>COMM 1020 HU is required by the Education Program but also counts toward General Education requirements</li></ul>
	GEO 2050 Earth Materials	4	Fall	
	GEO 2600 Laboratory Safety	1	Fall/Spring	
	CHEM 1210 PS Principles of Chemistry I	5	Fall/Spring/Summer	
	COMM 1020 HU Principles of Public Speaking	3	Fall/Spring/Summer	
	<b>Total Semester Credits</b>	<b>16</b>		
Sophomore (Semester 4)				
	GEO 2600 Laboratory Safety	2	Fall/Spring	<ul style="list-style-type: none"><li>CHF 1500 SS is required by the Education Program but also counts toward Gen Ed requirements.</li></ul>
	CHF 1500 SS Human Development	3	Fall/Spring/Summer	
	PHYS 1040 PS Elementary Astronomy	3	Fall/Spring/Summer	
	CHEM 1220 Principles of Chemistry II	5	Fall/Spring/Summer	
	GE Creative Arts (CA) Elective	3	Fall/Spring/Summer	
	<b>Total Semester Credits</b>	<b>16</b>		
Junior (Semester 5)				
	GEO 3150 Geomorphology	4	Fall	<ul style="list-style-type: none"><li>Begin application process and testing to be formally admitted into the Teacher Education Program. Overall GPA of 3.00 is required.</li></ul>
	GEO Elective	3	Fall	
	BTNY 1203 LS Plant Biology	3	Fall/Spring/Summer	
	PHYS 2010 PS College Physics I	5	Fall/Spring/Summer	
	HIST 3350 History & Philosophy of Science	3	Fall/Spring	
	<b>Total Semester Credits</b>	<b>18</b>		

	Course	Credit Hours	Semester Offered	Milestones & Notes
Junior (Semester 6)				
	GEO 3010 Oceanography & Earth Systems <b>-or-</b> GEOG 3050 Weather & Climate	3	Spring Fall/Spring	<ul style="list-style-type: none"> <li>GEO 4800 requires students to undertake a science-fair-like research project.</li> <li>Choose one 3-cr hour Gen Ed Breadth course that also satisfies the diversity (DV) requirement.</li> </ul>
	GEO 3570 Foundations of Science Education	3	Spring	
	GEO 4800 Independent Study	1	Fall/Spring/Summer	
	PHYS 2020 College Physics II	5	Fall/Spring	
	GE Humanities (HU)/Creative Arts (CA) Elective	3	Fall/Spring/Summer	
	GE Social Science (SS) Elective	3	Fall/Spring/Summer	
	<b>Total Semester Credits</b>	<b>18</b>		
Senior (Semester 7)				
	GEO 4570 Secondary School Science Teaching Methods	3	Fall	<ul style="list-style-type: none"> <li>"Block 1" Professional Education Core</li> </ul>
	EDUC 3220 Foundations of Diversity	2	Fall/Spring	
	EDUC 3265 The Exceptional Student	2	Fall/Spring	
	EDUC 3315 Media Integration in the Secondary School Setting	1	Fall/Spring	
	EDUC 3900 Preparing, Teaching, & Assessing Instruction	3	Fall/Spring	
	EDUC 3910 Secondary Education Practicum	2	Fall/Spring	
	EDUC 3935 Reading & Writing Across the Secondary Curriculum	2	Fall/Spring	
	<b>Total Semester Credits</b>	<b>15</b>		
Senior (Semester 8)				
	EDUC 4940 Student Teaching in Secondary Education	8	Fall/Spring	<ul style="list-style-type: none"> <li>"Block 2" Student Teaching</li> </ul>
	EDUC 4950 Integrated Secondary Student Teaching Seminar	4	Fall/Spring	
	<b>Total Semester Credits</b>	<b>12</b>		
	<b>Total Bachelor Credits</b>	<b>126*</b>		

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

<input type="checkbox"/> HU COMM 1020	<input type="checkbox"/> CA	<input type="checkbox"/> HU or CA
<input type="checkbox"/> SS CHF 1500	<input type="checkbox"/> SS	
<input type="checkbox"/> PS CHEM 1210	<input type="checkbox"/> LS BTNY 1203	<input type="checkbox"/> PS or LS PHYS 2010
<input type="checkbox"/> DV ( <b>Double dip with breadth course</b> )		

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

**Revision Date: 5/13/2019**

**Notes:** This is a "composite" teaching major and does NOT require a minor. The physical and life sciences (PS/LS) general education requirement will be fully met by courses required for this major.

Taking courses during the summer terms can lighten the course load for Fall and Spring semesters.

**\*A minimum of 120 credit hours are required for a bachelor's degree.**