

# Bachelor of Science in CHEMISTRY TEACHING BS – Fall Start




## 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 12 or more credit hours per semester facilitates timely graduation.

**WEBER STATE**  
UNIVERSITY

Catalog Year 2020-2021: QL MATH Placement

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

	Course	Credit Hour	Semester Offered	Milestones & Notes
Freshman (Semester 1)				
	MATH QL 1050 College Algebra -or- MATH QL 1080 Pre-calculus	4-5	F, Sp, Su	<ul style="list-style-type: none"><li>• **See catalog for associated pre- and/or co-requisites</li><li>• Average GPA of 2.00 or higher in courses within the major</li><li>• Schedule appointment with Department of Teacher Education</li></ul>
	**CHEM 1210 PS Principles of Chemistry I	5	F, Sp, Su	
	EDUC 1010 Exploring Teaching	3	F, Sp	
	<b>Total Semester Credits</b>	<b>12-13</b>		
Freshman (Semester 2)				
	CHEM 1220 Principles of Chemistry II	5	F, Sp, Su	<ul style="list-style-type: none"><li>• *May opt to take LIBS 1504 Competency Exam (<a href="https://library.weber.edu/content/information-literacy-competency-exam-lib-1504">https://library.weber.edu/content/information-literacy-competency-exam-lib-1504</a>)</li></ul>
	CHF 1500 SS Human Development -or- PSY 3140 Adolescent Psychology	3	F, Sp, Su	
	ENGL 1010 Introductory College Writing	3	F, Sp, Su	
	*LIBS 1704	1	F, Sp, Su	
	<b>Total Semester Credits</b>	<b>12</b>		
Freshman (Optional)				
				<ul style="list-style-type: none"><li>• †Or other appropriate Gen Ed requirement</li></ul>
	<b>Total Semester Credits</b>			
Sophomore (Semester 3)				
	CHEM 2310/2315 Organic Chemistry I/Lab	5	F, Sp, Su (B1)	<ul style="list-style-type: none"><li>• †Or other appropriate Gen Ed requirement</li></ul>
	†GE Creative Arts Elective	3	F, Sp, Su	
	ENGL 2010 EN Intermediate College Writing	3	F, Sp, Su	
	HIST 3350 History and Philosophy of Science	3	F, SP	
	<b>Total Semester Credits</b>	<b>14</b>		
Sophomore (Semester 4)				
	CHEM 3570 Foundations of Science Education	3	S	<ul style="list-style-type: none"><li>• **If 3-credit hour Life Science course is selected, will need 1 more credit hour of PS/LS to satisfy GE requirement</li><li>• *See catalog for major elective course options and associated prerequisites (select at least 8 credit hours from CHEM 3000, 3020, 3070, 3075, 3410, 3610)</li><li>• <b>Apply for admission into Teacher Education program</b> (see website for more information)</li></ul>
	‡CHEM 3000 Quantitative Analysis	4	F, Sp	
	‡CHEM 3020 Computer Applications in Chemistry	1	F, Sp	
	**GE Life Science Elective	3-4	F, Sp, Su	
	CHEM 2600 Laboratory Safety	1	F, Sp	
	<b>Total Semester Credits</b>	<b>12-13</b>		
Sophomore (Optional)				
	<b>Total Semester Credits</b>			

	Course	Credit Hours	Semester Offered	Milestones & Notes
Junior (Semester 5)				
	COMM 1020 HU Principles of Public Speaking –or– COMM 2110 HU Interpersonal & Small Group Comm	3	F, Sp, Su	<ul style="list-style-type: none"><li>• *See catalog for major elective course options and associated prerequisites (select at least 8 credit hours from CHEM 3000, 3020, 3070, 3075, 3410, 3610)</li><li>• Grade of B- or higher required for COMM 1020 or COMM 2110</li><li>• †Or other appropriate Gen Ed requirement</li></ul>
	CHEM 4570 Secondary School Science Teaching Mthds	3	F	
	*CHEM 3070/75 Biochemistry I/Lab	4	F, Sp	
	†GE Social Science Elective	3	F, Sp, Su	
	<b>Total Semester Credits</b>	<b>13</b>		
Junior (Semester 6)				
	GE Physical/Life Science Elective (if needed; see ** Sem 4)	3-5	F, Sp, Su	<ul style="list-style-type: none"><li>• <b>Take PRAXIS II content exams for teaching major/minor</b> (see <a href="http://weber.edu/COE/howtoapply.html">http://weber.edu/COE/howtoapply.html</a> for more information)</li><li>• †Or other appropriate Gen Ed requirement</li></ul>
	†GE Humanities/Creative Arts Elective	3	F, Sp, Su	
	CHEM 4800 Research and Independent Study -or– CHEM 4890 Cooperative Work Experience	1	F, Sp, Su	
	†GE American Institutions Elective	3	F, Sp, Su	
	Elective	2 or more		
	<b>Total Semester Credits</b>	<b>12-14+</b>		
Junior (Optional)				
				<ul style="list-style-type: none"><li>•</li></ul>
	<b>Total Semester Credits</b>			
Senior (Semester 7)				
	EDUC 3220 Foundations of Diversity	2	F, Sp	<ul style="list-style-type: none"><li>•</li></ul>
	EDUC 3265 The Exceptional Student	2	F, Sp	
	EDUC 3315 Media Integration in the Secondary...	1	F, Sp	
	EDUC 3900 Preparing, Teaching & Assessing Instruction	3	F, Sp	
	EDUC 3910 Secondary Education Practicum	2	F, Sp	
	EDUC 3935 Reading & Writing Across the Secondary...	2	F, Sp	
	<b>Total Semester Credits</b>	<b>12</b>		
Senior (Semester 8)				
	EDUC 4940 Student Teaching in Secondary Education	8	F, Sp	<ul style="list-style-type: none"><li>•</li></ul>
	EDUC 4950 Integrated Secondary Student Teaching Sem	4	F, Sp	
	<b>Total Semester Credits</b>	<b>12</b>		
	<b>Total Bachelor Credits</b>	<b>99-103</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 Breadth course)		

**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: 6/16/2020**

**Notes:**

- **NEED 120 TOTAL CREDIT HOURS TO GRADUATE.**
- **NEED 40 UPPER DIVISION CREDIT HOURS TO GRADUATE.**
- **Work closely with Chemistry & Teacher Education advisors in order to ensure completion of required courses for licensure!**
- Students who have math deficiencies will require additional semesters to graduate. It is recommended that Gen Ed courses to be taken during summer semester to accommodate remedial MATH and ENGLISH courses.
- Since this is a science major, the course requirements are very rigid. Major courses are prioritized over Gen. Ed. Courses. Significant deviation from the MAP will likely result in additional semester required to graduate.
- **See WSU Catalog for prerequisite requirements & elective course options.**