

# ACADEMIC PROGRAM COMPLETION PLAN

Advising/Sign-off Sheet

## Chemistry Teaching Minor

Advisor: Tascha Knowlton, 2112 HEB, 801-585-7284, advisor@chem.utah.edu

Student Name: \_\_\_\_\_

Student's ID#: \_\_\_\_\_

Student's Signature: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Advisor's Signature: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

To Departmental Advisor: Please indicate below which courses the above-named student has completed in fulfillment of Teaching Major/Minor requirements. **PLEASE WRITE IN AND INITIAL ALL SUBSTITUTIONS.** After signing the form, please place it in an envelope, seal the envelope, and sign over the seal before returning it to the student.

### Core Requirements

	Sem	Year	Course	Grade
CHEM			CHEM1210 General Chemistry I (4) OR CHEM1211 Honors General Chemistry I (4)	
			CHEM1200 Preparation for General Chemistry (4) OR CHEM1221 Honors General Chemistry II (4)	
			CHEM1215 General Chemistry Laboratory I (1) OR CHEM1240 Honors General Chemistry Laboratory I (1)	
			CHEM1225 General Chemistry Laboratory II (1) OR CHEM1241 Honors General Chemistry Laboratory II (1)	
			CHEM2310 Organic Chemistry I (4) OR CHEM2311 Honors Organic Chemistry I (4)	
		CHEM2315 Organic Chemistry Laboratory I (2)		
		CHEM2320 Organic Chemistry II (4) OR CHEM2325 Organic Chemistry Laboratory II (2)		
		CHEM1120 Elementary Bioorganic Chemistry (4)		

Choose one of the following (at least 3 credits):

CHEM			CHEM3000 Quantitative Analysis (4) CHEM3060 Quantum Chemistry and Spectroscopy (4) CHEM3070 Thermodynamics and Chemical Kinetics (4) CHEM3090 Physical Chemistry for Life Sciences (4) CHEM3100 Inorganic Chemistry (4) CHEM3200 Radiochemistry with Laboratory I (3) CHEM3510 Biological Chemistry I (3) CHEM3520 Biological Chemistry II (3)	
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EDU			EDU5170 Secondary Science Methods (3) EDU5375 Science Methods (3)	
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**Courses for Secondary Education Licensure must be completed with a grade of "B-" or better beginning fall 2020. Education and prerequisite courses completed prior to fall 2020 must be completed with a grade of "C" or better. Major/minor courses must be completed with a grade of "C" or better unless departmental grade requirements are higher.**

Course Substitutions: If a course that is required for the minor is not available, the department reserves the right to

substitute another course to fulfill that requirement. For any questions regarding Quarter to Semester course equivalencies, please see the departmental advisor. **Some courses may be taken as honors or AP versions. Please consult a DAR, the general catalog, or the departmental advisor for any questions.**

**Candidates for Secondary Education Licensure are required to maintain a 3.0 cumulative G.P.A. in all licensure coursework.**

**NOTE:** This academic completion plan **ONLY** lists those courses that are required for your **MINOR**. It **DOES NOT** include General Education or Bachelor's Degree requirements which are also components to completing your degree. Please refer to your DARS report to make sure you are on track for these requirements.