

## BS in Chemistry Education (810)

 Catalog Year  
 2013 - 2014

**General Information:**

 Academic Advising has provided a **recommended graduation plan** for every major we offer.

- This plan is built to meet the University's minimum credit requirement (120 credits for a bachelor's degree and 60 for an associate) in 8 semesters or less. Each plan includes all required courses, including Foundations and major as well as emphasis, minor or clusters (if applicable). The plan may also include elective courses to meet the credit requirement.
- Please note the following terms: Groups = A term used on the Degree Audit to reference a required group of classes that may be pre-selected or from which you can choose; General Elective = any course offering at BYU-Idaho which you are eligible to take; Major Elective = a required course from a list of multiple course options within your major. (A certain number of "major electives" may be required for your major, but you can select which course to choose from the given list.)

Semester 1	Credits	Semester 2	Credits	Semester 3	Credits	Semester 4	Credits
CHEM 105	4	CHEM 106	4	CHEM 351	4	## Chem. Elective	2-4
* FDMAT 112	4	MATH 113	3	PH 121	3	(352 & 481 available f/w/s)	
FDENG 101	3	** FDSCI 101	2	PH 150	1	PH 220	3
FDAMF 101	3	ED Minor	3	ED 200	2	FDENG 201	3
FDREL 121 or 122	2	*** Cultural Awareness	2-3	FDREL 200	2	ED Minor	3
		FDREL 121 or 122	2	* Take one:	1-3	ED Minor	3
				FDMAT 108 (3 cr)		FDREL Scripture	2
				FDMAT 108T (1 cr)			
<b>Total Credits</b>	<b>16</b>	<b>Total Credits</b>	<b>16-17</b>	<b>Total Credits</b>	<b>13-15</b>	<b>Total Credits</b>	<b>16-18</b>
Semester 5	Credits	Semester 6	Credits	Semester 7	Credits	Semester 8	Credits
***Chem. Elective	2-4	## Chem. Elective	2-4	CHEM 405 (Fall sem only)	2	ED 492	10
(352, 462, 464, 470, 471, 481)		(352, 462, 464, 470, 471, 481)		ED 461	3		
CHEM 220	5	ED 361	3	SPED 360	2		
CHEM 461 or CHEM 468	3	ED Minor	3	ED Minor	3		
ED 304	3	ED Minor	3	ED Minor	3		
FDREL Scripture	2	*** Cultural Awareness	2-3	FDCNC 350	2		
# PH Elective	1-3	FDREL Elective	2	FDREL Elective	2		
<b>Total Credits</b>	<b>16-18</b>	<b>Total Credits</b>	<b>15-18</b>	<b>Total Credits</b>	<b>17</b>	<b>Total Credits</b>	<b>10</b>

**Special Instructions**

See next page

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## Special Instructions

~ Students not on a fall/winter track will need to contact the Physical Sciences & Engineering Advising Center, Academic Discovery Center, Austin 106 (208-496-9880) to declare Chemistry Ed as a major. They will also need to meet with them during the beginning of their fourth semester to either apply for Fast Grad or have their track adjusted.

~ It is recommended that students minor in MATH Ed, Physics Ed, or Physical Science Ed to stay within the 120 credit limit. Meet with your Chemistry faculty mentor ASAP to choose an education minor (must be in an area outside of chemistry) and optimize your grad plan! Chemistry Department: 287 Romney; 208-496-7700.

\* Students will need to either take FDMAT 108-Mathematical Tools for the Real World (3 cr) or FDMAT 108T-Math for the Real World Test (1 cr) to complete the Quantitative Reasoning Requirement for Foundations. The prerequisite for FDMAT 108T will be the successful completion of any FDMAT course. The Chemistry department recommends that students majoring in Chemistry Ed choose FDMAT 112-Calculus as the prerequisite (FDMAT 112 is a prerequisite for MATH 113) and take FDMAT 108T. Please see the Math homepage for more information on the Quantitative Reasoning requirement (<http://www.byui.edu/mathematics/fdmat108/fdmat108t-%28test-out%29>).

\*\* It is recommended that students choose Option C to complete their Science Foundations requirement, which would be completed with FDSCI 101, CHEM 105, and 4 credits of applicable Physics courses.

\*\*\* Complete FDCA 201-206 if FDCA 101 was previously taken; complete FDWLD 201 if FDWLD 101 was taken.

# PH Elective: 1 credit minimum; to be completed anytime during Semesters 3 - 7. Available choices: Ph 123 (3 cr), PH 250 (1 cr), PH 311 (3 ); check to verify semesters available.

## Chem. Elective: 8 credits total; to be completed anytime during Semesters 4 - 6. Available choices: Chem. 352 (4 cr), 462 (3 cr) 464 (2 cr), 470 (3), 471 (2 cr), 481 (4 cr); check to verify semesters available. ~It is recommended that students choose Option C to complete their Science Foundations requirement, which would be completed with FDSCI 101, CHEM 105, and 4 credits of applicable Physics courses.