

Integrated Studies - Chemistry Emphasis, BA/BS

Chemistry Emphasis Requirements

31-32 credits

Code	Title	Hours
Chemistry Emphasis Requirements		
CHEM 1210 & CHEM 1215	Principles of Chemistry I (PS) and Principles of Chemistry I Lab (LAB)	5
CHEM 1220 & CHEM 1225	Principles of Chemistry II and Principles of Chemistry II Lab	5
CHEM 2310 & CHEM 2315	Organic Chemistry I and Organic Chemistry I Lab	5
CHEM 2320 & CHEM 2325	Organic Chemistry II and Organic Chemistry II Lab	5
Complete 3 courses from the following:		
CHEM 3000 & CHEM 3005	Quantitative Chemical Analysis and Quantitative Chemical Analysis Laboratory	4
CHEM 3060 & CHEM 3065 or CHEM 3070 & CHEM 3075	Physical Chemistry 1 and Physical Chemistry I Lab Physical Chemistry II and Physical Chemistry II Lab	5
CHEM 3100	Inorganic Chemistry	4
CHEM 3510 & CHEM 3515 or CHEM 3520 & CHEM 3525	Biochemistry I and Biochemistry I Lab Biochemistry II and Biochemistry II Lab	4
CHEM 4200	Environmental Chemistry	3
CHEM 4100	Advanced Inorganic Chemistry	3
CHEM 4310	Adv Organic Chemistry I	3
CHEM 4510	Chemistry of Materials	3
CHEM 4610	Nutritional Biochemistry	3

Notes:

1. Students must select and complete two emphases and Core Requirements.
2. Students may only apply one Biochemistry course to the Chemistry emphasis.
3. Grade C or higher in each Emphasis Area course required.