

B.S. Chemistry Curriculum
Suggested Four-Year Program of Study

First Year

CHEM 105	General Chemistry I	4	CHEM 106	General Chemistry II	4
MATH 111	Calculus I	4	MATH 112	Calculus II	4
IDFY 101	First Year Seminar	3	IDCR 151	Created/Called for Community	3
	Language	3	COMM 10X	Oral Communications	3
		14		Language	3
					17

Sophomore Year

CHEM 309	Organic Chemistry I	4	CHEM 310	Organic Chemistry II	4
CHEM 221	Chemical Analysis I	4		History	3
	Language or Cross Cultural	3	PHYS 211	General Physics I	4
	Math Science Elective	3		Social Science	3
BIBL 2XX	Encountering the Bible OT/NT	3	PHED 101	Introduction to Wellness	2
		17			16

Junior Year

CHEM 337	Physical Chemistry I	3	CHEM 338	Physical Chemistry II*	4
CHEM 361	Inorganic Chemistry*	4	CHEM 393	Research Methods (optional)	1
CHEM 390	Junior Chemistry Seminar	1	CHEM 321	Chemistry Analysis II*	4
PHYS 212	General Physics II	4		Non-Western Studies	2/3
PHIL 101/102	Philosophy	3		Elective	4
PHED 1XX	Physical Education	1			
		16			16

Senior Year

CHEM 410	Biochemistry I or Elective*	4	CHEM 342	Advanced Synthesis Lab*	2
CHEM 422	Senior Research (optional)	3	CHEM 490	Senior Chemistry Seminar	1
	Christian Beliefs	3	CHEM 495	Natural Sciences Capstone	3
	Arts	3		Ethics/World Views/Pluralism	3
	Literature	3		Electives	6
		16			15

***Interchangeable between Junior and Senior years**

