

B.S. in Chemistry

First Semester			Second Semester		
CHM 115	Elements & Compounds	3	CHM 116	The Chemical Reaction	3
CHM 113	Elements & Compounds Lab	1	CHM 114	The Chemical Reaction Lab	1
MTH 111	Calculus I	4	MTH 112	Calculus II	4
ENG 101	English 101	4	CS 125	Computer Science I	4
FYF 101	First Year Foundations	3		Distribution Requirement	3
Semester Total		15	Semester Total		15
Third Semester			Fourth Semester		
CHM 231	Organic Chemistry I	3	CHM 232	Organic Chemistry II	3
CHM 233	Organic Chemistry I Lab	1	CHM 234	Organic Chemistry II Lab	1
PHY 201	Physics I	4	PHY 202	General Physics II	4
	Distribution Requirement	3	CHM 248	Analytical Chemistry	3
	Distribution Requirement	3	CHM 246	Analytical Chemistry Lab	1
Semester Total		14	MTH 212	Multivariable Calculus	4
			Semester Total		16
Fifth Semester			Sixth Semester		
CHM 351	Physical Chemistry I	3	CHM 352	Physical Chemistry II	3
CHM 353	Physical Chemistry I Lab	1	CHM 354	Physical Chemistry II Lab	1
CHM 341	Instrumental Analysis	3	CHM 322	Inorganic Chemistry	3
CHM 343	Instrumental Analysis Lab	1	CHM 365	Medical Biochemistry	4
	Distribution Requirement	3	CHM 370	Integrated Chemistry Lab	1
	Distribution Requirement	3	CHM 390	Junior Seminar	1
Semester Total		14		Distribution Requirement	3
			Semester Total		16
Seventh Semester			Eighth Semester		
CHM 391	Senior Research	2	CHM 392	Senior Research	2
CHM 371	Integrated Chemistry Lab	2	CHM 372	Integrated Chemistry Lab	1
	Major Elective	3		Major Elective	3
	Free Elective	3		Free Elective	3
	Free Elective	3		Free Elective	3
	Free Elective	3		Free Elective	3
Semester Total		16	Semester Total		15
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Grand Total					121

⇒ Students in the B.S. Chemistry program must complete 4 credits (total) of Integrated Laboratory (CHM 370/371/372).