

CHE 2016

7/1/2016

## CHEMISTRY MAJOR

### MAJOR REQUIREMENTS (57-63) (54 Core + 3-9 Concentration)

__ 2	BIO	341	Ethical Issues
__ 3	CHE	121	Gen Chemistry I
__ 3	CHE	122	Gen Chemistry II
__ 1	CHE	123	Gen Chemistry Lab I
__ 1	CHE	124	Gen Chemistry Lab II
__ 4	CHE	201	Organic Chemistry
__ 0	CHE	201L	Organic Chemistry Lab
__ 4	CHE	202	Organic Chemistry
__ 0	CHE	202L	Organic Chemistry Lab
__ 4	CHE	321	Analytical Chemistry
__ 0	CHE	321L	Analytical Chemistry Lab
__ 3	CHE	322	Chemical Instrumentation
__ 0	CHE	322L	Chemical Instrument Lab
__ 4	CHE	421	Physical Chemistry
__ 0	CHE	421L	Physical Chemistry Lab
__ 4	CHE	422	Physical Chemistry
__ 0	CHE	422L	Physical Chemistry Lab
__ 1	CHE	475	Senior Seminar
__ 4	MAT	181	Calculus I
__ 0	MAT	181L	Calculus I Lab
__ 4	MAT	182	Calculus II
__ 0	MAT	182L	Calculus II Lab

Choose one:

__ 4	BIO	372+374	Cell & Molecular Bio + lab
	CHE	371+371L	Biochemistry + lab

Choose one:

__ 4-5	PHY	201+201L	Intro Physics I + lab
	PHY	211+211L	General Physics I + lab

Choose one:

__ 4-5	PHY	202+202L	Intro Physics II + lab
	PHY	212+212L	General Physics II + lab

REQUIRED CONCENTRATION (choose one):

### CHEST - STANDARD TRACK (3)

__ 1	CHE	399	Intro Chem Research
__ 2	CHE	400	Senior Research

### CHEAC - AMERICAN CHEMICAL SOCIETY CERTIFICATION TRACK (9)

__ 3	CHE	382	Inorganic Chemistry
__ 3	CHE	435	Internship
__ 3	MAT	252	Diff Equations/Modeling

### MAJOR plus FOUNDATIONS requirement of (39)

(3 hours math and 4 hours science satisfied by required major courses.)

### Plus electives needed for the 124 hour degree requirement (22-28, depending on concentration)