

B.S. CHEMISTRY—GENERAL OPTION SAMPLE CURRICULUM

→ FRESHMAN YEAR

FALL		SPRING	
CHEM 111/111L <i>General Chemistry I and Lab</i>	4	CHEM 112/112L <i>General Chemistry II and Lab</i>	5
MATH 170 <i>Calculus I</i>	4	MATH 175 <i>Calculus II</i>	4
ENGL 102 <i>Writing and Rhetoric</i>	3	COMM 101 <i>Fundamentals of Oral Communication</i>	3
CS 112 <i>Computational Thinking and Prob. Solv.</i>	3	ECON 201 <i>Princ. of Macroeconomics (Soc. Sci. 1 of 2)</i>	3
ART 100 <i>Intro. to Art (Hum. 1 of 2)</i>	3		
Semester total:	17	Semester total:	15

→ SOPHOMORE YEAR

FALL		SPRING	
★CHEM 253/254 <i>Quantitative Analysis and Lab</i>	5	◆CHEM 372/374 <i>Organic Chemistry II and Lab</i>	4
CHEM 277/278 <i>Organic Chemistry I and Lab</i>	4	PHYS 211/211L <i>Engineering Physics I and Lab</i>	4
MATH 275 <i>Calculus III</i>	3	ANTH 261 <i>Language and Culture (Soc. Sci. 2 of 2)</i>	3
ELEC	3	ELEC	3
Semester total:	15	Semester total:	14

→ JUNIOR YEAR

FALL		SPRING	
★CHEM 305/307 <i>Physical Chemistry I and Lab</i>	4	◆CHEM 306/308 <i>Physical Chemistry II and Lab</i>	4
PHYS 212/212L <i>Engineering Physics II and Lab</i>	4	FLEN 307 <i>Institutions of the European Union (Int.)</i>	3
ELEC	3	PHIL 351 <i>Philosophy of Science (Hum. 2 of 2)</i>	3
ELEC	3	ELEC	3
		ELEC	3
Semester total:	14	Semester total:	16

→ SENIOR YEAR

FALL		SPRING	
CHEM 409 <i>Proseminar</i>	1	POLS 333 <i>American Political Culture (Am. Div.)</i>	3
ELEC	3	ELEC	3
ELEC	3	ELEC	3
ELEC	3	ELEC	3
ELEC	3	ELEC	3
ELEC	3		
Semester total:	16	Semester total:	15

NOTES

- This sample curriculum totals 122 credits (120 are required to graduate).
- Courses listed in red are required.
- Courses listed in blue are required but have alternatives to choose from (e.g., ART 101 is one of any number of courses that will count toward the fulfillment of the "Humanistic and Artistic Ways of Knowing" requirement).
- Courses labeled with a star (★) are only offered in the fall.
- Courses labeled with a diamond (◆) are only offered in the spring.
- "ELEC" are "free" electives taken only for their credit contribution to the 120 required to graduate. As such, they can be any course of your choosing (i.e., any discipline, any level).