

BACHELOR OF SCIENCE IN CHEMISTRY (ACS CERTIFIED)

Stu ID:		Date:	
Name:		Advisor:	
Major:	Chemistry (ACS Certified) - BS	Catalog:	2017-2018
Minor:		Ant Grad:	

MAJOR COURSES

15 Courses; Minimum 30 credits required; 30 credits must be from SU

		Grade	Credit	
<i>Select one of the following:</i>				
CHE51-153	Principles of General Chemistry			CHE51-XXX
CHE51-143	Principles of General Chemistry w/ Tutorial			CHE51-XXX
<i>Take the following:</i>				
CHE51-151	Chemical Methods and Techniques Lab			<i>Select two additional upper-level courses (3-4 credits each) approved by Dept Chair*:</i> *Dept Chair must send approved course selections to Records Office. B.S. Core Courses:
CHE51-163	Chemical Kinetics & Equilibrium			
CHE51-161	Chemical Kinetics & Equilibrium Lab			
CHE51-822	Chemistry Literature Seminar			
CHE51-543	Organic Chemistry I			
CHE51-541	Organic Chemistry I Lab			
CHE51-553	Organic Chemistry II for Majors			
CHE51-561	Organic Chemistry II Lab for Majors			
CHE51-714	Physical Chemistry: Thermodynamics & Kinetics			
CHE51-724	Physical Chemistry: Quantum Mech & Stat Mech			
CHE51-564	General Biochemistry I for Majors			
CHE51-634	Inorganic Chemistry and Biological Systems			
CHE51-644	Instrumentation in Environmental & Biological Analysis			
CHE51-991	Methods in Lab Research (can be repeated for a total of two credits)			
CHE51-912	Senior Research Capstone			
<i>Select one from the following:</i>				
MAT52-114	Introduction to Statistics			
MAT52-254	Calculus II			
CSC54-184	Computer Science I			

GENERAL EDUCATION REQUIREMENTS

At least 30 total credits required, minimum 3 credits required per course

General Education Part I

First Year/Adv. Entry Seminar:

UST05-014 or UST05-214		Grade	Credit
---------------------------	--	-------	--------

Foreign Language (3 sem.)

		Grade	Credit
		Grade	Credit

Social Justice Course (may double count with any requirement):

		Grade	Credit
--	--	-------	--------

2 different FRAs:

		Grade	Credit
		Grade	Credit

Total Earned Credits:	0
Total Southwestern Credits:	
Total Major Credits:	0
Total Gen Ed Credits:	0

Exploration & Breadth - GE Part II

Six total courses

CHE major and elective courses cannot be used to satisfy E & B requirements.

Select one course from each of the four following areas:

Humanities:

		Grade	Credit
--	--	-------	--------

Natural Sciences:

PHY53-154	Fundamentals of Physics I	BS Core	0
-----------	---------------------------	---------	---

Social Sciences:

		Grade	Credit
--	--	-------	--------

Fine Arts:

		Grade	Credit
--	--	-------	--------

Select two additional courses from the four areas listed above. Courses must be from different areas and from different subjects from above courses:

		Grade	Credit
		Grade	Credit

*Public Speaking, College Writing and Creative Writing courses may not count in Exploration & Breadth

A "C" average on all work attempted is required for graduation. No grade below "C-" may be counted toward the major or minor. At least 127 credits are required to earn a degree at Southwestern; of these, 64 credits must be completed in residence, including the last 32 credits. No more than 56 credit hours may be counted in one subject area. A major requires at least 30 credits, more than 50% upper-level, and a minor (optional) requires at least 18 credits (at least 12 upper-level). 60% of the major credits and 12 minor credits must be completed in residence at SU. With the exception of FRAs and the FY/AES seminar, all gen.ed. requirements require a minimum of 3 credits, including Fine Arts Performance. For a complete list of graduation requirements, see catalog.

Graduation Requirements:

Minimum of 127 credits:	
Cumulative GPA > 2.0	
GPA > 2.0 for Major, Minor and/or Areas of Concentration	
Less than C- grade in major/minor/core?	
At least 64 credits completed at Southwestern*	
No more than 56 credits of any 5 digit prefix**	
Major credits completed (min 30 required)	
60% of Major courses completed at Southwestern (30cr)	
50% of Major courses are upper level (25cr)	

Notes:

Minor (optional):

Minimum 18 credits	
Minimum 12 upper level credits	
Minimum of 12 credits taken at Southwestern	
Minimum 2.0 minor courses CGPA	

Other:

Degree Audit Completed (Due one year before grad date)	
Grad Application Submitted (Due start of final semester)	