Bachelor of Science ACS Certified Chemistry (2021-2023)

Student name:

Major Courses

16-17 courses; 26 credits must be from SU

Must earn a C-	or better in all major courses.	Grade	Credit
CHE51-103/101	General Chemistry I/Chemical Methods and Techniques Lab I		
CHE51-203/201	General Chemistry II/Chemical Methods and Techniques Lab II		
CHE51-314	Organic Chemistry I*		
CHE51-324	Organic Chemistry II*		
CHE51-704	Physical Chemistry: Thermodynamics & Kinetics		
CHE51-714	Quantum Mechanics		
CHE51-832	Organic Chemistry Laboratory		
CHE51-932 *at least one cour	Senior Chemistry Capstone se from CHE51-314 and CHE51-324 must be taken at SU.		
Select one Inorga	nic Chemistry course (level 400):		
Select one Analyt	ical Chemistry course (level 500):		
Select one Bioche	emistry course (level 600):		
Select three addit	ional advanced laboratory courses (level 800):		
	- -		
Take two credits of	– – – of Methods in Laboratory Research:		
CHE51-911	Methods in Laboratory Research		
CHE51-911	Methods in Laboratory Research		
220. 0			

Total number of credits counting in the major (minimum 30 credits):

Required Supporting Courses:

Courses in this section are not counted in the 30 credit minimum for the major. Courses in this section may be used in the Exploration and Breadth section.

Courses in this s	ection may be used in the Exploration and Breadth section.	Grade	Credit
MAT52-164	Modern Calculus I		
MAT52-264	Modern Calculus II		
PHY53-154	Fundamentals of Physics I		
PHY53-164	Fundamentals of Physics II uctory Biology course from the following:		
Choose one mirodi	icitify bloody course from the following.		
BIO50-123/121	Living Systems/Investigation Into Living Systems		
BIO50-133-131	Molecular & Population Genetics/Investigation Into Genetics		
Choose one additio	anal course from the following:		
BIO50-123/121	Living Systems/Investigation Into Living Systems**		
BIO50-133-131	Molecular & Population Genetics/Investigation Into Genetics**		
CSC54-184	Computer Science I		
MAT52-364	Modern Calculus III		
MAT52-574	Linear Algebra		
PHY53-214	Modern Physics		
PHY53-404	Electronics		
**The same course	cannot be used to satisfy more than one area within the required supporting course section.		

Total number of credits from Required Supporting Courses:

	cation Requirements	Grade	Credit
Part I JST05-014/214	First Year or Advanced Entry Seminar		
	Semester #1 of Foreign Language:		
	Semester #2 of Foreign Language:		
	Semester #3 of Foreign Language:		
	Social Justice course:		
	Fitness/Recreational Activity course #1:		
	Fitness/Recreational Activity course #2: (must be different from FRA topic #1)		
Part II Exploration and Bre	eadth - 6 courses		
Chemistry which is	es cannot be used to satisfy E&B requirements. Additionally, any other course contributing to used to satisfy a major requirement cannot be used in the E&B section. College Writing & Creative Writing courses cannot count in E&B.	Grade	Credit
	Take one Humanities course:		
	Take one Natural Science course:		
	Take one Social Science course:		
	Take one Fine Arts course:		
	Course #1: Course #2:		
F-t-1	discounting only in the Complete with a Complete with a continuous continuity.		
Total Humber of Cre	dits counting only in the Gen Ed section (30 credit minimum required):		
University el	ectives	Grade	Credit
Total number of	university electives/minor credits:		
Total number of *Minors are opti	credits from a minor (use minor template to determine correct credit count). Enter credonal.	lit amount here:	
Total number of	earned credits counting in major, general education and university elective/minor area	s:	
Students must earr Cumulative GPA m	raduation Requirements: a minimum of 127 earned credits to earn a Bachelor's degree; a minimum of 157 credits is required ust be greater than a 2.0. sentration must have a GPA > 2.0.	for dual degrees.	

60% of Major courses must be completed at Southwestern.

Majors must have a minimum of 30 credits.

General Education area must have a minimum of 30 credits.

At least 64 credits must be completed at Southwestern.

No transfer credits taken outside of SU in final 32 credit hours without approval from the Registrar's Office (except for an approved Study Abroad program).

All grades in a major/minor/core/required supporting courses/certification areas must be a C- or higher . Some majors/minors require higher grades.

No more than 56 credits may be earned from any 5 digit prefix (except Art, Education and Theatre majors). See catalog for full rules.

A limit of 1 FRA may be taken as a university elective and counted towards graduation requirements. Any additional FRA's, taken as a university elective, will be deducted from total earned credit.