General Education Requirements and Degree Information: BACHELOR OF SCIENCE IN CHEMISTRY, ASC CERTIFIED

ID:
Name:
Major: Chemistry (ASC Certified)

Update:
Advisor:
Catalog: 2014-2015
Anticipated Degree Completion:

Course	Grade	Credit
FY/Adv. Entry Seminar:		
05-012/212		
Foreign Language (4 sem.)		
I.		
II.		
III.		
IV.		
Social Justice Course:		
Intercultural Perspective Course:		
2 different FRAs:		
B.S. students need take only 7 of the 8 highlighted requirements		
Humanities: 2 courses, may be same dept.:		

Course	Grade	Credit
Natural Sciences:		
Exp. Lab:	B.S. CORE	
MAT or CSC:	B.S. CORE	
Social Sciences: 2 courses, must be diff. depts:		
Fine Arts Lecture:		
Fine Arts Performance:		
B.S. Core:		
BIO 50-102, 50-112		
BIO 50-122, 50-162		
CHE51-153/151	MAJOR	
CHE51-163/161	MAJOR	
MAT 52-154		
MAT 52-254		
PHYS 53-154		
PHYS 53-164		

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, 60% upper-level, and a minor (optional) requires at least 18 credits (at least 12 upper-level). With the exception of FRAs and the FY/AES seminar, all gen.ed. requirements require a minimum of 3 credits, including Fine Arts Performance.

CHEMISTRY (BS, ASC CERTIFIED)

Major Courses:	Grade	Credit

Electives:	Grade	Credit

CHE51-153 Principles of General Chemistry or CHE51-143 Principles of General Chemistry with Tutorial		
CHE51-151 Chemical Methods and Techniques Lab		
CHE51-163/161 Chemical Kinetics & Equilibrium		
CHE51-822 Chemistry Literature Seminar		
CHE51-543/-541 Organic Chemistry I		
CHE51-553/-561 Organic Chem II for Majors (soph. year)		
CHE51-714 Physical Chem.: Therm./Kinetics		
CHE51-724 Physical Chem:Quant. Mech/Stat. (junior year)		
CHE51-574 General Biochemistry I for Majors		
CHE51-624 Intermediate Inorganic Chemistry		
CHE51-644 Instrumentation in Env. I and Bio. Analysis		
CHE51-991 Methods in Laboratory Research (repeated for total of two credits)		
CHE51-912 Chemistry Lab Research Capstone		

Two additional upper-level approved courses:

CHE51-XXX		
CHE51-XXX		

Within required B.S. core support, must take Calculus II

Paideia:

Cluster:		
	Grade	**Credit**
Course 1:		
Course 2:		
Course 3:		
Seminar:		
Distinction:		

Total credits w/gen ed:

***Minimum of 127 credits required.**