

General Education Requirements and Degree Information: BACHELOR OF ARTS IN CHEMISTRY

ID: _____
Name: _____
Major: Chemistry

Course	Grade	Credit
FY/Adv. Entry Seminar:		
05-012/212		

Foreign Language (4 sem.)

I.		
II.		
III.		
IV.		

Social Justice Course:

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Intercultural Perspective Course:

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2 different FRAs:

Humanities: 2 courses, may be same dept.:

Update: _____
Advisor: _____
Catalog: 2014-2015 ≈ Degree

Course	Grade	Credit
Natural Sciences:		
XXX		MAJOR
XXX		MAJOR

Social Sciences: 2 courses, must be diff. depts:

Fine Arts Lecture:

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Fine Arts Performance:

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Paideia:

Cluster:		
Course 1:		
Course 2:		
Course 3:		
Seminar:		
Distinction:		

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 MAJOR (BA)

Major Courses:	Grade	Credit
CHE51-153 Principles of General Chemistry or		
CHE51-143 Principles of General Chemistry with Tutorial		

Major Courses:	Grade	Credit
1 (at SU) Inorganic course:		
CHE51-624 Intermediate Inorganic Chemistry		

CHE51-151 Chemical Methods & Techniques Lab		
CHE51-163/161 Chemical Kinetics and Equilibrium		
CHE51-822 Chemistry Literature Seminar		

Capstone (2 options):

CHE51-991 Methods in Lab Research (repeated for total of 2 credits)		
CHE51-912 Chem. Lab Capstone (Option1)		
OR		
CHE51-924 Senior Sem Capstone (Option2)		

1 (at SU) Analytical course:

CHE51-214 Quantitative Methods of Analysis		
CHE51-614 Environmental Chemistry		
CHE51-644 Instrumentation in Environmental and Bio.		

1 (at SU) Biochemistry course:

CHE51-564 General Biochemistry I for Majors		
CHE51-584 General Biochemistry II		

Electives:

	Grade	Credit

CHE51-634 Metals in Medicine		
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1 (at SU) Organic course:

CHE51-543/-541 Organic Chemistry I		
CHE51-553/-561 Organic Chemistry II for Majors		

1 (at SU) Physical course:

CHE51-714 Physical Chem.: Thermo/Kinetics		
CHE51-724 Physical Chem.: Quant Mech. & Stat. Mech.		

Required Supporting Courses:

	Grade	Credit
MAT52-154 Calculus I		
MAT52-254 Calculus II		
PHY53-154 Fundamentals of Physics I		
PHY53-164 Fundamentals of Physics II		

Total credits w/gen ed:

***Minimum of 127 credits required.*