

BACHELOR OF SCIENCE

Stu ID: _____
Name: _____
Major: Chemistry - BS
Minor: _____

Date: _____
Advisor: _____
Catalog: 2018-19
Ant Grad: _____

Chemistry Major Courses

14 courses; Minimum 30 credits required; 26 credits must be from SU

Table with 4 columns: Course, Course Name, Grade, Credit. Rows include CHE51-103 Principles of General Chemistry, CHE51-101 Chemical Methods and Techniques Lab, CHE51-203 Chemical Kinetics & Equilibrium, CHE51-201 Chemical Kinetics & Equilibrium Lab, CHE51-314 Organic Chemistry I*, CHE51-311 Organic Chemistry I Lab*, CHE51-324 Organic Chemistry II for Majors*, CHE51-331 Organic Chemistry II for Majors Lab*, CHE51-704 Physical Chemistry: Thermodynamics & Kinetics, CHE51-932 Senior Capstone.

Take three upper level CHE courses (levels 400-700)

Table with 4 columns: Course, Course Name, Grade, Credit. Rows include CHE51-XX4, CHE51-XX4, CHE51-XX4.

Take three advanced laboratory classes (level 800)

Table with 4 columns: Course, Course Name, Grade, Credit. Rows include CHE51-8X2, CHE51-8X2, CHE51-8X2.

Take one of the following options:

Option #1:

Two credits of one of the following two research courses

Table with 4 columns: Course, Course Name, Grade, Credit. Rows include CHE51-91X Methods in Laboratory Research, CHE51-92X Laboratory Research with Distinction.

Option #2:

Take one additional advanced Lab course (level 800). This option is only available to students who have not completed a Methods in Lab Research course.

Table with 4 columns: Course, Course Name, Grade, Credit. Row includes CHE51-8X2.

* At least one course from CHE51-314/311 and CHE51-324/331 must be taken at SU

Table with 4 columns: Required Supporting Course, Course Name, Grade, Credit. Rows include MAT52-154 Calculus I, MAT52-254 Calculus II, BIO50-123 Living Systems, BIO50-121 Investigation into Living Systems, BIO50-133 Molecular and Population Genetics, BIO50-131 Investigation into Genetics, PHY53-154 Fundamentals of Physics I, PHY53-164 Fundamentals of Physics II.

University Electives:

Large empty table for University Electives with 4 columns.

GENERAL EDUCATION REQUIREMENTS

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

General Education Part I

First Year/Adv. Entry Seminar:

Table with 4 columns: Course, Course Name, Grade, Credit. Rows include UST05-014 or UST05-214.

Foreign Language (3 sem.)

Table with 4 columns: Course, Course Name, Grade, Credit. Rows are empty.

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

Table with 4 columns: Course, Course Name, Grade, Credit. Row is empty.

2 different FRAs:

Table with 4 columns: Course, Course Name, Grade, Credit. Rows are empty.

Summary table with 2 columns: Category, Credits. Rows include Total Earned Credits: 0, Total Southwestern Credits:, Total Major Credits: 0, Total Gen Ed Credits: 0.

Graduation Requirements:

- Minimum of 127 credits: _____
Cumulative GPA > 2.0 _____
GPA > 2.0 for Major and/or Areas of Concentration _____
All grades C- or higher in major/minor/core? _____
At least 64 credits completed at Southwestern* _____

Exploration & Breadth (E&B)- GE Part II

Six total courses

CHE major and elective courses cannot be used to satisfy Exploration & Breadth requirements.

Select one course from each of the four following areas:

Humanities:

Table with 4 columns: Course, Course Name, Grade, Credit. Row is empty.

Natural Sciences:

Table with 4 columns: Course, Course Name, Grade, Credit. Row includes MAT52-254 Calculus II.

Social Sciences:

Table with 4 columns: Course, Course Name, Grade, Credit. Row is empty.

Fine Arts:

Table with 4 columns: Course, Course Name, Grade, Credit. Row is empty.

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

Table with 4 columns: Course, Course Name, Grade, Credit. Row includes PHY53-154 Fundamentals of Physics I (DVNS).

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

Notes:

No more than 56 credits of any 5 digit prefix** _____
Major credits completed (min 30 required) _____
60% of Major courses completed at Southwestern (26cr) _____
Gen Ed has minimum of 30 credits _____

Minor (optional):

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

Other:

Degree Audit Completed (Due one year before grad date) _____
Approved to be part time in last semester? _____