



**CHEMISTRY (ASSOCIATE IN SCIENCE) (01530)**

This sample course map does not represent a contract or guarantee of course availability or transfer guarantee, nor does it replace meeting with a Counselor to discuss your goals and create a custom Student Education Plan designed to fit your unique individual needs.

This plan includes GE recommendations satisfying: [Intersegmental General Education Transfer Curriculum \(IGETC\)](#). Please see the IGETC for additional GE options.

This plan assumes the student is placed into transfer level Math and English [Southwestern College Graduation, Certificates, and Degree Requirements](#)

1ST SEMESTER			
Course	Course Title	Units	Requirement Area
CHEM 170	Preparation for General Chemistry	4	GE 5A, GE 5C
MATH 250	Analytical Geometry and Calculus I	5	PR, GE 2
ENGL 115	College Composition: Reading and Writing Analytically	4	GE 1A
HIST 100	American Civilization I	3	GE 4, US 1/2
<b>TOTAL UNITS</b>		<b>16</b>	

WINTER SEMESTER			
Course	Course Title	Units	Requirement Area
COMM 103	Oral Communication	3	GE 1C
<b>TOTAL UNITS</b>		<b>16</b>	

2ND SEMESTER			
Course	Course Title	Units	Requirement Area
CHEM 200	General Chemistry I	5	M
MATH 251	Analytical Geometry and Calculus II	4	M
PHIL 103	Logic and Critical Thinking	3	GE 1B
MAS 142	Mexican-American History II	3	GE 4, US 3
TA 101	Introduction to Theatre	3	GE 3A
<b>TOTAL UNITS</b>		<b>18</b>	

SUMMER SEMESTER			
Course	Course Title	Units	Requirement Area
SPAN 101	Elementary Spanish I	5	GE 6
HIST 104	Western Civilization I	3	GE 3B
<b>TOTAL UNITS</b>		<b>8</b>	

**3RD SEMESTER**

Course	Course Title	Units	Requirement Area
CHEM 210	Organic Chemistry II	5	M
GE 5B	Any GE 5B Course	3	GE 5B
PHYS 270	Principles of Physics I	3	M
PHYS 271	Principles of Physics I Laboratory	1	M
PSYC 101	General Psychology	3	GE 4
<b>TOTAL UNITS</b>		<b>18</b>	

**WINTER SEMESTER**

Course	Course Title	Units	Requirement Area
MUS 107	American Popular Music	3	GE 3A
<b>TOTAL UNITS</b>		<b>3</b>	

**4TH SEMESTER**

Course	Course Title	Units	Requirement Area
CHEM 250	Analytical Chemistry	5	M
CHEM 240	Organic Chemistry	5	M
PHYS 272	Principles of Physics II	3	M
PHYS 273	Principles of Physics II Laboratory	1	M
MATH 252	Analytical Geometry and Calculus III	4	M
<b>TOTAL UNITS</b>		<b>18</b>	

**Requirement Codes:****M: Major Requirement****GE: General Education Requirement****GE Content Areas: 1A, 1B, 1C, AREA 2, 3B, 3A, 3B OR 3A, AREA 4, 5A, 5B, 5C, AREA 6, US-1, US-2, and US-3****E: Elective**