

**College of the Siskiyous**  
**Southern Oregon University Lower Division Major Requirements Transfer Guide**

## Chemistry

10/05/11

### Chemistry: Core requirements for BA Degree- Pre Medicine

Southern Oregon University		College of the Siskiyous	
General Chemistry w/ lab	CH 201, 202, 203 + CH 204, 205, 206	General Chemistry I + General Chemistry II	CHEM 2000+ CHEM 2100
Calculus I	MTH 251	Calculus I	MATH 5A
Calculus II	MTH 252	Calculus II	MATH 1400+ 1500
General Physics (algebra)	PH 201,202, 203 + PH 224,225,226	General Physics I, II, III	PHYS 1105 + 1110
Or	Or	Or	Or
General Physics (calculus)	PH 221, 222, 223 + PH 224, 225, 226	Mechanical Physics /lab Electrical Physics /lab	PHYS 2105 + 2110 + 2115
Principles of Biology	BI 211 + BI 212 +BI 213	Principles of Biology, General Zoology, General Botany	BIO 1001 + 1002 + 1003
General Psychology	PSY 201 + PSY 202	General Psychology	PSY 1001

### Chemistry: Core requirements for BS Degree

Southern Oregon University		College of the Siskiyous	
General Chemistry w/ lab	CH 201, 202, 203 + 204, 205, 206	General Chemistry I + II	CHEM 2000 + 2100
Elementary Functions	MTH 112	Pre-Calculus	MATH 1200
Calculus I	MTH 251	Calculus I	MATH 1400
Calculus II	MTH 252	Calculus II	MATH 1400+ 1500
General Physics (calculus)	PH 221, 222, 223 + PH 224, 225, 226	Mechanical Physics /lab Electrical Physics /lab	PHYS 2100 + 2110 + 2115

### Chemistry: Chemistry Option –(No Additional Courses)

### Chemistry: American Chemical Society Certified Degree in Chemistry Option

Southern Oregon University		College of the Siskiyous	
Differential Equations	MTH 321	Differential Equations	MATH 2500
Calculus III	MTH 253	Calculus and Analytic Geometry II	MATH 1500+2400

### Chemistry: American Chemical Society Certified Degree in Biochemistry Option

Southern Oregon University		College of the Siskiyous	
Principles of Biology	BI 211 + 212 + 213	Principles of Biology, General Zoology, General Botany	BIO 1001 + 1002 + 1003
Calculus III	MTH 253	Calculus Analytic Geometry II	MATH 1500 + 2400
Differential Equations	MTH 321	Differential Equations	MATH 2500

### Chemistry: Forensic Chemistry Option

Principles of Biology	BI 211 + 212 + 213	Principles of Biology, General Zoology, General Botany	BIO 1001 + 1002 + 1003
Statistics	MTH 243	Elementary Statistics	MATH 1050
Introduction to Criminal Law	CCJ 251	Concepts of Criminal Law	ADJ 2002

SOU= Must be taken at SOU

qu = quarter units (qu x .667 = semester units)

( ) = this articulation has been proposed to SOU

su = semester units (su x 1.5 = quarter units)