



Eastern New Mexico University
College of Liberal Art & Sciences
2017-2019 Catalog
Degree Plan Checklist

Date: _____	Major: Biochemistry/Chemistry (ACS-certified)
Name: _____	_____
ID #: _____	Degree: Bachelor of Science

Note: This is page 2 of a two-page plan. See general education for page 1.

Chemistry Core Requirements (30 hours)

CHEM 151/I General Chemistry I	CHEM 151/L	4	_____	_____
CHEM 152/L General Chemistry II	CHEM 152/L	4	_____	_____
CHEM 233/L Quantitative Analysis	CHEM 233/L	4	_____	_____
CHEM 321/L Inorganic Chemistry	CHEM 321L	4	_____	_____
CHEM 341/L Organic Chemistry I	CHEM 341/L	4	_____	_____
CHEM 342/L Organic Chemistry II	CHEM 342/L	4	_____	_____
CHEM 450/L Instrumental Analysis	CHEM 450/L	4	_____	_____
CHEM 492 Undergraduate Seminar	CHEM 492	1	_____	_____
CHEM 495 Senior Chemistry Review	CHEM 495	1	_____	_____

Biochemistry Major Requirements (15-16 hours)

CHEM 401/L Biochemical Methods	CHEM 401/L	2	_____	_____
CHEM 411/L Physical Chemistry/Thermodynamics	CHEM 411/L	4	_____	_____
CHEM 452 Biochemistry	CHEM 452	3	_____	_____
CHEM 453 Advanced Biochemistry OR				
CHEM 412 Physical Chemistry/Quantum Mechanics		3	_____	_____
CHEM 470 Investigative Problems (minimum 3 hrs, max. 4 hrs)	CHEM 470	3-4	_____	_____

Required courses in related areas (28 hours)

BIOL 154/L General Biology I	BIOL 154/L	4	_____	_____
BIOL 155/L General Biology II	BIOL 155/L	4	_____	_____
MATH 119 College Algebra	MATH 119	4	_____	_____
MATH 124 Calculus I	MATH 124	4	_____	_____
MATH 132 Calculus II	MATH 132	4	_____	_____
PHYS 151/L General Physics	PHYS 151/L	4	_____	_____
PHYS 152/L General Physics	PHYS 152/L	4	_____	_____

Recommended electives to complete a minimum of 120 hours (40 hours must be upper division)

BIOL 222 Cell Biology	BIOL	3	_____	_____
BIOL 304 Genetics	BIOL	3	_____	_____
BIOL 306/L General Microbiology	BIOL	4	_____	_____
Upper-division CHEM electives	CHEM		_____	_____