

**WESTERN NEW MEXICO UNIVERSITY**  
**Degree Plan - Chemistry Major (1905)**  
**Department of Natural Sciences**

Student Name: \_\_\_\_\_ ID #: \_\_\_\_\_ Tel #: \_\_\_\_\_ Degree Type \_\_\_\_\_  
 Address: \_\_\_\_\_ Email: \_\_\_\_\_ ☐ BS  
 (complete - incl street, city, state, zip) \_\_\_\_\_ ☐ BA  
 Catalog Authority: 2018-19 Expected Completion: \_\_\_\_\_ Advisor: \_\_\_\_\_

**Deadline for Application for Graduation; June 1st for Fall; September 1st for Spring; February 1st for Summer.**

**GENERAL EDUCATION REQUIREMENTS (41)\***

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
<b>Area I - Oral Communications (3)</b>		
Pick one of the following: COMM 110, THR 250		
Course: _____ (3)	_____	_____
or Transfer: TGE (COMM 175)		
<b>Area I - Written Communications (6)</b>		
ENGL 101 Comp & Rhetoric I (3)	_____	_____
ENGL 102 Comp & Rhetoric II (3)	_____	_____
or Transfer: TGE (ENGL 175) for ENGL 102 only		
<b>Area II - Mathematics (3)</b>		
MATH 105, 106, 107, 121, 131, 132 or 171		
Course: _____ ( )	_____	_____
or Transfer: TGE (MATH 175)		
<b>Area III - Laboratory Science (8)</b>		
Pick two courses (plus labs) from the following:		
BIOL 101, 102, 202, 204, 206,	CHEM 121, 151, 152	
BIOL 212, 254, 255	PHSC 101, 115, 171	
GEOL 101, 102, 201	PHYS 151, 152, 171, 172	
Course: _____ (4)	_____	_____
Course: _____ (4)	_____	_____
or TGE (BIOL 175, CHEM 175, GEOL 175, PHSC 175, PHYS 175)		

**Area IV - Social and Behavioral Sciences (6-9) \*\***  
 Pick 2-3 courses from different groups of the following:  
 1) ANTH 201, 202, 212/214; GEOG 201, 202, 205  
 2) ECON 200, 201, 202 3) POLS 201, 202  
 4) PSY 102 5) SOC 101, 102, BSAD 100, CJUS 111, SWK 101  
 Course: \_\_\_\_\_ (3) \_\_\_\_\_  
 Course: \_\_\_\_\_ (3) \_\_\_\_\_  
 Course: \_\_\_\_\_ (3) \_\_\_\_\_  
 or Transfer TGE (ANTH 175, ECON 175, GEOG 175, POLS 175, PSY 175, SOC 175)

**BS Requirement (6)**  
 CMPS 260 Computer Applications (3) \_\_\_\_\_  
 MATH 321 Statistics (3) \_\_\_\_\_  
 Course: \_\_\_\_\_ ( ) \_\_\_\_\_

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
<b>Area V - Humanities and Fine Arts (9-12) **</b>		
Pick 3-4 courses from at least 3 separate categories below:		
<b>1) History</b> HIST 111, 112, 201, 202		
Course: _____ (3)	_____	_____
Course: _____ (3)	_____	_____
or Transfer: TGE (HIST 175)		
<b>2) Literature</b> ENGL 150, 200, 205, 225, 265		
ENGL 293, 296; LALS 243		
Course: _____ (3)	_____	_____
Course: _____ (3)	_____	_____
or Transfer: TGE (ENGL 275)		
<b>3) Aesthetics (Art, Music, Theater)</b>		
ART 103, 210, 211, 241, 261; MUSC 111, 119; THR 110, 136, 211		
Course: _____ ( )	_____	_____
Course: _____ ( )	_____	_____
or Transfer: TGE (ART 175, MUSC 175, THR 175, HUM 175)		
<b>4) Philosophy</b> PHIL 100, 101, 200		
Course: _____ (3)	_____	_____
Course: _____ (3)	_____	_____
or Transfer: TGE (PHIL 175)		

**Technology Literacy (3)**  
 CMPS 110, CMPS 111, ART 104, or take a challenge exam.  
 Course: \_\_\_\_\_ (3) \_\_\_\_\_  
 or Transfer: TGE (CMPS 175)

\* Includes 35 hours of the NM Common Core  
 plus 6 additional WNMU hours

\*\* The total credits from Area IV and Area V  
 must be 18 hours.

Note: TGE = Transferred General Education courses  
 listed by HED or other transfer agreements,  
 but with no WNMU equivalent

**OR BA Requirement (3 credits minimum)**  
 Complete any upper division Spanish course, or one of the  
 following: SPAN 202, BLED 431 or CLEP for four semesters  
 of Spanish.  
 Course: \_\_\_\_\_ (3) \_\_\_\_\_  
 Course: \_\_\_\_\_ (3) \_\_\_\_\_

## Degree Plan - Chemistry Major

### SUPPORTING COURSEWORK (24 credit hours)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
<b>Select one of the following groups of lab science courses. May fulfill General Education Lab Science requirement.</b>					
PHYS 151/153 and 152/154 General Physics I & II			Course: _____	(4) _____	_____
<b>or</b> PHYS 171/173 and 172/174 Principles of Physics I & II			Course: _____	(4) _____	_____

MATH 131 College Algebra*	(4) _____	_____	MATH 171 Calculus I	(5) _____	_____
MATH 132 Trigonometry*	(3) _____	_____	MATH 172 Calculus II	(4) _____	_____

\* One course may count as General Education Mathematics.

### CHEMISTRY CORE REQUIREMENTS (43 credit hours incl. labs)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
CHEM 151/153 Gen Chem I*	(4) _____	_____	CHEM 351/353 Organic Chem I	(5) _____	_____
CHEM 152/154 Gen Chem II*	(4) _____	_____	CHEM 352/354 Organic Chm II	(5) _____	_____
CHEM 201/202 Analytcl Chem	(4) _____	_____	CHEM 401/403 Physcl Chem I	(4) _____	_____
CHEM 301 Instrum Analysis	(4) _____	_____	CHEM 402/404 Physcl Chem II	(4) _____	_____
CHEM 308 Inorganic Chemistry	(3) _____	_____	CHEM 460 Biochemistry I	(3) _____	_____
*May count as General Education Lab Science.			CHEM 490 Research Proj.	(3) _____	_____

### MINOR DEGREE COURSES

(18-24 hours outside the Chemistry discipline)

Minor: \_\_\_\_\_ Number of Credits: \_\_\_\_\_  
(attach degree plan worksheet for your minor, with course details)

### ADDITIONAL COURSES (to fulfill the 120 hour requirement)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
Course: _____	( ) _____	_____	Course: _____	( ) _____	_____
Course: _____	( ) _____	_____	Course: _____	( ) _____	_____
Course: _____	( ) _____	_____	Course: _____	( ) _____	_____
Course: _____	( ) _____	_____	Course: _____	( ) _____	_____
Course: _____	( ) _____	_____	Course: _____	( ) _____	_____

Service Learning 3 credits: \_\_\_\_\_ Sem/Year: \_\_\_\_\_ Grade: \_\_\_\_\_

Upper Division Hours (42 minimum): \_\_\_\_\_ Writing Intensive Hours (9 minimum): \_\_\_\_\_

Total Hours (120 minimum required): \_\_\_\_\_ Copy to Registrar: \_\_\_\_\_ date: \_\_\_\_\_

Original completed on (date): \_\_\_\_\_ Grad. Audit sent: \_\_\_\_\_ date: \_\_\_\_\_

Updated: \_\_\_\_\_

Student Signature: \_\_\_\_\_ date: \_\_\_\_\_

Advisor Signature: \_\_\_\_\_ date: \_\_\_\_\_