

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: 2016-17 Expected Completion: _____ Advisor: _____

GENERAL EDUCATION REQUIREMENTS (41)*

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
Area I - Oral Communications (3)		
Pick one of the following: COMM 110, THR 250		
Course: _____ (3)	_____	_____
or Transfer: TGE (COMM 175)		
Area I - Written Communications (6)		
ENGL 101 Comp & Rhetoric I (3)	_____	_____
ENGL 102 Comp & Rhetoric II (3)	_____	_____
or Transfer: TGE (ENGL 175) for ENGL 102 only		
Area II - Mathematics (3)		
MATH 105, 106, 121, 131, 132 or 171		
Course: _____ ()	_____	_____
or Transfer: TGE (MATH 175)		
Area III - Laboratory Science (8)		
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 & MATH 321
 CMPS 260 Comp Applications (3) _____
 MATH 321 Statistics (3) _____
 Course: _____ () _____

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
Area V - Humanities and Fine Arts (9-12) **		
Pick 3-4 courses from at least 3 separate categories below:		
1) History HIST 111, 112, 201, 202		
Course: _____ (3)	_____	_____
Course: _____ (3)	_____	_____
or Transfer: TGE (HIST 175)		
2) Literature ENGL 150, 200, 205, 225, 293		
ENGL 294, 296, 297; LALS 243		
Course: _____ (3)	_____	_____
Course: _____ (3)	_____	_____
or Transfer: TGE (ENGL 275)		
3) Aesthetics (Art, Music, Theater)		
ART 211, 241, 261; MUSC 111, 119; THR 110, 136, 211		
Course: _____ ()	_____	_____
Course: _____ ()	_____	_____
or Transfer: TGE (ART 175, MUSC 175, THR 175, HUM 175)		
4) Philosophy PHIL 100, 101, 200		
Course: _____ (3)	_____	_____
Course: _____ (3)	_____	_____
or Transfer: TGE (PHIL 175)		

Technology Literacy (3)
 CMPS 110, CMPS 111, IDEA 110, 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)

Completion of one of the following: SPAN 202, SPAN 252,
 SPAN 214 or any upper level Spanish course.
 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>
Select one of the following groups of lab science courses. May fulfill General Education Lab Science requirement.					
PHYS 151/153 and 152/154 General Physics I & II			Course: _____	(4) _____	_____
or 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 460 Biochemistry I	(3) _____	_____
CHEM 301 Instrum Analysis	(4) _____	_____	CHEM 401/403 Physcl Chem I	(4) _____	_____
CHEM 308 Inorganic Chemistry	(3) _____	_____	CHEM 402/404 Physcl Chem II	(4) _____	_____
*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 (12 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: _____