

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: 2017-18 Expected Completion: _____ Advisor: _____

GENERAL EDUCATION REQUIREMENTS (41)*

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, 107, 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 Computer Applications (3) _____
 MATH 321 Statistics (3) _____
 Course: _____ () _____

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, 265
 ENGL 293, 296; 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, 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>
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 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 (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: _____