

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: 2015-16 Expected Completion _____ Advisor: _____

GENERAL EDUCATION REQUIREMENTS (41)*

Course(Credits) Sem/Year Grade

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: _____ () _____

Course(Credits) Sem/Year Grade

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 200, 201, 205, 225, 240

ENGL 293, 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 (23 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*	(3) _____	_____	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 (44 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 Analytical Chem	(5) _____	_____	CHEM 460 Biochemistry	(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 128 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 (54 minimum): _____ Writing Intensive Hours (12 minimum): _____
(6 hours must be outside of major and minor disciplines)

Total Hours (128 minimum required): _____ Copy to Registrar: _____ date: _____

Original completed on (date): _____ Grad. Audit sent: _____ date: _____

Updated: _____ date: _____

Student Signature: _____ date: _____

Advisor Signature: _____ date: _____