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: 2012-13 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, 105, 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, 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)

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, 265, 293, 294, 296, 297

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

BS Requirement (6)

CMPS 260 & MATH 321

CMPS 260 Comp Applications (3) _____ _____

MATH 321 Statistics (3) _____ _____

Course: _____ ( ) _____ _____

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)

Course(Credits)	Sem/Year	Grade	Course(Credits)	Sem/Year	Grade
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 (41 credit hours incl. labs)

Course(Credits)	Sem/Year	Grade	Course(Credits)	Sem/Year	Grade
CHEM 151/153 Gen Chem I* (4)			CHEM 351/353 Organic Chem I (4)		
CHEM 152/154 Gen Chem II* (4)			CHEM 352/354 Organic Chm II (4)		
CHEM 201/202 Analytcl Chem (4)			CHEM 360 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)

Course(Credits)	Sem/Year	Grade	Course(Credits)	Sem/Year	Grade
Course: _____ ( )			Course: _____ ( )		
Course: _____ ( )			Course: _____ ( )		
Course: _____ ( )			Course: _____ ( )		
Course: _____ ( )			Course: _____ ( )		
Course: _____ ( )			Course: _____ ( )		

Student Success Seminar: ACAD 101 (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 on** (date)**:** _____

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

Updated on (date)**:** _____ _____

_____ _____

Student Signature: _____ date: _____

Advisor Signature: _____ date: _____