

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

Student Name: _____ ID #: _____ Tel #: _____ Degree Type
 Address: _____ Email: _____ BS BA
 Catalog Authority: 2007-08 Expected Completion: _____ Advisor: _____

GENERAL EDUCATION REQUIREMENTS (41)*

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
Area I - Oral Communications (3)			Area V - Humanities and Fine Arts (9-12) **		
Pick one of the following: COMM 110, THR 250			Pick 3-4 courses from at least 3 separate categories below:		
Course: _____ (3) _____			1) History HIST 111, 112, 201, 202		
or Transfer: TGE (COMM 175)			Course: _____ (3) _____		
			Course: _____ (3) _____		
			or Transfer: TGE (HIST 175)		
Area I - Written Communications (6)			2) Literature		
ENGL 101 Comp & Rhetoric I (3) _____			ENGL 200, 201, 205, 225, 240, 265, 293, 294, 296, 297		
ENGL 102 Comp & Rhetoric II (3) _____			Course: _____ (3) _____		
or Transfer: TGE (ENGL 175) for ENGL 102 only			Course: _____ (3) _____		
			or Transfer: TGE (ENGL 275)		
Area II - Mathematics (3 cr minimum) (see page 2)			3) Aesthetics (Art, Music, Theater)		
Pick one MATH course numbered 131 - 299			ART 101, 102, 103, 107, 205, 210, 211, 230, 241		
or two MATH courses numbered below 131			MUSC 111, 119 THR 110, 136, 211		
Course: _____ () _____			Course: _____ () _____		
Course: _____ () _____			Course: _____ () _____		
or Transfer: TGE (MATH 175)			or Transfer: TGE (ART 275, MUSC 275, THR 275, HUM 275)		
Area III - Laboratory Science (8) (see page 2)			4) Philosophy PHIL 100, 101, 200		
Pick two courses (plus labs) from the following:			Course: _____ (3) _____		
BIOL 101, 102, 202, 204		CHEM 121, 151, 152	Course: _____ (3) _____		
GEOL 101, 102, 201		PHSC 101, 102, 115, 171	or Transfer: TGE (PHIL 175)		
PHYS 151, 152, 171, 172					
Course: _____ (4) _____			<hr/> <hr/>		
Course: _____ (4) _____			Computer Literacy (3)		
or TGE (BIOL 175, CHEM 175, GEOL 175, PHSC 175, PHYS 175)			Pick either CMPS 110 or 111, or take a challenge exam.		
			Course: _____ (3) _____		
			or Transfer: TGE (CMPS 175)		
Area IV - Social and Behavioral Sciences (6-9) **			<hr/> <hr/>		
Pick 2-3 courses from different groups of the following:			* Includes 35 hours of the NM Common Core plus 6 additional WNMU hours		
1) ANTH 201, 202; GEOG 201, 202, 205		2) ECON 201, 202	** The total credits from Area IV and Area V must be 18 hours.		
3) POLS 201, 202		4) PSY 102	Note: TGE = Transferred General Education courses listed by HED or other transfer agreements, but with no WNMU equivalent		
		5) SOC 101, 102			
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: _____ () _____

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 (40 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 352/354 Organic Chm II	(5)	_____
CHEM 152/154 Gen Chem II*	(4)	_____	CHEM 360 Biochemistry	(3)	_____
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 351/353 Organic Chem I	(5)	_____	CHEM 490 Research Proj.	(3)	_____

*May count as General Education Lab Science.

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: _____	()	_____

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: _____