

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: 2006-07 Expected Completion: _____ Advisor: _____

GENERAL EDUCATION & STUDENT SUCCESS REQUIREMENTS (46-49)

| <u>Course(Credits)</u> | <u>Sem/Year</u> | <u>Grade</u> | <u>Course(Credits)</u> | <u>Sem/Year</u> | <u>Grade</u> |
|---|--------------------|---------------|---|-----------------|--------------|
| Oral Communications (3) | | | Fine Arts (6) | | |
| Pick one of the following: COMM 110, THR 211, THR 250 | | | Pick one of the following: ART 211, MUSC 111, THR 110 | | |
| Course: _____ (3) _____ | | | Course: _____ (3) _____ | | |
| Written Communications (6) | | | Pick at least 3 hours from any of the following: | | |
| ENGL 101 Comp & Rhetoric I (3) _____ | | | ART 101, 102, 103, 107, 114, 205, 210,221,230,241,251,261 | | |
| ENGL 102 Comp & Rhetoric II (3) _____ | | | MUSC 100, 101, 119, 151 | | |
| | | | THR 136, 211, 215, 250 | | |
| | | | Course: _____ () _____ | | |
| Mathematics (3 or 6) | | | History (3) | | |
| Pick one MATH course numbered 131 - 299 | | | Pick one course from the following: | | |
| or two MATH courses numbered below 131 | | | HIST 111, 112, 201, 202 | | |
| (MATH 321 Statistics is required for the BS degree - see below) | | | Course: _____ (3) _____ | | |
| Course: _____ () _____ | | | | | |
| Course: _____ () _____ | | | | | |
| Laboratory Science (8) | | | Computer Area (3) | | |
| PHYS 151&152 or PHYS 171&172 are required for this major | | | CMPS 111 or take a challenge exam. | | |
| { PHYS 151 General Phys I (4) _____ | | | Course: _____ (3) _____ | | |
| { PHYS 152 General Phys II (4) _____ | | | | | |
| { PHYS 171 Princ of Phys I (4) _____ | | | Physical and Mental Well-Being Area (2) | | |
| { PHYS 172 Princ of Phys II (4) _____ | | | Lifetime Wellness Activity - Pick one of the following: | | |
| | | | MVSC 103, 105, 109, 127, 157 | | |
| | | | Course: _____ (1) _____ | | |
| Social and Behavioral Sciences (6) | | | Activity Course - Select one additional activity course | | |
| Pick two courses from separate disciplines from the following: | | | numbered MVSC 103 - 157 | | |
| ANTH 201, 202 | ECON 200, 201, 202 | GEOG 202, 205 | Course: _____ (1) _____ | | |
| POLS 201 | PSY 102 | SOC 101, 102 | Other service: _____ | | |
| Course: _____ (3) _____ | | | (military, sports, police academy) | | |
| Course: _____ (3) _____ | | | | | |
| Humanities (3) | | | Student Success Seminar | | |
| Pick one of the following: ENGL 200, 201, 205, 225, 240, | | | ACAD 101 Student Success (3) _____ | | |
| ENGL 265, 293, 294, 296, 297 | | | | | |
| Course: _____ (3) _____ | | | | | |

BS Requirement (6)

CMPS 260 & MATH 321

CMPS 260 Comp Applications (3) _____

MATH 321 Statistics (3) _____

Course: _____ () _____

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

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) | _____ | _____ |

Math Requirements

| <u>Course(Credits)</u> | <u>Sem/Year</u> | <u>Grade</u> | <u>Course(Credits)</u> | <u>Sem/Year</u> | <u>Grade</u> |
|------------------------------|-----------------|--------------|--------------------------|-----------------|--------------|
| MATH 131 College Algebra (3) | _____ | _____ | MATH 171 Calculus I (5) | _____ | _____ |
| MATH 132 Trigonometry (3) | _____ | _____ | MATH 172 Calculus II (4) | _____ | _____ |

Note: 1 course may count as Gen'l Ed. Mathematics

MINOR DEGREE COURSES (18-24 hours outside the Chemistry discipline)

Minor Degree Area: _____

| <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: _____ () | _____ | _____ |

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: _____ () | _____ | _____ |

Total Upper Division Hours (54 minimum required): _____

(6 hours must be outside of major and minor disciplines)

Total Writing Intensive Course Hours (minimum of 12 required): _____

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:** _____