

WESTERN NEW MEXICO UNIVERSITY
Degree Plan - General Science Major (1901)
Department of Natural Sciences

Student Name: _____ ID _____ Tel #: _____ Degree Type _____
 Address: _____ Email: _____ ☐ BS
 (complete - incl street, city, state, zip) _____ ☐ BA
 Catalog Authority: 2019-20 Expected Completion: _____ Advisor: _____

Deadline for Application for Graduation: June 1st for Fall; September 1st for Spring; February 1st for Summer.

GENERAL EDUCATION REQUIREMENTS (31)

Applied Liberal Arts and Sciences (9)

| | Sem/Year | Grade |
|--|----------|-------|
| ALAS 1810 Applied Liberal Arts & Sciences - Humanities | (3) | _____ |
| ALAS 1820 Applied Liberal Arts & Sciences - Social/ Behav Sciences | (3) | _____ |
| ALAS 1830 Applied Liberal Arts & Sciences - STEM | (3) | _____ |

| <u>Course(Credits)</u> | <u>Sem/Year</u> | <u>Grade</u> |
|---------------------------------------|-----------------|--------------|
| Area I - Communications (6) | | |
| ENGL 1120 Composition II ¹ | | |
| COMM 1130 Public Speaking | | |
| COMM 1140 Intro to Media Writing | | |
| COMM 2140 Small Group Communication | | |
| Course: _____ (3) _____ | | |
| Course: _____ (3) _____ | | |

| <u>Course(Credits)</u> | <u>Sem/Year</u> | <u>Grade</u> |
|--|-----------------|--------------|
| Area II - Mathematics (3-5) | | |
| ² BCIS 1110 is Pre-requisite/Co-req | | |
| MATH 1010 Mathematics for School Teachers | | |
| MATH 1130 Survey of Mathematics ² | | |
| MATH 1220 College Algebra ² | | |
| MATH 1350 Intro to Statistics ² | | |
| MATH 1510 Calculus I ² | | |
| Course: _____ () _____ | | |

Area III - Science (4)

Pick **one** course (plus lab) from the following:

BIOL 1110/1110L General Biology & Lab

BIOL 1140/1140L5 Biology for Health Sciences & Lab

BIOL 2110/2110L Principles of Biology: Cell/Molecular & Lab

BIOL 2210/2210L Human Anatomy & Physiology I & Lab

BIOL 2642/2642L Plant Form, Function and Diversity & Lab

BIOL 2644/2644L Animal Form, Function and Diversity & Lab

CHEM 1120/1120L Intro to Chemistry & Lab

CHEM 1215/1215L General Chemistry I for STEM Majors & Lab

GEOL 1110/1110L Physical Geology & Lab

GEOL 1120/1120L Environmental Geology & Lab

GEOL 2110/2110L Historical Geology & Lab

PHSC 1120/1120L Forensic Science I & Lab

Course: _____ (4) _____

BS Requirement (6)

MATH 1350 Intro to Statistics, plus one CMPS course beyond Gen'l. Ed **or** GISS/GEOG 361/363 Intro to GIS

MATH 1350 Intro to Statistics (3) _____

Course: _____ () _____

| <u>Course(Credits)</u> | <u>Sem/Year</u> | <u>Grade</u> |
|---|-----------------|--------------|
| Area IV - Social and Behavioral Sciences (3) | | |
| ANTH 1140 Intro to Cultural Anthropology | | |
| ECON 1110 Survey of Economics | | |
| ECON 2110 Macroeconomic Principles | | |
| ECON 2120 Microeconomic Principles | | |
| GEOG 1120 World Regional Geography | | |
| GEOG 1130 Human Geography | | |
| POLS 1110 Intro to Political Science | | |
| POLS 1120 American National Government | | |
| PSYC 1110 Intro to Psychology | | |
| SOCI 1110 Intro to Sociology | | |
| SOCI 2310 Contemporary Social Problems | | |
| Course: _____ (3) _____ | | |

Area V - Humanities (3)

ENGL 1410 Intro to Literature

ENGL 2310 Intro to Creative Writing

HIST 1110 United States History I

HIST 1120 United States History II

HIST 1150 Western Civilization I

HIST 1160 Western Civilization II

PHIL 1115 Intro to Philosophy

Course: _____ (3) _____

Area VI - Creative & Fine Arts (3-4)

ARTS 1250 Design II

ARTS 1410 Intro to Photography

ARTS 1610 Drawing I

ARTS 1630 Painting I

ARTS 2321 Appreciation of Clay

ARTS 2841 Appreciation of Sculpture

MUSC 1130 Music Appreciation

Course: _____ () _____

OR

BA Requirement (minimum of 3)

Complete any upper division Spanish course, or one of the following: SPAN 2120, BLED 431 or CLEP for four semesters of Spanish.

Course: _____ (3) _____

Course: _____ (3) _____

Degree Plan - General Science Major

GENERAL SCIENCE CORE REQUIREMENTS (24 credit hours, including 8 for Gen'l Ed.)

| <u>Course(Credits)</u> | <u>Sem/Year</u> | <u>Grade</u> | <u>Course(Credits)</u> | <u>Sem/Year</u> | <u>Grade</u> |
|---|--------------------------------|--------------|--|-----------------|--------------|
| Select two of the following Biology courses: | | | Select two of the following Physical Science courses: | | |
| BIOL 2642/2642L Plant FFD | BIOL 2110/2110L Princ of Biol: | | CHEM 1215/1215L Gen'l Chemistry I for STEM Mjrs | | |
| BIOL 2644/2644L Animal FFD | Cell/Molecular Biol | | CHEM 1225/1225L Gen Chemistry II for STEM Mjrs* | | |
| Course: _____ | (4) _____ | _____ | PHYS 1230/1230L Algebra-based Physics I | | |
| Course: _____ | (4) _____ | _____ | or PHYS 1310/1310L Calculus-based Physics I | | |
| GEOL 1110/1110L Physical Geol | (4) _____ | _____ | PHYS 1240/1240L Algebra-based Physics II | | |
| GEOL 2110/2110L Historical Geol | (4) _____ | _____ | or PHYS 1320/1320L Calculus-based Physics II | | |
| | | | Course: _____ | (4) _____ | _____ |
| | | | Course: _____ | (4) _____ | _____ |

UPPER DIVISION GENERAL SCIENCE GUIDED ELECTIVES (36 credit hours)

Select 12 upper division credits from two different science areas, 8 upper division credits from a third area, plus one additional upper division course (4 credits) from any of the science areas: Biology, Chemistry, Geology

| | |
|-------------------------|---|
| Area 1: | Area 2: |
| Course: _____ (4) _____ | Course: _____ (4) _____ |
| Course: _____ (4) _____ | Course: _____ (4) _____ |
| Course: _____ (4) _____ | Course: _____ (4) _____ |
| Area 3: | |
| Course: _____ (4) _____ | Additional course from any science area: |
| Course: _____ (4) _____ | Course: _____ (4) _____ |

MINOR DEGREE COURSES

(18-24 hours outside the Department of Natural Sciences)

| | |
|--|--------------------------|
| 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 (9 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:** _____