

WESTERN NEW MEXICO UNIVERSITY
Degree Plan - Cell & Molecular Biology Major (0406)
Department of Natural Sciences

Student Name: _____ ID #: _____ Tel #: _____ Degree Type
 Address: _____ Email: _____ BS BA
 Catalog Authority: 2009-10 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) (see page 2)

Pick two courses (plus labs) from the following:

BIOL 101, 102, 202, 204, 206, CHEM 121, 151, 152

BIOL 254, 255 PHSC 101, 102, 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; GEOG 201, 202, 205 2) CJUS 111

3) ECON 201, 202 4) POLS 201, 202 5) PSY 102 6) 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)

MATH 321 plus one CMPS course beyond Gen'l. Ed

MATH 321 Statistics (3) _____

Course: _____ (3) _____

OR

BA Requirement (minimum of 3)

Completion of one of the following: SPAN 202, SPAN 252, SPAN 214 or any upper level Spanish course.

Course: _____ (3) _____

Course: _____ (3) _____

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, 265, 293, 294, 296, 297

Course: _____ (3) _____

Course: _____ (3) _____

or Transfer: TGE (ENGL 275)

3) Aesthetics (Art, Music, Theater)

ART 211, 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)

Computer Literacy (3)

Pick either CMPS 110 or 111, 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

Degree Plan - Cell & Molecular Biology Major

SUPPORTING COURSEWORK (8 credit hours)

<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 Chemistry I (4)	_____	_____	CHEM 152/154 Gen Chemistry II (4)	_____	_____
Chemistry 151 and 152 are required unless incl in minor			May count as General Education Lab Science.		

LIFE SCIENCE CORE REQUIREMENTS (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>
BIOL 202/203 Mjr I:Plant FFD* (4)	_____	_____	BIOL 301/303 Ecology (4)	_____	_____
BIOL 204/205 Mjr II:Animal FFD* (4)	_____	_____	BIOL 366/368 Genetics (4)	_____	_____
BIOL 206/207 Mjr III:Cell Biology* (4)	_____	_____	BIOL 422 Evolution (3)	_____	_____

*May count as General Education Lab Science.

CELL & MOLECULAR BIOLOGY MAJOR REQUIREMENTS (30 credit hours)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
BIOL 360/362 Cell Biology (4)	_____	_____	BIOL 476/478 Immunology (4)	_____	_____
BIOL 460 Cell Physiology (3)	_____	_____	BIOL 486 Senior Project (2)	_____	_____
BIOL 465/467 Molecu Gen Genetics (4)	_____	_____	6 credits of advisor approved Upper Division BIOL electives		
BIOL 471/473 Mjrs Microbiology (4)	_____	_____	Course: _____ ()	_____	_____
BIOL 474 Virology (3)	_____	_____	Course: _____ ()	_____	_____
			Course: _____ ()	_____	_____

MINOR DEGREE COURSES

(Botany or Zoology or a minor outside the Biology 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: _____