

Date: _____	Major: Biology
Name: _____	Emphasis: Cell, Molecular Biology, and Biotechnology
ID#: _____	Minor: (required)
	Degree: Bachelor of Science

BACHELOR'S DEGREE REQUIREMENTS (7 Hrs)	Course	Credits	Semester	Grade
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UNIV 101 Freshman Seminar	UNIV 101	3	_____	_____
IS 151 or successful completion of ENMU computer technology assessment	IS 151	3	_____	_____
HPE 142 Fundamentals of Physical Well-Being	HPE 142	1	_____	_____

GENERAL EDUCATION REQUIREMENTS (41 Hrs)	Course	Credits	Semester	Grade
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bold- ENMU option only

1. Communicating Effectively: 9 hours

ENG 102 or 108 (ENMU requires grade of "C" or better)	_____	3	_____	_____
ENG 104 or 109 (ENMU requires grade of "C" or better)	_____	3	_____	_____
COMM 101, 102, or 202	_____	3	_____	_____

2. Understanding and Applying Mathematical Principles: 3 hours

MATH 113, 114, 119, 120, 124 or STAT 213	_____	3 or 4	_____	_____
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3. Science with labs: 8 hours

ANTH 245/L, BIOL, CHEM, GEOL, PHYS	_____	4	_____	_____
	_____	4	_____	_____

Note: Total number of hours from categories 4 and 5 combined must be 15.

4. Social Science: 6 hours minimum, maximum of 9 hours

Note: total number of hours from categories 4 and 5 combined must be 15.
Courses must be taken from two different disciplines.

ANTH/GEOG 103, 233, 243; BUS 151; ECON 200, 221, 222	_____	3	_____	_____
FCS/ELED 221; PSCI 101, 102; PSY 101, 201, 202;	_____	3	_____	_____
SOC 101, 212, 215	_____	3	_____	_____

5. Humanities and Fine Arts: 6-9 hours

Courses must come from different disciplines and must include a minimum of 3 hours from category a and 3 hours from category b.

a. Fine Arts (3 hours minimum, maximum of 6)

ART 101, 106, 131, 165, 166, 210, 231, 271	_____	3	_____	_____
DNC 101, 210	_____	3	_____	_____
MUS 101, 113, 163, 241, music ensembles	_____	3	_____	_____
THTR 111, 113, 121	_____	3	_____	_____

b. Humanities (3 hours minimum, maximum of 6)

HIST 101, 102, 121, 122, 203	_____	3	_____	_____
ENG 201, 211, 221, 222, 251, 252, 275	_____	3	_____	_____
FR 101, 102, 201, 202; HUM 221, 222	_____	3	_____	_____
PHIL 201, 202, 211; REL 101, 103;	_____	3	_____	_____
SPAN 101, 102, 201, 202	_____	3	_____	_____

6. Advisory Options: 3 hours

HPE activity courses	_____	3	_____	_____
Any courses from Category 2 above (MATH)	_____	3	_____	_____
Any courses from Category 5 above (HUM and FINE ARTS)	_____	3	_____	_____

7. Upper-division -- Diversity/Global: 3 hours

AG 312; ANTH 310, 333, 340; ART 305; BUS 302, 310; CJ 310;	_____	3	_____	_____
COMM 310, 330, 331; ENG 319, 378, 379; FCS 310, 403; HIST 305;	_____	3	_____	_____
HPE 321, 325; MUS 375; NURS 312; PSCI 312, 330; PSY 312; SOC 302	_____	3	_____	_____

Biology Core Course Requirements: 23 Hours

BIOL 151/L General Biology I	_____	4	_____	_____
BIOL 152/L General Biology II	_____	4	_____	_____
BIOL 214/L Microbiology	_____	4	_____	_____
BIOL 222 Intro Cell Biology	_____	3	_____	_____
BIOL 231/L Genetics	_____	4	_____	_____
BIOL 303 General Ecology	_____	3	_____	_____
BIOL 492 Undergraduate Seminar	_____	1	_____	_____

Cell, Molecular Biology, and Biotechnology Emphasis Course Requirements: 19-20 Hours

BIOL 375 General Biotechnology	_____	3	_____	_____
BIOL 380 Endocrinology	_____	3	_____	_____
BIOL 409/L Microbial Physiology	_____	4	_____	_____
BIOL 425/L Molecular Biology	_____	4	_____	_____
BIOL 427/L Developmental Biology	_____	4	_____	_____

Elective Course Requirements: 8 Hours (300/400 level) BIOLOGY

_____	4	_____	_____
_____	4	_____	_____

Required courses in other areas: 12-16 Hours

CHEM 151/L Gen Chem I	_____	4	_____	_____
CHEM 152/L Gen Chem II	_____	4	_____	_____
PHYS 151/L General Physics	_____	4	_____	_____

Select one of the following:

CHEM 251/L Integrated Organics & Biochemistry OR				
CHEM 341/L Organic Chemistry I	_____	4	_____	_____

Note: The Biology faculty strongly recommends that pre-medical students also take CHEM 342/L (4), CHEM 401 (1), and CHEM 452 (3).

CHEM 342/L	_____	4	_____	_____
CHEM 401	_____	1	_____	_____
CHEM 452	_____	3	_____	_____

Minor:

						Final Check
Date:						
Hours Completed:						
Hours In Progress:						
U/D Hours Completed:						
U/D Hours In Progress:						
GPA:						

All course requirements in the major and minor must have a grade of "C" or better. All acceptable transfer work from a junior or community college will be recorded as lower division credit. Developmental hours are not eligible for degree credit.

_____	_____
<i>Student Signature</i>	<i>Advisor Signature</i>
_____	_____
<i>Dean's Office Signature</i>	<i>Official Degree Plan Filing Date</i>