

Date: _____	Major: <u>Biology (Emphasis: Microbiology)</u>
Name: _____	Minor: <u>required</u>
ID#: _____	Degree: <u>Bachelor of Arts or Bachelor of Science</u>

BACHELOR'S DEGREE REQUIREMENTS (7 Hrs)	Course	Credits	Semester	Grade
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UNIV 101 Freshman Seminar	<u>UNIV 101</u>	3	_____	_____
IS 151 or successful completion of ENMU computer technology assessment	<u>IS 151</u>	3	_____	_____
HPE 142 Fundamentals of Physical Well-Being	<u>HPE 142</u>	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 1 (ENMU requires grade of "C" or better)	_____	3	_____	_____
ENG 104 or 1 (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**

<b>ANTH 245/L</b> , 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 BUS 151; ECON 200, 221, 222	_____	3	_____	_____
<b>FCS/ELED 221</b> ; PSCI 101, 102; PSY 101, <b>201, 202</b> ;	_____	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	_____		_____	_____

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

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

**6. Advisory Options: 3 hours**

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

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

AG 312; ANTH 310, 333, 340; ART 305; BUS 302, 310; CJ 310; COMM 310, 330, 331; ENG 319, 378, 379; FCS 310, 403; HIST 305; HPE 321, 325; MUS 375; NURS 312; PSCI 312, 330; PSY 312; SOC 302	_____	3	_____	_____
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**Biology Core Course Requirements: 22 Hours**

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

**Microbiology Emphasis Course Requirements: 23 Hours**

BIOL 375 General Biotechnology	BIOL 375	3	_____	_____
BIOL 409/L Microbial Physiology	BIOL 409/L	4	_____	_____
BIOL 421/L Principles of Immunology	BIOL 421/L	4	_____	_____
BIOL 422/L Medical Microbiology	BIOL 422/L	4	_____	_____
BIOL 425/L Molecular Biology OR	BIOL 425/L			
BIOL 427/L Developmental Biology	BIOL 427/L	4	_____	_____
BIOL 450/L Virology	BIOL 450/L	4	_____	_____

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

_____	4	_____	_____
_____	4	_____	_____

**Required courses in other areas: 16 Hours**

CHEM 151/I Gen Chem I	CHEM 151/L	4	_____	_____
CHEM 152/L Gen Chem II	CHEM 152/L	4	_____	_____
PHYS 151/L General Physics	PHYS 151/L	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	CHEM 342/L	4	_____	_____
CHEM 401	CHEM 401	1	_____	_____
CHEM 452	CHEM 452	3	_____	_____

**Minor (Required):**

**Proficiency in a second language other than English: (Required for the BA option)**

- a. One year (courses 201, 202) of a language successfully studied in High School OR \_\_\_\_\_ 3 \_\_\_\_\_
- b. Two years (courses 101, 102, 201, 202) of a language begun in college OR \_\_\_\_\_ 3 \_\_\_\_\_
- c. Passing a language proficiency test at the second year level

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

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>