# GENERAL EDUCATION REQUIREMENTS (41)*

### 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)
- Pick two courses (plus labs) from the following:
  - BIOL 101, 102, 202, 204, 206
  - CHEM 121, 151, 152
  - BIOL 212, 254, 255
  - PHSC 101, 115, 171
  - GEOL 101, 102, 105, 201
  - PHYS 151, 152, 171, 172
- 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, 212/214; GEOG 201, 202, 205
  2) ECON 200, 201, 202
  3) POLS 201, 202
  4) PSY 102
  5) SOC 101, 102, BSAD 100, CJUS 111, SWK 101
- Course: (3)
- Course: (3)
- Course: (3)
- or Transfer TGE (ANTH 175, ECON 175, GEOG 175, POLS 175, PSY 175, SOC 175)

### Area V - Humanities and Fine Arts (9-12)**
- Pick 3-4 courses from at least 3 separate categories below:
  1) History
    - Course: (3)
    - or Transfer: TGE (HIST 175)
  2) Literature
    - Course: (3)
    - or Transfer: TGE (ENGL 175)
  3) Aesthetics (Art, Music, Theater)
    - Course: (3)
    - or Transfer: TGE (ART 175, MUSC 175, THR 175, HUM 175)
  4) Philosophy
    - Course: (3)
    - or Transfer: TGE (PHIL 175)

### Technology Literacy (3)
- CMPS 110, CMPS 111, ART 140, or take a challenge exam.
- Course: (3)
- or Transfer: TGE (CMPS 175)

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** BS Requirement (6) **

- MATH 321 Statistics, plus one CMPS course beyond Gen'l. Ed or BIOL/GEOG 361/363 Intro to GIS
- 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)

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* 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)

<table>
<thead>
<tr>
<th>Course (Credits)</th>
<th>Sem/Year</th>
<th>Grade</th>
<th>Course (Credits)</th>
<th>Sem/Year</th>
<th>Grade</th>
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<tbody>
<tr>
<td>CHEM 151/153 Gen Chemistry I (4)</td>
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<td>CHEM 152/154 Gen Chemistry II (4)</td>
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Chemistry 151 and 152 are required unless included in minor. May count as General Education Lab Science.

#### LIFE SCIENCE CORE REQUIREMENTS (23 credit hours)

<table>
<thead>
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<th>Course (Credits)</th>
<th>Sem/Year</th>
<th>Grade</th>
<th>Course (Credits)</th>
<th>Sem/Year</th>
<th>Grade</th>
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<tbody>
<tr>
<td>BIOL 202/203 Mjr I: Plant FFD* (4)</td>
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<td>BIOL 301/303 Ecology (4)</td>
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<td>BIOL 204/205 Mjr II: Animal FFD* (4)</td>
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<td>BIOL 366/368 Genetics (4)</td>
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<tr>
<td>BIOL 206/207 Mjr III: Cell Biology* (4)</td>
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<td>BIOL 422 Evolution (3)</td>
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*May count as General Education Lab Science.

#### CELL & MOLECULAR BIOLOGY MAJOR REQUIREMENTS (30 credit hours)

<table>
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<tr>
<th>Course (Credits)</th>
<th>Sem/Year</th>
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<tr>
<td>BIOL 360/362 Cell Biology (4)</td>
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<td>BIOL 476/478 Immunology (4)</td>
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<td>BIOL 460 Cell Physiology (3)</td>
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<td>BIOL 486 Senior Project (2)</td>
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<td>BIOL 465/467 Molecular Genetics (4)</td>
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<td>6 credits of advisor approved Upper Division BIOL electives</td>
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<tr>
<td>BIOL 471/473 Mjrs Microbiology (4)</td>
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<td>Course: ( )</td>
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<td>BIOL 474 Virology (3)</td>
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<td>Course: ( )</td>
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#### MINOR DEGREE COURSES

(Botany or Zoology or a minor outside the Biology discipline)

<table>
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<tr>
<th>Minor:</th>
<th>Number of Credits:</th>
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(attach degree plan worksheet for your minor, with course details)

#### ADDITIONAL COURSES (to fulfill the 128 hour requirement)

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<th>Course (Credits)</th>
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#### Student Success Seminar:

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<th>Course: ACAD 101 (3 credits)</th>
<th>Sem/Year:</th>
<th>Grade:</th>
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#### Service Learning 3 credits:

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<th>Course:</th>
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<th>Grade:</th>
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#### Upper Division Hours (54 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: