**WESTERN NEW MEXICO UNIVERSITY**

Degree Plan - Botany Major (0402)
Department of Natural Sciences

<table>
<thead>
<tr>
<th>Course (Credits)</th>
<th>Sem/Year</th>
<th>Grade</th>
</tr>
</thead>
</table>

**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: __________________________ (3) ____________
- 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, CJUS 111, SWK 101
- 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) ____________

**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) ____________

---

**GENERAL EDUCATION REQUIREMENTS (41)**

**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) ____________
     - or Transfer: TGE (HIST 175)
  2) **Literature**
     - ENGL 200, 201, 205, 225, 240, 265, 293, 294, 296, 297
     - Course: __________________________ (3) ____________
     - or Transfer: TGE (ENGL 275)
  3) **Aesthetics (Art, Music, Theater)**
     - ART 211, 241, 261, MUSC 111, 119, THR 110, 136, 211
     - Course: __________________________ (3) ____________
     - or Transfer: TGE (ART 175, MUSC 175, THR 175, HUM 175)
  4) **Philosophy**
     - PHIL 100, 101, 200
     - Course: __________________________ (3) ____________
     - or Transfer: TGE (PHIL 175)

**Technology Literacy (3)**
- CMPS 110, CMPS 111, IDE 110, 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 - Botany 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>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 151/153 Gen Chemistry I (4)</td>
<td></td>
<td></td>
<td>CHEM 152/154 Gen Chemistry I (4)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

*May count as General Education Lab Science.

#### BOTANY MAJOR REQUIREMENTS (30 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>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 331/333 Biol Algae/Fungi (4)</td>
<td></td>
<td></td>
<td>BIOL 410/412 Plant Physiology (4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 332/334 Evol/Divrs Plants (4)</td>
<td></td>
<td></td>
<td>BIOL 471/473 Mjrs Microbiol (4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 351/353 Plant Taxonomy (4)</td>
<td></td>
<td></td>
<td>BIOL 486 Senior Project (2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 322/324 Dendrology</td>
<td></td>
<td></td>
<td>4 credits of advisor approved Upper Division BIOL electives</td>
<td></td>
<td></td>
</tr>
<tr>
<td>or BIOL 425/427 Range Vegetatn (4)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### MINOR DEGREE COURSES

(Cell/Molecular Biology or Zoology or a minor outside the Biology discipline)

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

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

<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>
</tr>
</thead>
<tbody>
<tr>
<td>Course:</td>
<td></td>
<td></td>
<td>Course:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course:</td>
<td></td>
<td></td>
<td>Course:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course:</td>
<td></td>
<td></td>
<td>Course:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course:</td>
<td></td>
<td></td>
<td>Course:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Student Success Seminar:

ACAD 101 (3 credits) Sem/Year: Grade: |

#### Upper Division Hours (54 minimum):

(6 hours must be outside of major and minor disciplines)

<table>
<thead>
<tr>
<th>Total Hours (128 minimum required):</th>
<th>Copy to Registrar on (date):</th>
</tr>
</thead>
</table>

#### Original completed on (date):

| Grad. Audit sent on (date): |
|-----------------------------|-----------------------------|

#### Updated on (date):

| Student Signature: date: |
|--------------------------|--------------------------|

#### Advisor Signature: date: |

---

2012-13 Catalog Page 2 of 2 revised 06/12