## 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 (or MATH 175 TGE)
- Course: ____________ ( ) ____________
- **This requirement is fulfilled by the major core requirements**

### 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) ____________
- 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, 103, 105, 106, 107, 108
- Course: ____________ (3) ____________
- Course: ____________ (3) ____________
- Course: ____________ (3) ____________
- or Transfer TGE (ANTH 175, ECON 175, GEOG 175, POLS 175, PSY 175, SOC 175)

### BS Requirement
- MATH, CMPS (any 2 courses beyond Gen. Ed)
- **This requirement is fulfilled by the major core requirements**

### Area V - Humanities and Fine Arts (9-12) **
- Pick 3-4 courses from at least 3 separate categories below:
  1) History
     - 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, 241, 261; 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)

### 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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* 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

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OR

### BA Requirement (3 credits minimum)
- Completion of one of the following: SPAN 202, SPAN 252, SPAN 214 or any upper level Spanish course.
- Course: ____________ (3) ____________
- Course: ____________ (3) ____________

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* Catalog Authority: 2014-15 Expected Completion: ________________________ Advisor: ________________________

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Degree Plan - Mathematics Major

SUPPORTING COURSEWORK (11 credit hours)

Select one of the following groups of lab science courses (may count as Gen’l Ed Lab Science), plus CMPS 170.

- CHEM 151/153 and 152/154 General Chemistry I & II
- or PHYS 151/153 and 152/154 General Physics I & II
- or PHYS 171/173 and 172/174 Principles of Physics I & II

CMPS 170 Prog Fundamentals (3)

Majors take the Mathematics Core Requirements plus one of the three concentrations.

MATHEMATICS CORE REQUIREMENTS (22-28 credits)

<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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</thead>
<tbody>
<tr>
<td>MATH 131 College Algebra* (3)</td>
<td>( )</td>
<td>( )</td>
<td>MATH 210 Fndtns Math Thkg (3)</td>
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<tr>
<td>MATH 132 Trigonometry* (3)</td>
<td>( )</td>
<td>( )</td>
<td>MATH 271 Calculus III (4)</td>
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<tr>
<td>MATH 171 Calculus I (5)</td>
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<td>( )</td>
<td>MATH 321 Statistics (3)</td>
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<tr>
<td>MATH 172 Calculus II (4)</td>
<td>( )</td>
<td>( )</td>
<td>MATH 496 Sr Project &amp; Sem. (3)</td>
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</table>

* may be waived for students with the proper background

Majors take 6 more credit hours of upper division MATH courses

OR 3. Mathematics Education (Secondary) (15 credit hours)

<table>
<thead>
<tr>
<th>Course (Credits)</th>
<th>Sem/Year</th>
<th>Grade</th>
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<th>Sem/Year</th>
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<tbody>
<tr>
<td>MATH 304 Math for Sec Teach (3)</td>
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<td>MATH 312 Comp Linear Alg (3)</td>
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<td>MATH 327 Survey of Geometry (3)</td>
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<td>MATH 323 Differential Eqtns (3)</td>
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<td>MATH 421 Adv Apld Statistics (3)</td>
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<tr>
<td>MATH 471 Prob &amp; Statistics I (3)</td>
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<td>MATH 410 Abstract Math (3)</td>
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<tr>
<td>MATH 472 Prob &amp; Statistics II (3)</td>
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<td>or MATH 417 Numerical Anal. (3)</td>
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<tr>
<td>or MATH 431 Math Modeling (3)</td>
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</table>

Select 6 more credit hours of upper division MATH courses

MINOR DEGREE COURSES (18-24 hours outside the Mathematics discipline)

Minor: Number of Credits:

(attach degree plan worksheet for your minor, with course details)

ADDITIONAL COURSES (to fulfill the 128 hour requirement)

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem/Year</th>
<th>Grade</th>
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Student Success Seminar: ACAD 101 (3 credits) Sem/Year: ( ) Grade: ( )

Upper Division Hours (54 minimum): ( )

Writing Intensive Hours (12 minimum): ( )

Total Hours (128 minimum required): ( )

Copy to Registrar on (date): ( )

Original completed on (date): ( )

Grad. Audit sent on (date): ( )

Updated on (date): ( )

Student Signature: ( )

Advisor Signature: ( )

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