## 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: (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
GEOL 101, 102, 201 PHSC 101, 102, 115, 171
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; GEOG 201, 202, 205 2) ECON 201, 202
3) POLS 201, 202 4) PSY 102 5) SOC 101, 102
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**
   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, 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)

### Computer Literacy (3)
Pick either CMPS 110 or 111, 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

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**BS Requirement**

MATH, CMPS (any 2 courses beyond Gen. Ed)

This requirement is fulfilled by the major core requirements

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**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)
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>
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<th>Grade</th>
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<tbody>
<tr>
<td>MATH 131 College Algebra* (3)</td>
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<td>MATH 210 Fndtns Math Thkg (3)</td>
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<td>MATH 132 Trigonometry* (3)</td>
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<td>MATH 271 Calculus III (4)</td>
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<td>MATH 171 Calculus I (5)</td>
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<td>MATH 321 Statistics (3)</td>
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<td>MATH 172 Calculus II (4)</td>
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<td>MATH 496 Sr Project &amp; Sem. (3)</td>
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* may be waived for students with the proper background

1. Statistics/Actuarial Science (15 credits) OR 2. Applied Mathematics (15 credits)

<table>
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<tr>
<th>Course (Credits)</th>
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<tbody>
<tr>
<td>MATH 312 Comp Linear Alg (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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<td>MATH 471 Prob &amp; Statistics I (3)</td>
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<td>MATH 410 Abstract Math (3)</td>
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<td>MATH 472 Prob &amp; Statistics II (3)</td>
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<td>MATH 417 Numerical Anal. (3)</td>
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<tr>
<td>or MATH 410 Abstract Math (3)</td>
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<td>MATH 417 Numerical Anal. (3)</td>
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OR 3. Mathematics Education (Secondary) (15 credit hours)

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<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>Select 6 more credit hours of upper division MATH courses</td>
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<tr>
<td>MATH 327 Survey of Geometry (3)</td>
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<td>MATH 312 Comp Linear Alg (3)</td>
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<tr>
<td>or MATH 410 Abstract Math (3)</td>
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MINOR DEGREE COURSES (18-24 hours outside the Mathematics discipline)

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

Number of Credits:

ADDITIONAL COURSES (to fulfill the 128 hour requirement)

| Course: | | | Course: | | |
|---------| | | Course: | | |
| Course: | | | Course: | | |
| Course: | | | Course: | | |

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)

Copy to Registrar on (date):

Writing Intensive Hours (12 minimum):

Grad. Audit sent on (date):

Updated on (date):

Student Signature: date:

Advisor Signature: date:

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