# 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 II - Mathematics (3)**
MATH 105, 106, 121, 131, 132 or 171
Course: ( )  
This requirement is fulfilled by the major core requirements or Transfer: TGE (MATH 175)

**Area III - Laboratory Science (8)**
Pick two courses (plus labs) from the following:
- BIOL 101, 102, 202, 204, 206, 212, 254, 255, 202, 250, 202, 255, 101, 115, 171
- GEOL 101, 102, 105, 201, 151, 152, 151, 152, 171, 172
Course: (4)  
Course: (4)  
or TGE (BIOL 175, CHEM 175, GEOL 175, PHSC 175, PHYS 175 CMPS 110, CMPS 111, IDEA 110, or take a challenge exam.
Course: (3)  
or Transfer: TGE (CMPS 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 201, 202  
3) POLS 201, 202  
4) PSY 102  
5) SOC 101, 102, 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)  
   - 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)

**Computer Literacy (3)**
- CMPS 110, CMPS 111, IDEA 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.

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**BS Requirement 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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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  
Course: (4)  
or
PHYS 151/153 and 152/154 General Physics I & II  
Course: (4)  
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>Sem/Year</th>
<th>Grade</th>
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</thead>
<tbody>
<tr>
<td>MATH 131 College Algebra*</td>
<td>(3)</td>
<td></td>
<td>MATH 210 Fndtns Math Thkg</td>
<td>(3)</td>
<td></td>
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<tr>
<td>MATH 132 Trigonometry*</td>
<td>(3)</td>
<td></td>
<td>MATH 271 Calculus III</td>
<td>(4)</td>
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<tr>
<td>MATH 171 Calculus I</td>
<td>(5)</td>
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<td>MATH 321 Statistics</td>
<td>(3)</td>
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</tbody>
</table>
| MATH 172 Calculus II | (4) | | MATH 496 Sr Project & Sem. | (3) | *

* may be waived for students with the proper background

**1. Statistics/Actuarial Science (15 credits)**

<table>
<thead>
<tr>
<th>Course (Credits)</th>
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<tr>
<td>MATH 312 Comp Linear Alg</td>
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<tr>
<td>MATH 471 Prob &amp; Statistics I</td>
<td>(3)</td>
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<td>MATH 410 Abstract Math</td>
<td>(3)</td>
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</table>
| MATH 472 Prob & Statistics II | (3) | | MATH 417 Numerical Anal. | (3) | OR

**2. Applied Mathematics (15 credits)**

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<td>MATH 304 Math for Sec Teach</td>
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<td>MATH 327 Survey of Geometry</td>
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| MATH 410 Abstract Math | (3) | | | | |

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

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| MATH 312 Comp Linear Alg | (3) | | | | or
| MATH 410 Abstract Math | (3) | | | | |

Select 6 more credit hours of upper division MATH courses

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

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

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**Student Success Seminar:** ACAD 101 (3 credits)

**Upper Division Hours (54 minimum):**
(6 hours must be outside of major and minor disciplines)

**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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