**Group I: Science (12 cr) (Must be from three different areas with labs)**

- **BIOLOGY** (must include lab) *(BI 114 or 124)*
- **CHEM 111** *(CH 114A)*
- **PHYS 208 or 211/211L** *(PH 114)*
- **ASTRONOMY** (must include lab) *(PH 114A)*

**Group II: Mathematics**

This general education requirement met by completing the Math Teaching Field on the back of this sheet.

**Group III: English and Communication Arts (13 cr)**

- **ENGL 111G (Freshman Composition)** *(EN 113)*
- **ENGL Literature (recommend 300+)** *(could take a sophomore literature)*
- **ENGL 211G or 311G** *(SE 123 or 113)*

**Group IV: Social Sciences and Culture (6 cr) (Choose 2 of the following in 2 different departments)**

- **ECON 201G, 251G or 252G** *(EC 213 or 223)*
- **GEOG 112G or 201G** *(GG 113)*
- **GOVT 100G or 110G** *(GO 213)*
- **SOC 101G** *(SO 213)*
- **ANTH 201G**

**Group V: History (12 cr)**

- **HIST 101G or 102G** *(HI 213 or 223)*
- **HIST 201G or 202G** *(HI 113 or 123)*
- **HIST Elective (suggest 300+)** *(HI)*
- **HIST Elective (suggest 300+)** *(HI)*

**Group VI: Fine Arts (6 cr)**

- **ART/THTR 101G, MUS 101G/201G** *(AR 113, DR 113, or MU 213)*
- Fine Arts Elect (ART, MUS, THTR) *(AR, MU, DR)*

**Group VII: Critical Thinking and Analysis (3 cr)**

- **PHIL 101G or 201G or CS 110G or BCS 110G** *(PH 123; CS 113 or 123A)*

**Group VIII: Viewing a Wider World (3 cr) (CANNOT be from Arts & Sciences or ED)**

Viewing a Wider World (upper-level) **________**

**PROFESSIONAL EDUCATION (33 cr)**

- **EMD 101 Freshman Orientation**
- **CEP 110G Human Growth & Behavior** *(PS 223A)*
- **EDUC 181 Ex. Field Experience**
- **EDLT 368 Integrating Technology w/Teaching**
- **EDM 250 Introduction to Education** *(ED 213)*
- **CEP 210 Educational Psychology** *(ED or PS 213F)*
- **EDUC 315 Multicultural Education**
- **SPED 350 Survey of Progs Exceptional Learners**
- **EDUC 381 Extended Field Ex. III**
- **RDG 414 Content Area Literacy**
- **SPED 480 Inclusion/Assessment Techniques**
- **EDUC 475 Contemporary Issues in Education**
- **EDUC 462 Math Teaching Methods (Fall)**

**STUDENT TEACHING (12 cr – Application Deadlines - Spring: February 9 - Fall: October 9)**

- **EDUC 471 Student Teaching**
- **EDUC 482 Student Teaching Seminar**

* Courses with an (*) are pre/co-requisites for Teacher Education Program (TEP)
** Double starred courses require admission to the Teacher Education Program (TEP)

Developmental Math and Developmental English courses are included on transcripts and will be calculated in the grade point average, but do not count towards total degree credit hours.
# MATH EDUCATION

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 191</td>
<td>Calculus &amp; Analy Geometry I <em>(MA 143 &amp; 153)</em></td>
<td>3</td>
</tr>
<tr>
<td>MATH 192</td>
<td>Calculus &amp; Analy Geometry II <em>(MA 233)</em></td>
<td>3</td>
</tr>
<tr>
<td>MATH 291</td>
<td>Calculus &amp; Analy Geometry III <em>(MA 243)</em></td>
<td>3</td>
</tr>
<tr>
<td>MATH 279</td>
<td>Intro to Finite Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>CS 171</td>
<td>Algorithmic Computations</td>
<td>4</td>
</tr>
<tr>
<td>MATH 280</td>
<td>Intro to Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>STAT 371</td>
<td>Statistics for Engineers I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 331</td>
<td>Intro to Modern Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 332</td>
<td>Intro to Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MATH 459</td>
<td>Survey of Geometry (F)</td>
<td>3</td>
</tr>
<tr>
<td>MATH Elective (numbered 275+)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>TOTAL CREDITS IN MATH</td>
<td></td>
<td><strong>37 HOURS</strong></td>
</tr>
</tbody>
</table>

**MINIMUM CREDITS FOR DEGREE**: 132

**MINIMUM UPPER DIVISION REQUIRED (300+)**: 54

The College of Education requires a minimum cumulative GPA of 2.5 for graduation and a minimum grade of “C” in all education and teaching field requirements.

This degree plan is designed to meet all of the NMSU general education requirements listed in the undergraduate catalog. However, if a course substitution is granted for this degree plan, be aware that it might not apply to another program. Please see your advisor for assistance.

CHECKED BY __________________________ R4/05