Worksheet for MIDDLE LEVEL EDUCATION MATH, B.S.

**COMMON CORE:** 16 Credits
- Analytical Reading/Writing WRT102
- Academic Writing WRT202
- Human Communication CM104
- Information Literacy IFL101
- Sets/Number Systems MAT115
- Physical Education (2 crs.)

**AREA DISTR. REQUIREMENTS:**

<table>
<thead>
<tr>
<th>Area</th>
<th>Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Fine Arts &amp; Humanities</td>
<td>6 Credits</td>
</tr>
<tr>
<td>II</td>
<td>Social &amp; Behav. Sciences</td>
<td>Satisfied by Major Requirements</td>
</tr>
<tr>
<td>III</td>
<td>Laboratory Sciences</td>
<td>Satisfied by Major Requirements</td>
</tr>
<tr>
<td>IV</td>
<td>Amer./West. Civ., Amer. Govt.</td>
<td>6 Credits</td>
</tr>
<tr>
<td>V</td>
<td>Int'l. Studies/Foreign Lang.</td>
<td>6 Credits</td>
</tr>
</tbody>
</table>

**Courses Meeting Standards:** 18 Credits
- Sets/Number Systems II MAT215
- General Psychology PSY100
- Child/Adol. Development PSY221
- Perspectives in Literature LIT200
- Intro. To Geography G243
- Hist. American Civ. H221 or H222

These courses may be taken prior to:

**Pre-Professional Educator Status (PPES):** 15 Credits
- Intro. American Education EDU200
- Instructional Technology EDU210
- Elem. Curr. w/Music & Art EDU230
- Psy. Teaching/Learning EDU370
- SPE Processes & Procedures SPE200

**Concentration Courses:** 21 Credits
- Calculus I MAT171
- Calculus II MAT172
- Elements of Stat. MAT250 or MAT350
- Linear Algebra MAT260
- Intro to Geometry MAT340 or MAT345
- Math Standards MAT355
- History of Mathematics MAT495

**Generalist Courses:** 13 Credits
- Field Natural History BIO120
- Biology I BIO150
- Earth Space Science ES152
- Teach/Tutor Writing WRT290

**Professional Prep. Courses:** 39 Credits
- Physical Education/Health EDU320
- Instructional Needs of ELL EDU335
- Curr. & Assessment EDU450
- Professional Development EDU470
- Legal/Comm. Issues EDU480
- Teaching Language Arts. MLE300
- Found. Reading Instruction. MLE305
- Diagnostic/Remedial Reading MLE310
- Teaching Social Studies MLE315
- Teaching Math. MLE320
- Teaching Science MLE330
- Effective Instruct. Methods SPE300
- Literacy Development SPE301

**Professional Semester:** 12 Credits
- Student Teaching MLE495
- Focused Studies MLE480
- Pract. in Student Teaching MLE485
- Selected Topics in Ed. MLE490

**Professional Semester:** 12 Credits
- 3.0 GPA prerequisite for prof. Semester
- 3.0 GPA prerequisite for prof. semester Alternate Program
- Dir. Prof. Educational Exp. MLE475
- OR
- Alternate Program Dir. Prof. Educational Exp. MLE475

**Professional Semester:** 12 Credits
- 3.0 GPA prerequisite for prof. semester
- 3.0 GPA prerequisite for prof. semester Alternate Program
- Dir. Prof. Educational Exp. MLE475
- OR
- Alternate Program Dir. Prof. Educational Exp. MLE475

**Generalist Courses:**
- Course must be taken at YCP.
- A grade of “2.0” or better is required.
- Consult with advisor concerning options.

**Notes:**
- All courses must be completed with a minimum “2.0” grade. Courses may not be taken on a pass/fail basis.
- A minimum of 12 credits of the Area Distribution Requirements must be at the 200-level or above. Courses may not be taken on a pass/fail basis. See Registrar’s Office for official list of courses.
- Six credits are to be taken in one of these two areas; if foreign language is selected, six credits must be in one language.
- Requirements listed apply to students who matriculate into or declare this major during the 2010-2011 academic year.
- Advancement to PPES Status requires successful completion of WRT102, WRT202, MAT115, 2nd math course, EDU200 and EDU210 with a minimum grade of “3.0” in each course and successful completion of the PRAXIS I exams.
- Students electing Alternate Program will select MLE475 and other appropriate course work. Must have prior approval from Advisor and Department Chair of Education.
- Concentration coursework in Mathematics is met using these 21 credits and other courses listed elsewhere on this worksheet.
- Generalist coursework in Reading/LA, Science and Social Studies is met using these 13 credits and other courses on this worksheet.