# Baccalaureate Degree (Minimum 151 Credits)

Cumulative “2.0” or Better Required for Graduation

Worksheet for **MIDDLE LEVEL EDUCATION MATH, B.S.**

**Depts. of Education and Physical Sciences**

**NAME_________________________________________________________**

**Cumulative “2.0” or Better Required for Graduation**

- **Depts. of Education and Physical Sciences**

## COMMON CORE:  

- **14 Credits**
  - Analytical Reading/Writing: WRT102
  - Academic Writing: WRT202
  - Human Communication: CM104
  - Sets/Number Systems: MAT115
  - Physical Education (2 crs.): __________

## AREA DISTRIBUTION REQUIREMENTS:

### I. Fine Arts & Humanities  

- **6 Credits**
  - __________
  - __________

### II. Social & Behavioral Sciences  

- SATISFIED BY MAJOR REQUIREMENTS

### III. Laboratory Sciences  

- SATISFIED BY MAJOR REQUIREMENTS

### IV. Amer./West. Civ., Amer. Govt.  

- **6 Credits**
  - __________
  - __________

### V. Int’l. Studies/Foreign Lang.  

- **6 Credits**
  - __________
  - __________

**Courses Mg. Cert. 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.: HIS111 or HIS112

**Pre-Professional Educator Status (PPES):**  

- **17 Credits**
  - Intro. American Education: EDU200
  - Instructional Technology: EDU210
  - Educational Assessment: EDU240
  - Psyc. Teaching/Learning: EDU370
  - SPE Processes & Procedures: SPE200

**Professional Prep. Courses:**  

- **38 Credits**
  - Physical Education/Health: EDU320
  - Instructional Needs of ELL: EDU335
  - Curriculum Development: EDU340
  - Professional Development: EDU470
  - 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**
  - ___
  - ___

**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: MAT390

**Generalist Courses:**  

- **13 Credits**
  - Field Natural History: BIO120
  - Biology I: BIO150
  - Earth Space Science: ESS152
  - Teach/Tutor Writing: WRT290

**Professional Semester:**  

- **12 Credits**
  - ___
  - ___

**areas:**  

- **3.0 GPA prerequisite for prof. Semester**
  - Student Teaching: MLE495
  - ___
  - ___
  - ___

**Alternate Program:**  

- ___
  - ___

**Professional Prep. Courses:**  

- **17 Credits**
  - Intro. American Education: EDU200
  - Instructional Technology: EDU210
  - Educational Assessment: EDU240
  - Psyc. Teaching/Learning: EDU370
  - SPE Processes & Procedures: SPE200

**Professional Semester:**  

- **12 Credits**
  - ___
  - ___

**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.

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**Requirements Listed apply to students who matriculate into or declare this major during the 2013-2014 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 or PAPA exams.**

**Students electing Alternate Program will select MLE475 and other appropriate coursework. 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.**