

## Mathematics Education, B.S. (MAE1) Major

### Teacher Education - Secondary (8th - 12th Grade) Teaching Fields

### Sequence Sheet for 2012-2013

**First Semester - Fall 2012 (15 hours)**

- \_\_\_ BIBL 1043 Biblical Foundations For Living
- \_\_\_ ENGL 1013 English Composition I
- \_\_\_ HIST 2113 American History to 1865 (Fall only) (1)
- \_\_\_ KINE 1512 Concepts Of Lifetime Fitness
- \_\_\_ LETU 1101 Cornerstones Of Life And Learning
- \_\_\_ MATH 1903 Calculus I
- \_\_\_ Fulfill English Proficiency Requirement (0 hours)

**Second Semester - Spring 2013 (17 hours)**

- \_\_\_ COSC 1303 Computer Science I
- \_\_\_ EDUC 2001 Field Experience I (Spring only)
- \_\_\_ EDUC 2301 Intro. to American Education for 8-12 Teaching (Spring only)
- \_\_\_ ENGL 1023 English Composition II
- \_\_\_ HIST 2123 American History from 1865 (Spring only) (1)
- \_\_\_ HUMA 1153 Intro. To Fine Arts
- \_\_\_ MATH 2013 Calculus II

**Third Semester - Fall 2013 (16 hours)**

- \_\_\_ BIBL 1033 Biblical Literature
- \_\_\_ COMM 1113 Intro. To Speech Communication
- \_\_\_ EDUC 3301 Field Experience II (Fall only)
- \_\_\_ EDUC 3343 Foundations of American Education and Culture
- \_\_\_ MATH 2023 Calculus III
- \_\_\_ POLS 2103 Federal, State, And Local Government

**Fourth Semester - Spring 2014 (16 hours)**

- \_\_\_ INTC 3002 Applications Of Technology
- \_\_\_ MATH 2503 Logic, Sets and Proofs (Spring only)
- \_\_\_ MATH 3303 Linear Algebra
- \_\_\_ PHYS 2011 University Physics I Lab (Spring only)
- \_\_\_ PHYS 2013 University Physics I (Spring only)
- \_\_\_ General Elective (4 hours)

**Fifth Semester - Fall 2014 (15 hours)**

- \_\_\_ EDUC 4301 Certification Preparation Seminar (8th-12th)
- \_\_\_ MATH 3553 Math Practicum (Fall only)
- \_\_\_ MATH 4303 College Geometry (Fall, Even years only)
- \_\_\_ PHYS 2021 University Physics II Lab (Fall only)
- \_\_\_ PHYS 2023 University Physics II (Fall only)
- \_\_\_ ENGL Literature Elective (3 hours)
- \_\_\_ KINE Exercise Science Elective (1 hour)

**Sixth Semester - Spring 2015 (17 hours)**

- \_\_\_ EDUC 3323 Planning And Assessment
- \_\_\_ EDUC 3401 Field Experience III
- \_\_\_ MATH 3404 Statistics and Quality Control
- \_\_\_ MATH 3703 Abstract Algebra (Spring only)
- \_\_\_ BIBL Jr.-Sr. Level Elective (3 hours)
- \_\_\_ MATH Jr.-Sr. Level Elective (3 hours)

**Seventh Semester - Fall 2015 (16 hours)**

- \_\_\_ EDUC 4333 Instructional Methods For Grades 8-12 (Fall only)
- \_\_\_ EDUC 4401 Field Experience IV (Fall only)
- \_\_\_ MATH 3903 History of Mathematics (On Demand only)
- \_\_\_ MATH 4903 Senior Seminar (Fall only)
- \_\_\_ PSYC 2143 Human Growth And Development (Fall only)
- \_\_\_ BIBL Jr.-Sr. Level Elective (3 hours)

**Eighth Semester - Spring 2016 (15 hours)**

- \_\_\_ EDUC 4023 Legal Issues in Education (2)
- \_\_\_ EDUC 4343 Classroom Management And Organization For The Middle & Secondary School (Spring only)
- \_\_\_ EDUC 4386 Student Teaching In The High School
- \_\_\_ READ 4313 Reading And Testing In The Content Areas (Even years only) (3)

**Total hours: 127**

**Notes:**

- 1: Both HIST 1113 Western Civilization to 1715 and HIST 1123 Western Civilization from 1715 may be substituted for both HIST 2113 and HIST 2123.
- 2: Students may substitute MEDU5163 Public School Law. The course description for MEDU 5163 is available in the GAPS catalog at <http://adults.letu.edu/student-services.asp>.
- 3: Students may substitute MEDU 5373 Effective Methods Language Arts & Social Studies.