

MOUNT OLIVE COLLEGE
 BACHELOR OF SCIENCE IN MATHEMATICS EDUCATION

DEGREE KEY:
 AIB.5 (8-08)
 Source: Registrar

Name: _____ Advisor: _____ Evaluation Date: _____

I. GENERAL EDUCATION (34 sh)

- English Composition (111, 112 or Hon 100 & 110) (C) 6 _____
- Literature (ENG 221, 222, 231, 232, 235 or 236) 3 _____
- Mathematics (120 or higher) 3 _____
- Fine Arts (Art, Mus, or Hist of Drama) 3 _____
- Religion (Rel 111, 112, or 200) 3 _____
- Science (PHY 221 or CHE 221) 4 _____
- Health 110 3 _____
- History (Western or World Civilization) 3 _____
- Intro to Psychology (PSY 100) 3 _____
- CIS 110 3 _____

Hours completed: _____
 Hours to be completed: _____

II. ELECTIVES (12 sh)

- Recommended: SPA 111, 112, 211, 212
- PHY 222
- CHE 222

Hours completed: _____
 Hours to be completed: _____

III. RELATED STUDIES (3 sh)

- Required: MAT 240 Statistical Methods 3 _____

Hours completed: _____
 Hours to be completed: _____

Note: A maximum of 64sh can be transferred from a 2yr school.

III. MATHEMATICS MAJOR (34 sh required at MOC;

NOTE: One 3sh course equivalent to one of the courses listed below with asterisk must be completed at ECU, course to be identified in consultation with MOC Advisor.

- MAT 255 Calculus I 3 _____
- MAT 256 Calculus II 3 _____
- MAT 355 Calculus III 3 _____
- MAT 356 Calculus IV 3 _____
- MAT 300 Discrete Mathematics 3 _____
- MAT 301 Math Ed Seminar – Algebra 1 _____
- * MAT 310 Foundations of Higher Math 3 _____
- *MAT 320 Linear Algebra 3 _____
- *MAT 321 Modern Algebra 3 _____
- *MAT 330 Applied Dif Equations 3 _____
- *MAT 400 Adv Prob & Statistics 3 _____
- *MAT 410 Elem of Modern Geometry 3 _____
- *MAT 420 Modeling & Data Analysis 3 _____

Hours completed: _____
 Hours completed at MOC (34sh): _____

IV. PROFESSIONAL STUDIES (43sh)

Professional Studies at MOC

- EDU 101-302 Professional Studies/TE (0.5sh each) 3 _____
- EDU 210 Introduction to Education 3 _____
- +EDU 220 Education Practicum (with MIDG 2123) 1 _____
- EDU/PSY 320 Educational Psychology 3 _____
- EDU/PSY 330 Developmental Psy 3 _____

Hours Completed _____
 Hours to be completed _____

Professional Studies, ECU Courses

Spring ((offered online via MOC advisement)

- +MATE 2123 Early Experiences for the Prospective Teacher (with EDU 220) 1 _____

Senior I Semester (at ECU via MOC advisement)

- MATE 3005 Sem in Sec Math Curr-Geo 1 _____
- MATE 3006 Sem in Sec Mat Curr/Adv Math 1 _____
- MATE 4001 Technology in Sec Mat Edu 3 _____
- MATE 4323 Teaching of Mat in High School 3 _____
- EDUC 4400 Fds.of School Lrn, Motivaton and Assessment 3 _____
- SPED 4010 Exceptional Students in the the Regular Classroom 2 _____
- *MATE _____course (300/400-level course (See NOTE in Section III of this degree sheet.) 3 _____

Senior II Semester (by permission)

- READ 3990 Teaching Reading in the Content Areas in the Sec School 2 _____

NOTE: READ 3990 can be taken in Senior I or II, but 12sh required in Senior II to be eligible for financial aid.

- MATE 4324 Internship in Math 10 _____
- MATE 4325 Internship Sem: Issues in Mathematics Education 1 _____

Hours completed _____
 Hours to be completed _____

Hours Required 126 minimum
 Hours transferred _____
 Hours in residence _____
 Hours to be completed _____

Certified for Graduation: _____ Registrar _____ Date _____ **Curriculum/Whitley&Cates (July 07)