

BS in Mathematics - Mathematics Education Concentration

College of Science & Technology

NAME:

W#:

| | Grade | Hrs | QP | Minimum Grade of D Required: | Grade | Hrs | QP | Minimum Grade of C required: | |
|---------------------------|-------|-----|----|---|--|-------------------------------------|----|---|---|
| ENGLISH (9 hrs) | | | | ENGL 101: Freshman Comp (3 hrs) | | | | MATH 200: Calculus I (5 hrs) | MATHEMATICS (43 hrs) |
| | | | | ENGL 102: Critical Reading & Writing (3 hrs) | | | | MATH 201: Calculus II (5 hrs) | |
| | | | | ENGL 230, 231, <u>or</u> 232: Lit (3 hrs) | | | | MATH 223: Discrete Math (3 hrs) | |
| NATURAL SCIENCES (12 hrs) | | | | GBIO 151: General Biology I (3 hrs) | | | | MATH 309: College Geometry (3 hrs) | |
| | | | | BIOL 152: General Biology Lab I (1 hr) | | | | MATH 311: History of Math (3 hrs) | |
| | | | | CHEM 121 or PHYS 221: (3 hrs) | | | | MATH 312: Calculus III (3 hrs) | |
| | | | | CLAB 123 or PLAB 223: (1 hr) | | | | MATH 360: Linear Algebra (3 hrs) | |
| | | | | Science Course Lecture II ¹ (3 hrs) | | | | MATH 370: Abstract Algebra I (3 hrs) | |
| | | | | Science Course Lab II ¹ (1 hr) | | | | MATH 380: Math Statistics (3 hrs) | |
| | | | | ¹ Must choose Biology 153/154 or Chemistry 122/124 or Physics 222/224 to complete a one-year science sequence. | | | | MATH 425: Combinatorics (3 hrs) | |
| | | | | Minimum Grade of C Required: | | | | MATH 400-level elective ² : (3 hrs) | |
| | | | | MTED 386: Methods for School Mathematics (3 hrs) | | | | MATH 400-level elective ² : (3 hrs) | |
| | | | | EDUC 202: Intro to Education (3 hrs) | | | | MATH 486: Capstone in Math (3 hrs) | |
| | | | | EDUC 316: Classroom Management for Secondary Teachers (3 hrs) | ² Neither MATH 467 nor 485 may be used to satisfy this requirement. | | | | |
| EDUCATION (36 hrs) | | | | | EDUC 407: Tests, Measurements (3 hrs) | Minimum Grade of D Required: | | | |
| | | | | | EDUC 472: Teaching Reading in Content Areas (3 hrs) | | | | COMM 210: Communicating in the Classroom (3 hrs) |
| | | | | | EDUC 485: Special Methods in High School Subjects (3 hrs) | | | | POLI 201: American Politics (3 hrs) |
| | | | | | EDUC 453: Students Teaching I in the PK-12 Schools (6 hrs) | | | | PYSC 101: General Psychology I (3 hrs) |
| | | | | | EDUC 486: Student Teaching II: Secondary Schools (9 hrs) | | | | ART, DNCE, MUS, or THEA (3 hrs) |
| | | | | | SPED 200: Characteristics Individuals with Exceptionalities (3 hrs) | | | | HIST Elective (3 hrs) |
| | | | | | | | | Free Elective (3 hrs) | |
| | | | | | | | | SE 101 or Free Elective ³ (2 hrs) | |
| | | | | | | | | ³ SE 101 is not required of transfer or re-admitted Southeastern students with 30 hours or more. | |

LAST UPDATED: 06/01/2018

TOTAL MAJORS HOURS: 43 TOTAL SEMESTER HOURS: 120
 (NOTE: ½ of all major hours must be taken at Southeastern.)