

BACHELOR OF SCIENCE - SECONDARY MATHEMATICS EDUCATION (FLORIDA DOE STATE APPROVED PROGRAM)

| FIRST YEAR SEMINAR | | |
|---|-----------|-----------|
| UNIV 1000: First Year Seminar | 3 | |
| Area/Course | Credits | Frequency |
| <u>Written Composition</u> | | |
| 6 credits at or above COMP 1500 | | |
| Open Written Composition | 3 | |
| Open Written Composition | 3 | |
| <u>Mathematics</u> | | |
| 6 credits at or above MATH 1040 satisfied in major | | |
| Satisfied in major | 3 | |
| Satisfied in major | 3 | |
| <u>Arts and Humanities</u> | | |
| 6 credits in HIST, ARTS, PHIL, HUMN, LITR, THEA, FILM, MUSC, DANC, WRIT, foreign language | | |
| HIST 1050 | 3 | |
| Open Arts and Humanities | 3 | |
| <u>Social and Behavioral Sciences</u> | | |
| 6 credits in PSYC, SOCL, ANTH, ECN, COMM, GEOG, GEST, INST, POLS | | |
| GEST, INST, POLS | | |
| Open Social and Behavioral Science | 3 | |
| <u>Science</u> | | |
| 6 credits in BIOL, MBIO, CHEM, SCIE, ENVS, PHYS | | |
| PHYS 1020 | 3 | |
| Open Science | 3 | |
| Total General Education Credits | 30 | |
| OPEN ELECTIVES | | |
| take 4 open elective courses | | |
| Total Open Electives Credits | 12 | |
| TOTAL CREDITS: 120 | | |

| MAJOR | | |
|---|-----------|-----------|
| Course | Credits | Frequency |
| EDUC 2010F: Foundations of Education | 3 | F |
| *RAZT 1050: Fundamentals of Peer Education | 3 | F |
| ESOL 2903F: Cross-Cultural Studies | 3 | F |
| ESOL 3340F: Survey of TESOL for Teachers | 3 | W |
| EDUC 3350F: Survey of Exceptional Student Education | 3 | W |
| MATH 2100: Calculus I | 4 | FW |
| EDUC 3525F: Practices of Instruction | 3 | F |
| EDUC 3535F: Educational Assessment | 3 | W |
| MATH 2020: Applied Statistics | 3 | FW |
| MATH 2200: Calculus II | 4 | FW |
| EDUC 4010F: Foundations of Curriculum Development | 3 | FW |
| MATH 3300: Introductory Linear Algebra | 3 | FW |
| CSIS 2050: Discrete Mathematics | 4 | FW |
| SECE 4320F: Secondary Classroom Management | 3 | FW |
| MATH 3400: Ordinary Differential Equations | 3 | W |
| MATH 4050: Advanced Calculus I or MATH 4350: Abstract A | 3 | FE/FO |
| SECE 4560F: Methods of Teaching Secondary Reading | 3 | W |
| MATH 4060 or MATH 4360: Advanced Calculus II or Abstract B | 3 | WO/WE |
| SECE 4350F: Methods of Teaching Secondary Mathematics | 3 | F |
| ESOL 4565F: Second Language Learning | 3 | F |
| EDUC 4510F: Diversity and Ethics | 3 | FW |
| SEMA 4570: Secondary Mathematics Education Internship | 12 | FW |
| Florida Teacher Cert. Exam. - Subject Area Examinati | | |
| Florida Teacher Cert. Exam. - Professional Educator Test | | |
| Total Major Credits | 75 | |

* RAZT 1050 is only a required course for students in the Shark Teach Program