

BACHELOR OF SCIENCE IN MATHEMATICS: SECONDARY EDUCATION

**SUGGESTED COURSE SEQUENCE --- TOTAL DEGREE HOURS 127 (129) w/Chapel & Cultural Events
2020-2021 Catalog**

Freshman Semester 1

| | | | | |
|--------------------------|------|------|-------------------------|-------|
| <input type="checkbox"/> | CHPL | 1000 | Chapel | 0.5 |
| <input type="checkbox"/> | CEVT | 1000 | Cultural Events | 0 |
| <input type="checkbox"/> | CHST | 1310 | Old or New Test. (1320) | 3 |
| <input type="checkbox"/> | EDUC | 1210 | Intro to Education*## | 2 |
| <input type="checkbox"/> | ENGL | 1310 | Comp & Rhetoric | 3 |
| <input type="checkbox"/> | MATH | 1410 | Calculus | 4 |
| <input type="checkbox"/> | HIST | XXXX | Western Civ. or Higher | 3 |
| <input type="checkbox"/> | COLL | 1100 | or HNRS 1210 | 1 (2) |

TOTAL: 16.5 or 17.5

Freshman Semester 2

| | | | | |
|--------------------------|------|------|---------------------------|-----|
| <input type="checkbox"/> | CHPL | 1000 | Chapel | 0.5 |
| <input type="checkbox"/> | CEVT | 1000 | Cultural Events | 0 |
| <input type="checkbox"/> | BIOL | 1410 | Principles of Biology | 4 |
| <input type="checkbox"/> | EDUC | 2230 | Foundations of Educ. | 2 |
| <input type="checkbox"/> | ENGL | 1320 | Comp. & Literature | 3 |
| <input type="checkbox"/> | MATH | 2410 | Calculus 2 | 4 |
| <input type="checkbox"/> | COMM | 2300 | Oral Communications | 3 |
| <input type="checkbox"/> | PHED | 1200 | Physical Fitness/Wellness | 2 |

TOTAL: 18.5

Sophomore Semester 1

| | | | | |
|--------------------------|------|------|------------------------|-----|
| <input type="checkbox"/> | CHPL | 1000 | Chapel | 0.5 |
| <input type="checkbox"/> | CEVT | 1000 | Cultural Events | 0 |
| <input type="checkbox"/> | PSYC | 2385 | Adolescent Psychology | 3 |
| <input type="checkbox"/> | PHYS | 1410 | College Physics I | 4 |
| <input type="checkbox"/> | EDUC | 1215 | Integration Technology | 2 |
| <input type="checkbox"/> | MATH | 2420 | Calculus 3 | 4 |
| <input type="checkbox"/> | MATH | 3310 | Linear Algebra | 3 |

TOTAL: 16.5

Sophomore Semester 2

| | | | | |
|--------------------------|------|------|----------------------------|-----|
| <input type="checkbox"/> | CHPL | 1000 | Chapel | 0.5 |
| <input type="checkbox"/> | CEVT | 1000 | Cultural Events | 0 |
| <input type="checkbox"/> | EDUC | 3340 | Education Psychology* | 3 |
| <input type="checkbox"/> | PHYS | 1420 | College Physics II | 4 |
| <input type="checkbox"/> | EDUC | 2300 | Foundations of Reading | 3 |
| <input type="checkbox"/> | EDUC | 2140 | Lesson Planning | 1 |
| <input type="checkbox"/> | MATH | 3410 | Stats Science/Engineering | 4 |
| <input type="checkbox"/> | MATH | 2310 | Foundations of Higher Math | 3 |

TOTAL: 18.5

Junior Semester 1

| | | | | |
|--------------------------|------|------|----------------------------|-----|
| <input type="checkbox"/> | CHPL | 1000 | Chapel | 0.5 |
| <input type="checkbox"/> | MATH | 4345 | Mathematical Stats | 3 |
| <input type="checkbox"/> | EDSE | 4340 | Classroom Management** | 3 |
| <input type="checkbox"/> | EDUC | 3350 | The Exceptional Learner | 3 |
| <input type="checkbox"/> | EDSE | 3290 | Curriculum Development**## | 2 |
| <input type="checkbox"/> | CHST | 2335 | World Religions | 3 |
| <input type="checkbox"/> | MATH | 3320 | Abstract Algebra | 3 |

TOTAL: 17.5

Junior Semester 2

| | | | | |
|--------------------------|------|------|---------------------------------|-----|
| <input type="checkbox"/> | CHPL | 1000 | Chapel | 0.5 |
| <input type="checkbox"/> | MATH | XXXX | Math Elective | 3 |
| <input type="checkbox"/> | MATH | 3150 | Tech for Math Class | 1 |
| <input type="checkbox"/> | MATH | 3200 | Math Teacher Assistant | 2 |
| <input type="checkbox"/> | MATH | 3390 | History of Faith and Math | 3 |
| <input type="checkbox"/> | MATH | 4470 | Discrete Modeling | 4 |
| <input type="checkbox"/> | EDSE | 3395 | Read/Writing in the Content**## | 3 |

TOTAL: 16.5

Senior Semester 1

| | | | | |
|--------------------------|------|------|-------------------------------------|-----|
| <input type="checkbox"/> | CHPL | 1000 | Chapel | 0.5 |
| <input type="checkbox"/> | MATH | 3350 | Foundations of Geometry | 3 |
| <input type="checkbox"/> | | | Art, Music, or Theater Appreciation | 3 |
| <input type="checkbox"/> | MAED | 4310 | Math Methods*### | 3 |
| <input type="checkbox"/> | MAED | 4210 | Seminar Curriculum* | 2 |
| <input type="checkbox"/> | | | Elective | 3 |

TOTAL: 14.5

Senior Semester 2

| | | | | |
|--------------------------|------|------|-----------------------------|-----|
| <input type="checkbox"/> | CHPL | 1000 | Chapel | 0.5 |
| <input type="checkbox"/> | EDSE | 4600 | Directed Student Teaching** | 12 |

TOTAL: 12.5

* Pre-requisite admission to Teacher Education Program.
(If delayed admittance into the Teacher Education Program past the end of Sophomore year, it may require more than 4 years to complete your degree.)

* Indicate courses that require field placement which will require a current criminal background check and TB test.

Each # symbol represents 10 hours of field placement.