

BS in Mathematics Secondary Education – plan of study

(assumes no AP calculus or other credit, and standard language placement)

Bold = major requirement

Italics = Liberal Arts Curriculum Requirement

| | Fall | Spring | Course list (40 courses) | |
|-----------|--|--|---|--|
| Freshman | <p>Math 121 <i>Phil 201</i> <i>TRS 201 / Eng 101</i> <i>Language 103</i> <i>LAC elective 1</i></p> | <p>Math 122 Phys 215 <i>Phil 202</i> <i>TRS 201 / Eng 101</i> <i>Language 104</i></p> | <p><u>Math/Science (17)</u> Math 121 Math 122 Math 221 Math 222 Math 248 Math 301 Math 321 Math 403 Math 421 Math 424 Math 431 Phys 215 Phys 216 HSSS 203 CSC 120** Science Elective Science Elective</p> | <p><u>Liberal Arts (13)</u> Phil 201 Phil 202 Phil elective TRS 201 TRS 202 TRS 357A ENG 101 Literature LAC Fine Arts LAC History LAC Soc. Sci LAC Language 103 Language 104</p> |
| Sophomore | <p>Math 221 Phys 216 Educ 271 <i>HSSS 203</i> <i>TRS 202</i></p> | <p>Math 248 Math 301 Educ 251 TRS 357A Science elective <i>LAC elective 2</i></p> | <p>HSSS 203 CSC 120** Science Elective Science Elective</p> | <p><u>Free Electives (1)</u> Free elective 1</p> |
| Junior | <p>Math 321 Math 222 Educ 386 CSC 120 <i>LAC elective 3</i></p> | <p>Math 403 Math 424 Educ 382 Science Elective <i>LAC elective 4</i></p> | <p><u>Education (9)</u> Educ 251 Educ 271 Educ 382 Educ 386 Educ 479 Educ 400-461-462-463</p> | |
| Senior | <p>Math 421 Math 431 Educ 479 <i>LAC elective 5</i> Free Elective <u>also: Math 498</u> (comps – 0 credits)</p> | <p>Student Teaching: Educ 400, 461, 462, 463</p> | | |

- LAC Electives (5) = Literature, Fine Arts, Philosophy, History/Politics, Social Science
- **CSC 120 can be CSC 123, 124, 212, or 223 instead
- Assumes 1 course over-election in sophomore spring; this can happen in a different semester but students with no transfer/AP credit will have to over-elect at least one semester OR take a summer course to make up for only taking the equivalent of four courses in senior spring (student teaching).
- Electives can be moved around of course. Most bold courses are only offered in the semester they are shown. (Exceptions: Math 121, 122, 221 are offered in both terms; science electives are electives that can be taken anytime.)