

Department of Geosciences

Mentor: _____

Catalog Year: 2018-2019

Instructions for Students graduating in Fall 2018 or later: Original copy signed by advisor, Geosciences mentor, and Dept Chair, AND Intent to Graduate Form must be filed in DSB 120 upon completing 60 credit hours.

| Student Name | | | Student M# | | | |
|---|---|-------|---|-------|-----------------------|--------------|
| Permanent Address | | | Email Address | | | |
| Concentration/ Career Path | Concentration: Physical Geography Career Path: Geospatial Analysis | | | | | |
| General Education Requirements | | | Course | Grade | Notes | Credit Hours |
| COMMUNICATION (9 hours) | | | ENGL 1010 | | | 3 |
| | | | ENGL 1020 | | | 3 |
| | | | COMM 2200 | | | 3 |
| HISTORY (6 hours) - Choose two: HIST 2010, HIST 2020, HIST 2030 | | | | | | 3 |
| | | | | | | 3 |
| HUMANITIES AND / OR FINE ARTS (9 hours) - Choose one: ENGL 2020, ENGL 2030, or HUM 2610 Choose two (different rubrics)*: ANTH 2210; ART 1030, ART 1920; DANC 1000; HIST 1010, HIST 1020, HIST 1110, or HIST 1120; HUM 2610; MUS 1030; PHIL 1030; THEA 1030 | | | | | | 3 |
| | | | | | | 3 |
| | | | | | | 3 |
| MATHEMATICS (3 hours) - Choose one: MATH 1010, MATH 1530, MATH 1630, MATH 1710, MATH 1720, MATH 1730, MATH 1810, MATH 1910 | | | | | | 3 |
| NATURAL SCIENCES (8 hours) - Choose two (different rubrics): ASTR 1030/1031, BIOL 1030/1031, BIOL 1110/1111, BIOL 2010/2011, BIOL 2020/2021, CHEM 1010/1011, CHEM 1030/1031, CHEM 1110/1111, GEOL 1030/1031, GEOL 1040/1041, PGEO 1030, PHYS 1110, PHYS 2010/2011, PHYS 2110/2111, PSCI 1030/1031, PSCI 1130/1131 | | | | | | 4 |
| | | | | | | 4 |
| SOCIAL/BEHAVIORAL SCIENCES (6 hours) - Choose two (different rubrics): AAS 2100; ANTH 2010; ECON 2410; ECON 2420; EMC/JOUR/RIM 1020; GEOG 2000; GS 2010; HLTH 1530/1531; PS 1005, PS 1010; PSY 1410; RS 2030; SOC 1010, SOC 2010; WGST 2100 | | | | | | 3 |
| | | | | | | 3 |
| * Both must be different prefixes from choice in first Humanities/Fine Arts category. | | | | | SUBTOTAL HOURS | 41 |
| Courses Required to Complete Major (42 hrs) | | | | | | |
| Course | Semester | Grade | Course name / Notes | | | Credit Hours |
| GEOL 1030/1031 or GEOL 1040/1041 | | | Introduction to Earth Science + Lab or Physical Geology + Lab | | | 4 |
| PGEO 1030 | | | Physical Geography | | | 4 |
| PGEO 3401 | | | Physical Geography Field Course | | | 4 |
| PGEO 4000 | | | Climatology & Climate Change | | | 3 |
| PGEO 4380 | | | Cartography | | | 4 |
| PGEO 4490 | | | Remote Sensing | | | 4 |
| PGEO 4511 | | | Advanced Remote Sensing | | | 3 |
| PGEO 4530 | | | Introduction to Geographic Information Systems | | | 3 |
| PGEO 4560 | | | Intermediate Geographic Information Systems | | | 3 |
| GEOL 4020 | | | Geomorphic Regions of the United States | | | 4 |
| PGEO or GEOL | | | Geoscience Elective - Course: | | | 3,4,5 |
| PGEO or GEOL | | | Geoscience Elective - Course: | | | 3,4,5 |
| SUBTOTAL HOURS; MAJOR | | | | | | 42 |

| Cognate: Geosciences mentor-approved elective courses from the College of Basic and Applied Sciences totaling at least 18 hours to include MATH 1530 and 4 hours selected from the Natural Science general education list on page 1. | | | | |
|--|----------|-------|---|--------------|
| Course | Semester | Grade | Course name / Notes | Credit Hours |
| MATH 1530 | | | Applied Statistics | 3 |
| | | | Natural Science; chosen from general education list on page 1 | 4 |
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| SUBTOTAL HOURS; COGNATE | | | | 18 |

| Geosciences mentor-approved elective courses totaling at least 19 hours. 42 total credits must be earned at the 3000/4000 level; 30 earned at MTSU. | | | | |
|---|----------|-------|---------------------|--------------|
| Course | Semester | Grade | Course name / Notes | Credit Hours |
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| SUBTOTAL HOURS; MENTOR APPROVED ELECTIVES | | | | 19 |
| A minimum of 120 semester hours are required for graduation. TOTAL HOURS | | | | |

Notes _____

Student _____ Date _____

Advisor: _____ Mentor: _____

Geosciences Chair: _____