

Upper Division Form
Department of Geosciences

Mentor: _____

Catalog Year: 2020-2021

Instructions: For students graduating in Summer 2020 or later, an original copy signed by advisor, Geosciences mentor and Department Chair, **AND** an *Intent to Graduate Form* must be filed in DSB 120 upon completion of 60 credit hours.

| Student Name: | | Student ID: | | MTSU Box | | |
|---|--|------------------|--|----------|--|--------------|
| Degree Sought: | | Phone: | | | | |
| Major and/or concentration: | Concentration: Geology Career Path: Earth Science | E-mail: | | | | |
| General Education Requirements (41 hrs) | | Course | Semester | 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, 2030 or HUM 2610. Choose two different subjects: ANTH 2210, ART 1030, or 1920, DANC 1000, HIST 1010, 1020, 1110 or 1120, 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 | | | | | MATH 1730 required for program | 3 |
| | | | | | | 3 |
| NATURAL SCIENCES (8 hours) Choose two different subjects: 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 , PHYS 1110, PHYS 010/2011, PHYS 2110/2111; PGEO 1030; PSCI 1030/1031, PSCI 1130/1131 | | | | | GEOL 1030/1031 or GEOL 1040/1041 required for program | 4 |
| | | | | | | 4 |
| SOCIAL/BEHAVIORAL SCIENCES (6 hours) Choose two different subjects: 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 |
| 41 | | | | | | |
| Courses to be taken to complete Major (42 hours) | | | | | | |
| Required Courses | Semester | Grade | Notes | | | Credit Hours |
| MATH 1530 | | | Applied Statistics (3 hrs) | | | 3 |
| GEOL 1030/1031 OR GEOL 1040/1041 | | | Intro Earth Science + Lab or Physical Geology + Lab (4 hrs) | | | 4 |
| GEOL 1050 | | | Historical Geology (4 hrs) | | | 4 |
| GEOL 3000 | | | Mineralogy (5 hrs) | | | 5 |
| GEOL 3010 | | | Oceanography (3 hrs) | | | 3 |
| GEOL 3050 | | | Field Methods in Geology (3 hrs) | | | 3 |
| GEOL 4020 | | | Geomorphology (4 hrs) | | | 4 |
| GEOL 4050 | | | Meteorology (3 hrs) | | | 3 |
| GEOS Electives: choose 13 hours of Geoscience Electives from any GEOL or PGEO subject, or any Geoscience mentor approved math or science course | | | | | | |
| Course | Semester | Grade | Notes | | | Credit Hours |
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| | | | | SUBTOTAL HOURS | 42 |
|--|----------|-------|---|-----------------------|----|
| Courses to be taken to complete Math/Science Cognate (18 hours) | | | | | |
| Required Courses | Semester | Grade | Notes | Credit Hours | |
| MATH 1730 | | | Pre-Calculus (4 hrs) (3 hrs can count in general education) | 1-4 | |
| PGEO 4530 | | | Geographic Information Systems (3 hrs) | 3 | |
| PLSO 3340 | | | Fundamentals of Soil Science (3 hrs) | 3 | |
| Additional Math/Science Cognate Electives: Must be Geosciences mentor-approved; 4 hours must be selected from the Natural Science general education list on page 1. | | | | | |
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| | | | | SUBTOTAL HOURS | 18 |
| Geosciences mentor-approved electives (18-26 credits); a minimum of 120 semester hours are required for graduation | | | | | |
| Course | Semester | Grade | Notes | Credit Hours | |
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| | | | | TOTAL HOURS | |

Notes: _____

Approval Signatures: _____

Student: _____ Advisor: _____ Date: _____

Geosciences Mentor: _____ Department Chair: _____