



## Bachelor of Science in Geology: Geology Concentration Advising Worksheet – See also Course Catalog

**A minimum of 53 semester hours, including:**

| Course Number   | Course Title                                 | Semester Completed | Grade | Credits |
|---|--|--------------------|-------|---------|
| CHM 101   | General Chemistry I                          |                    |       |         |
| GEO 101   | Fundamentals of Geology                      |                    |       |         |
| GEO 104   | Fundamentals of Geology Lab                  |                    |       |         |
| GEO 204   | Earth Materials I                            |                    |       |         |
| GEO 218   | Evolution of the Earth                       |                    |       |         |
| GEO 302   | Stratigraphy and Sedimentology               |                    |       |         |
| GEO 310   | Geomorphology                                |                    |       |         |
| GEO 343   | Field Methods for Geoscientists              |                    |       |         |
| GEO 350   | Applied Field Geology (3 credits)            |                    |       |         |
| GEO 411   | Structural Geology and Tectonics             |                    |       |         |
| GEO 490   | Geology Capstone Seminar: Regional Tectonics |                    |       |         |
| <b>Choose one of the following:</b>   |  |                    |       |         |
| PHS 101   | Fundamental Physics I                        |                    |       |         |
| PHS 201   | General Physics I                            |                    |       |         |
| <b>Choose one of the following:</b>   |  |                    |       |         |
| MAT 175   | Calculus I                                   |                    |       |         |
| MAT 210   | Probability and Statistics                   |                    |       |         |
| <b>Choose 12 credits from the following (or other courses approved by the geology faculty):</b> |  |                    |       |         |
| ESC 345   | Soil Science                                 |                    |       |         |
| GEO 245   | Geoscience Research Methods                  |                    |       |         |
| GEO 305   | Earth Materials II                           |                    |       |         |
| GEO 316   | Geochemistry                                 |                    |       |         |
| GEO 318   | Geology of the National Parks and Monuments  |                    |       |         |
| GEO 328   | Field Paleontology                           |                    |       |         |
| GEO 330   | Paleoclimate and Global Change               |                    |       |         |
| GEO 334   | Oil and Gas Geology                          |                    |       |         |
| GEO 345   | Practical Geoscience Research I              |                    |       |         |
| GEO 349   | Geomechanics                                 |                    |       |         |
| GEO 354   | Sedimentary Basin Analysis                   |                    |       |         |

|         |  |  |  |  |
|---------|--|--|--|--|
| GEO 445 | Practical Geoscience Research II               |  |  |  |
| GEO 450 | Internship                                     |  |  |  |
| GEO 483 | Thesis in Geology                              |  |  |  |
| GPY 321 | Introduction to Geographic Information Systems |  |  |  |
| GPY 322 | Remote Sensing                                 |  |  |  |

**Additional graduation requirements for a bachelor's degree:**

120 semester hours completed: \_\_\_\_\_

No more than 64 semester hours counted from two-year colleges: \_\_\_\_\_

Completion of core curriculum requirements: \_\_\_\_\_

39 upper division credits (including 12 in a major, 6 in a minor if one is chosen, 20 at RMC): \_\_\_\_\_

Minimum of 30 hours from RMC (including 24 of the last 30 hours): \_\_\_\_\_

2.00 cumulative GPA: \_\_\_\_\_ (3.00 for education majors)

2.25 cumulative GPA for courses taken for the major: \_\_\_\_\_ (3.00 for education majors)

Application for graduation submitted (see academic calendar for due dates): \_\_\_\_\_

**Note: This worksheet is only a tool to help in the advising process. Please refer to the course catalog to verify additional degree requirements. Students should meet with their advisor regularly and keep track of progress toward their degree.**

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