

# GEOLOGY MINOR

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The Minor in Geology allows students from other majors to develop a comprehensive, yet concise, understanding of earth processes. Building on core courses in physical, historical, and field geology, students select two additional courses as electives from the wide array of subdisciplines. Some examples of elective courses include paleontology, mineralogy, petrology, structural geology, hydrogeology, volcanology, geochemistry, and economic geology.

## Course Requirements for the Minor

The following courses, or their approved transfer equivalents, are required of all candidates for this minor.

Students majoring in geology may not pursue a minor in geology.

| Course                                 | Title                                    | Units     |
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| ERTH 102                               | Physical Geology                         | 3         |
| ERTH 203                               | Principles of Historical Geology         | 3         |
| ERTH 306                               | Mineralogy and Lithology                 | 4         |
| ERTH 307                               | Stratigraphy                             | 3         |
| ERTH 360                               | Field Methods                            | 2         |
| Select seven units from the following: |  | 7         |
| ERTH 303                               | Invertebrate Paleontology                |           |
| ERTH 361W                              | Preparation of the Geological Report (W) |           |
| ERTH 403                               | Igneous and Metamorphic Petrology        |           |
| ERTH 408                               | Structural Geology                       |           |
| ERTH 415                               | Hydrogeology                             |           |
| ERTH 436                               | Volcanology                              |           |
| ERTH 455                               | Sedimentary Basin Analysis               |           |
| ERTH 471                               | Field Geology                            |           |
| ERTH 565                               | Geochemistry                             |           |
| ERTH 572W                              | Advanced Field Geology (W)               |           |
| ERTH 580                               | Geological Evolution of North America    |           |
| ERTH 649                               | Economic Geology                         |           |
| ERTH 670                               | Environmental and Engineering Geology    |           |
| <b>Total Units</b>                     |  | <b>22</b> |