# GEOPHYSICS MINOR

## Minor Requirements (18-20 Hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td><strong>Prerequisites</strong> 1</td>
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<tr>
<td>MATH 141</td>
<td>Calculus I</td>
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<tr>
<td>PHYS 201 &amp; 201L</td>
<td>General Physics I and General Physics Laboratory I</td>
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<tr>
<td>or PHYS 211 &amp; 211L</td>
<td>Essentials of Physics I and Essentials of Physics I Lab</td>
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**Core Courses** 4

Select one of the following:

- GEOL 101 Introduction to the Earth
- GEOL 103 Environment of the Earth
- GEOL 201 Observing the Earth
- GEOL 302 Rocks and Minerals

Select 10-12 hours from the following: 10-12

- GEOL 345 Igneous and Metamorphic Processes
- GEOL 355 Structural Geology and Tectonics
- GEOL 531 Plate Tectonics
- GEOL 548 Environmental Geophysics
- GEOL 554 Applied Seismology
- GEOL 555 Elementary Seismology
- GEOL 556 Seismic Reflection Interpretation
- GEOL 575 Numerical Modeling for Earth Science Applications
- GEOL 582 Marine Hydrodynamics

**Total Credit Hours** 18-20