# GEOSCIENCES (PLANETARY GEOSCIENCE), B.S.

## Requirements for a Concentration in Planetary Geoscience

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>GEO 4485</td>
<td>Introduction to Geographic Information Systems</td>
<td>4</td>
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Select nine semester hours from the following:

- GEO 4321 Isotope Geochemistry
- GEO 4323 Geodynamics
- GEO 4335 Volcanology
- GEO 4386 Remote Sensing
- GEO 4388 Earth System Science
- GEO 4457 Geophysical Exploration I
- GEO 4300 Senior Thesis
  or GEO 4302 Mentored Research Experience
  or GEO 4303 Internship

### Subtotal

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tr>
<td></td>
<td></td>
<td>13</td>
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</table>

## Required Courses in Other Fields

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>MTH 1321</td>
<td>Calculus I</td>
<td>3</td>
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<tr>
<td>MTH 1322</td>
<td>Calculus II</td>
<td>3</td>
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<tr>
<td>or STA 2381</td>
<td>Introductory Statistical Methods</td>
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Select sixteen semester hours from the following:

- BIO 1303 Human Ecology: Our Place in Nature
- BIO 1305 and Modern Concepts of Bioscience Laboratory
- BIO 1306 Modern Concepts of Bioscience, continued and Modern Concepts of Bioscience Laboratory
- CHE 1301 and General Chemistry Laboratory I
- CHE 1302 and General Chemistry Laboratory II
- PHY 1408 General Physics for Natural and Behavioral Sciences I
- PHY 1409 General Physics for Natural and Behavioral Sciences II
- PHY 1420 General Physics I
- PHY 1430 General Physics II

No more than 4 hours from:

- ANT 1404 Introduction to Human Evolution
- ANT 1407 Introduction to Archaeology
- AVS 1313 Introduction to Meteorology
- BUS 2222 Introduction to Energy Commerce
- CSI 1430 Introduction to Computer Science I with Laboratory

Total Hours: 35