M.S., GEOPHYSICS

- Complete the following admission requirements:
  a. Submit GRE scores.
  b. Complete a background at least to the level of a B.S. concentration in geology, geophysics or an appropriate physical science or engineering.
  c. Complete MATH F302
  d. Recommended: MATH F314, MATH F421, PHYS F220

Concentrations: Solid-Earth Geophysics; Snow, Ice and Permafrost Geophysics; Remote Sensing Geophysics

Minimum Requirements for Degree: 30 credits

<table>
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<th>Code</th>
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<tr>
<td>GEOS</td>
<td>F631 Foundations of Geophysics</td>
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<tr>
<td>GEOS</td>
<td>F682 Geoscience Seminar (fall semester)</td>
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Complete 6 credits from relevant graduate-level courses agreed by the advisory committee or select one from the following concentrations:

**Solid-Earth Geophysics**
- GEOS F604 Seismology
- GEOS F605 Geochronology
- GEOS F613 Global Tectonics
- GEOS F626 Applied Seismology

**Snow, Ice and Permafrost Geophysics**
- GEOS F614 Ice Physics
- GEOS F615 Sea Ice
- GEOS F616 Permafrost
- GEOS F617 Glaciers

**Remote Sensing**
- GEOS F622 Digital Image Processing in the Geosciences
- GEOS F639 InSar and Its Applications
- GEOS F654 Visible and Infrared Remote Sensing
- GEOS F657 Microwave Remote Sensing
- GEOS F676 Remote Sensing of Volcanic Eruptions
- ATM F613 Atmospheric Radiation

Complete 7 credits of courses approved by the advisory committee

GEOS F699 Thesis

Thesis credits or credits from courses that are F400-level or higher. 1

The minimum credits required is 30. The required M.S. course work above represents 18 credits. The minimum number of thesis credits required is 6. The remaining 6 credits can either be thesis credits or courses that are F400-level or higher.

Concentrations

**SOLID-EARTH GEOPHYSICS**

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