M.S., GEOPHYSICS

Admission Requirements
Complete the following admission requirements:

• Submit GRE scores.
• Complete a background at least to the level of a B.S. concentration in geology, geophysics or an appropriate physical science or engineering.
• Complete MATH F302
• Recommended: MATH F314, MATH F432, PHYS F220

Program Requirements
Minimum Requirements for Geophysics
M.S.: 30 credits

CONCENTRATIONS: SOLID-EARTH GEOPHYSICS (P. 1); SNOW, ICE AND PERMAFROST GEOPHYSICS (P. 1); REMOTE SENSING GEOPHYSICS (P. 1)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>GEOS F631</td>
<td>Foundations of Geophysics</td>
<td>4</td>
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<tr>
<td>GEOS F682</td>
<td>Geoscience Seminar (fall semester)</td>
<td>1</td>
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Complete 6-12 thesis credits

Complete any deficiencies concurrently with this degree.

Submit a written thesis proposal and pass an oral comprehensive examination centered on this proposal.

Complete and submit a written thesis and pass an oral defense of thesis.

Geophysics Core Requirements

Complete 6 credits from relevant graduate-level courses agreed by the advisory committee or select one from the following concentrations:

Solid-Earth Geophysics
Snow, Ice and Permafrost Geophysics
Remote Sensing

Complete 7 credits of courses approved by the advisory committee

GEOS F699  Thesis  6

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

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.