Geology (Minor)

To see more about what you will learn in this program, visit the Learning Outcomes website (https://apps.oirp.ncsu.edu/pgas/).

The Department of Marine, Earth and Atmospheric Sciences offers a minor in Geology to majors in any field except geology. This program provides a means of recognition for students in any field who have a curiosity about the materials, structures and processes of the solid earth.

Admissions

Admission into this minor program requires that the student be in good academic standing at the university. To officially enroll in the Minor program, students should see Dr. Karl Wegmann, 2123 Jordan Hall, 919.515.0380, kwwegman@ncsu.edu. Dr. Wegmann will provide the student with the name of a geology faculty member who will act as the advisor for the student’s minor program.

Certification

Students should see Dr. Wegmann for certification of the minor, 2123 Jordan Hall. The minor must be completed no later than the semester in which the student expects to graduate from his or her degree program.

Contact Person

Dr. Karl Wegmann  
Department of Marine, Earth and Atmospheric Sciences  
2123 Jordan Hall  
919.515.0380  
kwwegman@ncsu.edu

SIS Code: 17GM

Plan Requirements

- A grade of ‘C’ or better in all course work used toward minor.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
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<tbody>
<tr>
<td>Gateway Course</td>
<td>Select one of the following:</td>
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<tr>
<td>MEA 100</td>
<td>Earth System Science: Exploring the Connections</td>
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<td>MEA 140</td>
<td>Catastrophic Earth</td>
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<td>MEA 101</td>
<td>Geology I: Physical</td>
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<td>MEA 150</td>
<td>Environmental Issues in Water Resources</td>
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<td>MEA 200</td>
<td>Introduction to Oceanography</td>
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<td>MEA 110</td>
<td>Geology I Laboratory</td>
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<td>MEA 202</td>
<td>Geology II: Historical</td>
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<td>MEA 211</td>
<td>Geology II Laboratory</td>
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Elective Courses

Select 6-7 credits

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<tbody>
<tr>
<td>MEA 300</td>
<td>Environmental Geology</td>
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<tr>
<td>MEA 369</td>
<td>Life on Earth: Principles of Paleontology</td>
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<tr>
<td>MEA 409</td>
<td>Watershed Forensics</td>
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<td>MEA 410</td>
<td>Introduction to Mineralogy and Petrology</td>
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<td>MEA 411</td>
<td>Marine Sediment Transport</td>
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<td>MEA 440</td>
<td>Igneous and Metamorphic Petrology</td>
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<td>MEA 450</td>
<td>Introductory Sedimentology and Stratigraphy</td>
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<td>MEA 451</td>
<td>Structural Geology</td>
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<td>MEA 465</td>
<td>Geologic Field Camp</td>
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<td>MEA 466</td>
<td>Preparatory Course for Field Camp</td>
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<td>MEA 470</td>
<td>Introduction to Geophysics</td>
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<td>MEA 471</td>
<td>Exploration and Engineering Geophysics</td>
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<td>MEA 493</td>
<td>Special Topics in MEAS 1</td>
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Total Hours 14-16

1 Enrollment in special topics courses should be approved by the minor coordinator in advance to ensure they are appropriate and relevant to the minor.