Student: __________________________

Other degree programs (Majors, minors, certificate): _____________________________

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
<th>Semester Completed</th>
<th>Overlap with other major, minor, other certificate program or GE?</th>
</tr>
</thead>
<tbody>
<tr>
<td>EARTHSC 5206</td>
<td>3</td>
<td></td>
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</tbody>
</table>

Electives (minimum 9 credit hours)

Total Credit hours:  ______________ (minimum 12)

Credits double counted with major, minor, other certificate program, or GE:
_______________ (maximum 50%)

Advisor’s signature:  ________________

Required core course (3 credits):
- EARTHSC 5206: Advanced Oceanography (3)

Elective courses (9 credits):
In addition, students will select from the courses listed below.
- EARTHSC 4450: Water, Ice and Energy in the Earth System (3)
- EARTHSC 5622: Stable Isotope Biogeochemistry (3)
- EARTHSC 5602.02: Carbonate Depositional Systems (3)
- EARTHSC 5780: Reflection Seismology (4)
- GEOG 5900: Climatology (3)
- EEOB 5410: Ocean Ecology (1.5)
- EEOB 5430: Fish Ecology (3)
- EEOB 4230: Focused study on ecology and evolution of invertebrates (2)
- ENR 5614: Marine and aquatic education (1)

Of these electives, no more than one of:
- GEOG 5210: Fundamentals of Geographic Information Systems (3)
- EARTHSC 5310: Remote Sensing in the Earth Sciences (3)
- CIVILEN 5001: Introduction to Geographic Information Systems (4)