

DIVISION OF GEOLOGICAL AND PLANETARY SCIENCES

Application for Approval of Candidacy

NOTE: This form is to be used by all Environmental Science & Engineering students

Name: _____ Research Advisor: _____

Major Field: ENVIRONMENTAL SCIENCE & ENGINEERING Thesis Advisor: _____

Admission Date: _____ Date Submitted: _____

Graduates must complete at least 135 units of graduate course work before the end of their 3rd year.

a. Required Seminar Courses: ESE 104 and ESE 110 abc

| Course # | Instructor | Brief Title | Grade | Units |
|-----------|------------|-------------------------|-------|-------|
| ESE 104 | | Current Research in ESE | | 1 |
| ESE 110 a | | ESE Seminar | | 1 |
| ESE 110 b | | ESE Seminar | | 1 |
| ESE 110 c | | ESE Seminar | | 1 |

b. Required Core Courses: ESE 101, 102 and 103

| Course # | Instructor | Brief Title | Grade | Units |
|----------|------------|-------------------------------|-------|-------|
| ESE 101 | | Earth's Atmosphere | | 9 |
| ESE 102 | | Earth's Oceans | | 9 |
| ESE 103 | | Earth's Biogeochemical Cycles | | 9 |

c. 36 units in elective courses (classes must be from 2 of the 3 groups):

Environmental Biology (ESE/Ge 166, ESE/Bi 168, Ge/ESE 170),

Environmental Chemistry (ESE/Ge/Ch 171, ESE 175, ESE 176),

Environmental Physics (ESE 130-138, Ge/ESE 139, Ge/ESE 150, ESE/ChE 158)

| Course # | Instructor | Brief Title | Grade | Units |
|----------|------------|-------------|-------|-------|
| | | | | 9 |
| | | | | 9 |
| | | | | 9 |
| | | | | 9 |

d. Additional elective courses in ESE or related disciplines to make up difference. Of the required 135 units, not more than 45 units may be in research (ESE 106, 300). No more than 27 research units may be taken during the first year of graduate study.

| Course # | Instructor | Brief Title | Grade | Units |
|----------|------------|-------------|-------|-------|
| ESE 106 | | | | |
| ESE 300 | | | | |
| | | | | |
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| | | | | |

e. Equivalent Experience

| Course # | Instructor | Brief Title | Grade | Units |
|------------|------------|---|-------|-------|
| Ge 108 | | Applications of Physics to the Earth Sciences | | |
| Ge/ESE 118 | | Methods in Data Analysis | | |
| | | | | |

Signatures:

Thesis Advisor: _____

Date: _____

Research Advisor: _____

Date: _____

Environ. Science & Engineering Option Representative: _____

Date: _____