

# 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 3<sup>rd</sup> 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				

**e. Equivalent Experience**

Course #	Instructor	Brief Title	Grade	Units
Ge 108		Applications of Physics to the Earth Sciences		
Ge/Ay 117		Bayesian Statistics and Data Analysis		

Signatures:  
Thesis Advisor: \_\_\_\_\_

Date: \_\_\_\_\_

Research Advisor: \_\_\_\_\_

Date: \_\_\_\_\_

Environ. Science & Engineering Option Representative: \_\_\_\_\_

Date: \_\_\_\_\_

List TAC committee members: \_\_\_\_\_

Date of your most recent TAC meeting: \_\_\_\_\_