DEPARTMENT OF ECOLOGY, EVOLUTION AND MARINE BIOLOGY
http://www.lifesci.ucsb.edu
College of Letters and Science
University of California, Santa Barbara

Student Name: _____ Perm: _____

MASTER OF SCIENCE – ECOLOGY, EVOLUTION AND MARINE BIOLOGY – 2022-23
Plan II – Comprehensive Examination

In addition to departmental requirements, candidates for graduate degrees must fulfill University requirements described in the "Graduate Education" section of the UCSB General Catalog.

Candidates for the Master of Science degree in EEMB must fulfill the minimum lower-and upper-division requirements or their equivalents for the major in their field of emphasis. Students admitted with deficiencies must rectify them early in their graduate studies. Core courses must be completed with a grade of B or better.

A major area of study must be selected from the list of specialized areas presented below. A minor area of study may be selected from this list or from an appropriate discipline in another department.

1. *Ecology with Ecosystem, Evolutionary, Physiological, Plant Community, or Population emphases*
2. *Algal Physiology, Ecology and Systematics*
3. *Behavioral Ecology*
4. *Biology of Arthropods*
5. *Biology of Plants*
6. *Biology of Deep Sea Animals*
7. *Biological Oceanography*
8. *Bioluminescence*
9. *Ichthyology*
10. *Invertebrate Biology*
11. *Limnology*
12. *Macroevolution*
13. *Mathematics Biology*
14. *Parasitology*
15. *Plant Systematics and Evolution (Biochemistry Systematics, Biosystematics, Taxonomy)*
16. *Population Genetics*
17. *Stream Ecology*
18. *Vertebrate Evolution, Morphology, and Systematics*
19. *Comparative Physiology*
20. *Endocrinology*
21. *Pharmacology*
22. *Biogeography and Macroecology*

Masters candidates must form a committee in their first year. They should consult with their major professor in determining who would be the most appropriate committee members.

At a minimum, the committee will consist of three faculty.

GRADUATE COURSEWORK (36.0 units total)

A minimum of **36.0 units** are required, as described below. at least 24 units must be in the 200 and 500 series, excluding 597, 598 and TA courses (500, 501, 502). No more than half the graduate-level units may be in 596 courses.

SEMINAR FOR NEW GRADUATE STUDENTS (2.0 units total)

This seminar is designed to familiarize new graduate students with the EEMB faculty and the diversity of research being conducted in the department and to provide a forum for interactions among new graduate students. It is *required* of all incoming graduate students unless special circumstances prevent attendance.

COURSE #	COURSE NAME	UNITS	GRADE
EEMB 290	Introduction to Faculty Research	2.0	

EECore GRADUATE CURRICULUM (8.0 units total)

COURSE #	COURSE NAME	UNITS	GRADE
EEMB 508	Levels of Biological Organization I: Individuals & Populations	4.0	
EEMB 509	Levels of Biological Organization II: Communities & Ecosystems	4.0	

Electives (26.0 units total)

These units may be taken in graduate or upper-division courses offered by the department; Courses outside the department may be substituted upon written approval of the student's advisory committee.

COURSE #	COURSE NAME	UNITS	GRADE

TA REQUIREMENT

All masters candidates must qualify for and hold a teaching assistantship for the equivalent of two quarters during some point in the graduate career in order to obtain teaching experience. Associated with this are two training courses that must be taken at least once. These are:

COURSE #	COURSE NAME	UNITS	GRADE
EEMB 500	Campus Orientation. This is a one-day seminar offered once a year in the fall.	1.0	
EEMB 502	Teaching Techniques Offered fall and winter quarters. This must be taken prior to or concurrent with a student's first TAship. *Please note: This course is offered by MCDB in fall, and EEMB in winter. This may be taken in the winter of the student's first year, rather than fall, even if TAing for the first time in the fall of that year.*	2.0	
EEMB 501	Additionally, a student may receive course credits for TAing. To get this credit a student must register for EEMB 501. This has a variable number of units (1-4), depending on the time commitment of the TAship. A 50% time TAship is worth 4 units.	1.0-4.0	

CAPSTONE REQUIREMENT

All students are expected to pass a comprehensive examination. Required coursework must be completed by the end of the quarter in which the examination is completed. The student's Master's Committee administers the comprehensive examination, and certifies the completion of required coursework.

M.S. II Committee: Chair: _____

Member: _____

Member: _____

Comprehensive Exam passed: _____
(mm/dd/yy)

M.S. II DEGREE REQUIREMENTS SATISFIED: _____
Quarter/Year

DEPT GRADUATE ADVISOR SIGNATURE: _____

_____
Print Name

FOR GRADUATE DIVISION USE ONLY	
Admission status	
Residence requirement-minimum 3 quarters (*verify departmental requirement)*	
Required units completed	
Language requirement Satisfied *(if required)*	
No grades of I, NR, or NG	
3.0 or better GPA overall	
Registered quarter of degree or Filing Fee LOA: _____	
Master's Form I / COI and committee entered	
Master's Thesis date received *(signature page/e-filed and entered in SReg)*: _____	
Master's Thesis Submission Fee: _____	
ProQuest ID _____ Permission Ltrs uploaded?_____	
Master's Degree Awarded *(mm/dd/yy)*	