



DONALD BREN SCHOOL OF ENVIRONMENTAL SCIENCE & MANAGEMENT

**EXAMPLE PROGRAM OF STUDY—COASTAL MARINE RESOURCE MANAGEMENT
CLASS OF 2010**

*****This is only an example to help guide you in developing your own POS. The specific courses that you include will differ depending on your background, interests, and goals! In addition, you may have more, less and/or different sections and more or less classes in each section*****

STUDENT:		PERM #:	
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SPECIALIZATION:	COASTAL MARINE RESOURCES MANAGEMENT
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CORE COURSES:

COURSES	SUBSTITUTION	UNITS	GRADE
ESM 200 Case Studies		0.5	
ESM 201 Ecology of Managed Ecosystems		4	
ESM 202 Env. Biogeochemistry		4	
ESM 203 Earth System Science		4	
ESM 204 Econ Env. Mgmt		4	
ESM 206 A,B Stats & Data Analysis		4	
ESM 207 Env. Law & Policy		4	
ESM 210 Strategic Mgmt		4	
ESM 241 Env Politics and Policy		2	
ESM 251 Intro to Policy Analysis		2	

GROUP PROJECT	UNITS	GRADE
ESM 401A (Spring Quarter Yr 1)	4	
ESM 401B (Fall Quarter)	4	
ESM 401C (Winter Quarter)	4	

TOTAL CORE UNITS	44.5
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INDIVIDUAL PROGRAM OF STUDY

MINIMUM NUMBER OF UNITS: **81- #CORE UNITS = 36.5**

APPROVAL FOR PROGRAM OF STUDY:

Faculty Advisor Specialization	Chris Costello	Signature:	Date:
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TOTAL POS UNITS (NOT TO EXCEED 81- # CORE UNITS + 4.5) = 41**	36.5-40
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*****This does not mean you cannot take more than this. It just means that you only include in the POS section the minimum acceptable set of coursework to develop adequate depth in your specialization.***

NUMBER OF COURSES:	1	Of	1
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SECTION 1: ESSENTIAL COURSE FOR SPECIALIZATION

COURSE #:	COURSE TITLE:	UNITS	GRADE
ESM 260	Applied Marine Ecology	4	

TOTAL UNITS:	4
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NUMBER OF COURSES:	1	Of	3
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SECTION 2: MARINE SCIENCE/OCEANOGRAPHY

COURSE #:	COURSE TITLE:	UNITS	GRADE
ESM 254	Coastal Marine Ecosystem Processes	4	
EEMB 243	Biological Oceanography	4	
Geog 263	Physical Oceanography	4	
EEMB 142A	Aquatic Communities	4	

TOTAL UNITS:	4
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NUMBER OF COURSES:	1	Of	2
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SECTION 3: COASTAL MARINE POLICY/MGMT

COURSE #:	COURSE TITLE:	UNITS	GRADE
ESM 257	Coastal Marine Policy	4	
ESM 259	Law of Coastal Zone Management	4	

TOTAL UNITS:	4
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NUMBER OF COURSES:	1	of	3
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SECTION 4 TECHNICAL TOOLS

COURSE #:	COURSE TITLE:	UNITS	GRADE
ESM 232	Environmental Modeling	4	
ESM 263	GIS	4	
EEMB 279	Modeling Environmental and Ecological Change	4	

TOTAL UNITS:	4
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NUMBER OF COURSES:	2-3	Of	4
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SECTION 4: ECONOMICS, LAW, AND POLICY

COURSE #:	COURSE TITLE:	UNITS	GRADE
ESM 242	Natural Resource Economics and Policy	4	
ESM 245	Cost Benefit Analysis	4	
ESM 277	Law of Environmental Management	4	
ESM 294	Advanced Topics in Environmental Law	2	

TOTAL UNITS:	6-8
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NUMBER OF COURSES:	2	Of	4
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SECTION 5: SCIENTIFIC DEPTH

COURSE #:	COURSE TITLE:	UNITS	GRADE
ESM 211	Applied Population Ecology	4	
ESM 270	Conservation Planning	4	
ESM 217	Restoration Ecology	4	
ESM 235	Watershed Analysis	4	

TOTAL UNITS:	8
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NUMBER OF COURSES:	1-2	Of	4
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SECTION 6: ADDITIONAL PERSPECTIVE

COURSE #:	COURSE TITLE:	UNITS	GRADE
ESM 280	Organizations and Environmental Leadership	4	
ESM 276	Ethical Decision Making for the Environment	4	
ESM 283	Environmental Negotiation	4	
ESM 297	Advanced Topics in Environmental Policy	2	
ESM 595	Seminar in Fisheries Ecology & Management	2	

TOTAL UNITS:	6-8
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