

BREN SCHOOL OF ENVIRONMENTAL SCIENCE & MANAGEMENT

http://www.bren.ucsb.edu
University of California, Santa Barbara

**Corporate Environmental Management (CEM)
Sample Program of Study (POS) Form**

*****First year MESM students use the POS Form to plan a program of study at Bren.
Second year MESM students will revise the POS Form AND complete a GRAD CHECK FORM prior to
meeting with your specialization advisor.*****

NAME: _____ **PERM # (required) :** _____

SPECIALIZATION(S): _____

- A **MINIMUM of 80 units** of completed (approved) coursework is required.
- Students may count a **MAXIMUM of 4 units** of ESM 596 towards their POS unit count.
- Students may count a **MAXIMUM of 8 units** of UPPER DIVISION undergraduate coursework as approved their advisor(s) towards their POS unit count. Note: LOWER DIVISION coursework can never be counted.
- Students may count a **MAXIMUM of 4 units** of 400-level coursework (in addition to 401ABC) towards their POS unit count.
- If a CORE course is waived, the units need to be made up with additional elective courses.

CORE REQUIREMENTS:

CORE COURSES	QTR/YR COMPLETED <small>Write waived if waiver approved and do not count the units</small>	UNITS	GRADE
ESM 201 Ecol. of Managed Ecosystems		4	
ESM 202 Environmental Biogeochemistry		4	
ESM 203 Earth Systems Science		4	
ESM 204 Econ. Environmental Management		4	
ESM 206AB Stats & Data Analysis		4	
ESM 207 Environmental Law & Policy		4	
ESM 210 Business & the Environment		4	
ESM 241 Environmental Politics & Policy		2	
ESM 251 Intro to Env. Policy Analysis		2	

GROUP PROJECT OR ECO-ENTREPRENEURSHIP PROJECT (CORE REQUIREMENT)

GROUP PROJECT (CORE REQUIREMENT)	UNITS	GRADE
ESM 401A (Spring of 1 st year)	4	
ESM 401B (Fall of 2 nd year)	4	
ESM 401C (Winter of 2 nd year)	4	

OR

ECO-ENTREPRENEURSHIP PROJECT	UNITS	GRADE
ESM 402A (Spring of 1 st year)	4	
ESM 402B (Fall of 2 nd year)	4	
ESM 402C (Winter of 2 nd year)	4	

Total CORE Units | 44 - waived units = |

POS ELECTIVE UNITS:

- Minimum POS elective units = 80 Units - # CORE Units.
- Unless you have waived a course this will be 80 – 44 = 36 minimum POS elective units.
- POS elective units consist of coursework that builds depth in the student’s specified area of specialization.
- Students may take *up to 8 units* of POS elective coursework as P/NP (undergraduate course numbers 100-199) or S/U (grad course numbers 200 and above)
- Students may wish to take additional elective units that are not included in the POS. All of these units may be taken S/U or P/NP.

The POS is designed specifically for the chosen specialization **and** the student’s particular background and goals. An acceptable POS includes courses that build depth in a particular area of specialization and also develop technical skills. MESM students are encouraged to identify different areas they wish to gain more knowledge and skill.

POS Elective COURSES: Please list all courses you are considering taking.

Please visit <http://bren.ucsb.edu/academics/MESM.html#specializations> and click on the accompanying link to view course work recommended for your specialization.
Please visit <http://bren.ucsb.edu/services/student/index.html> to see sample POS Forms for each specialization.

ESSENTIAL: STRONGLY RECOMMENDED TO TAKE THE FOLLOWING KEY COURSES FOR THE SPECIALIZATION

COURSE #	COURSE TITLE	QTR/YR COMPLETED	UNITS	GRADE
ESM 245	Cost Benefit Analysis		4	
ESM 273	Life Cycle Assessment		4	
ESM 281	Corporate Environmental Management		4	

Add rows as needed

Total Section 1 ELECTIVE Units	12
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BUSINESS SKILLS: RECOMMENDED TO TAKE AT LEAST ONE COURSE IN THIS CATEGORY

COURSE #	COURSE TITLE	QTR/YR COMPLETED	UNITS	GRADE
ESM 242	Natural Resource Economics and Policy		4	
ESM 279	Financial Management and Environmental Accounting		4	
ESM 280	Organizations and Environmental Leadership		4	
ESM 283	Environmental Negotiations		4	
ESM 285	Environmental Markets		4	
ECON 234A	Introduction to Finance		4	
ECON 237	Financial Management		4	
ECON 273A	Managerial Accounting		4	
ENGR 240	Business Strategy and Leadership Skills		4	

Add rows as needed

Total Section 2 ELECTIVE Units	4-16
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ENTREPRENEURSHIP: RECOMMENDED TO TAKE AT LEAST ONE COURSE IN THIS CATEGORY

COURSE #	COURSE TITLE	QTR/YR COMPLETED	UNITS	GRADE
ESM 256A	Introduction to Entrepreneurship		2	
ESM 256B	New Venture Opportunity Analysis		4	
ESM 402A	New Venture Formation		4	
ENGR 240	Business Strategy and Leadership Skills		4	
ENGR 241	Managing for Innovation		4	
ENGR 244	Entrepreneurial Marketing		2	
ENGR 246	New Venture Finance		2	
ENGR 250	Managing Operations		2	

Add rows as needed

Total Section 3 ELECTIVE Units	4-16
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LIFE CYCLE ASSESSMENT AND ENERGY INNOVATION: RECOMMENDED TO TAKE AT LEAST ONE COURSE IN THIS CATEGORY

COURSE #	COURSE TITLE	QTR/YR COMPLETED	UNITS	GRADE
ESM 271	Carbon Footprint and Carbon Accounting		2	
ESM 272	Energy and Resource Productivity		4	
ESM 282	Industrial Ecology		4	
ESM 288	Energy, Technology, and the Environment		4	

Add rows as needed

Total Section 4 ELECTIVE Units	4-16
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400-LEVEL ELECTIVES: A MAXIMUM OF 4-UNITS MAY COUNT TOWARDS 80 UNIT MINIMUM

COURSE #	COURSE TITLE	QTR/YR COMPLETED	UNITS	GRADE
ESM 440	Advance Environmental Communication		2	

Add rows as needed

Total Section 4 ELECTIVE Units	2
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ADD ADDITIONAL SECTIONS ABOVE AS APPROPRIATE FOR YOUR POS

Total POS ELECTIVE Units	Minimum of 36
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TOTAL (CORE + POS ELECTIVE) UNITS = _____
(must be at least 80)

