

# Schedule for Students Pursuing an Eco-Entrepreneurship Focus

**Purple** = Bren core course  
**Red** = Elective for Specialization

**Blue** = Elective for all Eco-Ent students  
**Green** = Elective for GPMP certificate

Year 1	Fall	Winter	Spring
	Career Workshop (0) Stats Workshop (0)	ESM 202 (4) Env Biogeochemistry	ESM 206B (2) Stats and Data Analysis
	ESM 201 (4) Ecology of Managed Ecosystems	ESM 204 (4) Econ of Env Mgmt	ESM 207 (4) Env Law and Policy
	ESM 203 (4) Earth System Science	ESM 206A (2) Stats and Data Analysis	ESM 401A Group Project (4)
	ESM 210 (4) Business and the Env	ESM 241 (2) Env Politics and Policymaking	
	ESM 251 (2) Intro to Policy Analysis	ESM 437 Writing Skills for Env Professionals (2) LINKS CLASS TO 241	ENGR 291B (2) New Venture Finance <b>AND</b> ENG 291A (2) Entrepreneurial Marketing <b>OR</b> Biennial Specialization Elective
	ENGR 285B (4) New Venture Creation <b>(MUST TAKE THIS QUARTER)</b>	ESM 274 (4) Competitive Advantage <b>(MUST TAKE THIS QUARTER)</b>	
	<i>Note: You will have to defer either 201 or 203 to your 2<sup>nd</sup> year unless you are capable of managing an extremely heavy load AND you have a strong statistics background and do not need to participate in the stats review workshop.</i>	<i>Note: ESM 437 is an optional elective but should be taken if you do not have strong writing skills.</i>  <i>You may defer either 241/437 or 202 to 2<sup>nd</sup> year if: 1) you need to take 437 and you feel that you can not manage 18 units or; 2) there is an important biennial specialization elective that you need to take.</i>	<i>207 may be deferred to the 2<sup>nd</sup> year if you want to maintain an average course load.</i>  <i>Note: Ideally, 291A&amp;B will be taken this quarter, but if there is an important biennial specialization elective that you should take then you can put them off to next fall</i>
Year 2 ECO-ENT STUDENTS	Fall	Winter	Spring
	ESM 201 or 203 (4) <b>(if deferred)</b>	ESM 202 or ESM 241 ESM/437 <b>(if deferred)</b>	ESM 207 <b>(if deferred)</b>
	ENGR 291B (2) New Venture Finance <b>AND</b> ENG 291A (2) Entrepreneurial Marketing <b>(if not taken prior spring)</b>		Business Plans Competition
	Group Project (4)	Group Project (4)	
	Specialization Elective(s)	Specialization Elective(s)	Specialization Elective(s)
Year 2 ECO-ENT/ GPMP STUDENTS	Fall	Winter	Spring
	ESM 201 or 203 (4) <b>(if deferred)</b>	ESM 202 or ESM 241, ESM/437 <b>(if deferred)</b>	
	ENGR 291B (2) New Venture Finance <b>AND</b> ENG 291A (2) Entrepreneurial Marketing <b>(if not taken prior spring)</b>		Business Plans Competition
	Group Project (4)	Group Project (4)	
	285E: Managing Innovation (4)	285A: Art of Being a CEO— Business Skills for Future Leaders (4)	
	Specialization Electives	Specialization Elective(s)	Specialization Elective(s)

## Unit Distribution for Students Pursuing Eco-Ent

**Minimum number required by University to graduate = 81**

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Eco-Ent Students	Bren Core/Group	Eco-Ent Electives	Specialization Electives  21 # required to achieve the min 81 unit requirement + <b>TBD1</b> additional # of units required for an adequate POS for the specialization <i>(Note: if CEM then this is likely to be 0-4 but if another specialization then it is likely to be at least 4-8)</i>	Total Units
Total	44	16	21 + TBD1	81 + TBD1
Eco-Ent/GPMP Students	Bren Core/Group	Eco-Ent/GPMP Electives	Specialization Electives  13 # required to achieve the min 81 unit requirement + <b>TBD2</b> additional # of units required for an adequate POS for the specialization <i>(Note: if CEM then this is likely to be 4-8 but if another specialization then it is likely to be = at least 12-16)</i>	
Total	44	24	21 + TBD2	81 + TBD2
<p><b>WARNING:</b> If you pursue eco-ent it is very likely you will have to take more than 81 units to have an acceptable POS. If you pursue the GPMP certificate, you will have to take quite a bit more than 81 units, especially if your specialization is not CEM.</p>				

## Technology Management Program (TMP) Offerings 2009-10

Note: winter/spring are projections based on past year

Fall	Winter	Spring
<b>Required Course Work for Eco-Ent Students</b>		
285B: New Venture Creation— Entrepreneurship (4)	285B: New Venture Creation— Entrepreneurship (4)	285B: New Venture Creation— Entrepreneurship (4)
291A: Entrepreneurial Marketing (2)	285D: New Product Development (4)	291A: Entrepreneurial Marketing (2)
291B: Entrepreneurial Finance (2)	291A: Entrepreneurial Marketing (2)	291B: Entrepreneurial Finance (2)
Fall	Winter	Spring
<b>Additional Required Courses for GPMP Certificate</b>		
285A: Art of Being a CEO—Business Skills for Future Leaders (4)	285A: Art of Being a CEO— Business Skills for Future Leaders (4)	285A: Art of Being a CEO—Business Skills for Future Leaders (4)
285E: Managing Innovation (4)		
Students are encouraged to explore other electives offered by the TMP program since some may be of interest and value to Eco-Ent students such as 291E: Project and Operations Mgmt & 291C: So You Want to Be Technology Manager. Please see the <a href="http://www.tmp.ucsb.edu/curriculum/curriculum.html">TMP Website</a> : <a href="http://www.tmp.ucsb.edu/curriculum/curriculum.html">http://www.tmp.ucsb.edu/curriculum/curriculum.html</a>		