

Course: EES92

1. Date of Application: 11/28/201
2. Name, Dept of Proposer: Carla Bossard, ES&S
3. Name of Dept/Program housing course: Environmental Science and Studies Program
4. Name of Chair/PD: Carla Bossard
5. How often is the course taught:yearly
6. Course Prerequisites:(an Area B course)
7. Unit value of course:1
- 8: Normal Class Size: 20
9. Number of sections expected Fall 2012:1
10. Number of sections expected Spring 2013:0
11. Is the course appropriate for first-year students: Yes
12. Relevant Learning Goal(s):Scientific Understanding, Common Good
13. Chair will oversee submission of student work: Yes
14. Chair will oversee instructor participation in norming/asst: Yes

15. Teaching: Students in Environmental Sustainability, EES 92, learn in lecture how the Biosphere functions and the scientific principles underlying environmental sustainability. In the laboratory students make observations and do experiments that lead them to understand the interconnectedness of life on earth and why it is critically important for all people to work towards keeping earth's environment sustainable.

16. Learning: Students will have three exams during the semester to assess their scientific understanding of environmental sustainability. Students do five experiment reports that are assessed for accuracy and development of knowledge of the specific topics relating to environment, ie. soils and biogeochemistry, and how to measure various parameters of physical environment.