

OUTCOMES

Each Geography BA and BS graduate on completion of their degree will have achieved the following learning outcomes to a satisfactory level as judged by the appropriate performance indicators established for use in the program assessment of student achievement.

- ❑ Each student has developed a broad and deep understanding of the critical factors and fundamental concepts of the discipline of Geography.
- ❑ Each student has the ability to communicate orally and in writing.
- ❑ Each student has a solid understanding of regional and global affairs.
- ❑ Each student is familiar with the urban and rural geography of the Bay Area.
- ❑ Each student is able to prepare, use and interpret maps and other spatial data with and without the aid of computers.

Each Geography MA graduate on completion of their degree will have achieved the following learning outcomes to a satisfactory level as judged by the appropriate performance indicators established for use in the program assessment of student achievement.

- ❑ Each student will have developed advanced written and communication skills.
- ❑ Each student will demonstrate the ability to independently and rapidly formulate and conduct thorough and insightful research using a range of literary tools.
- ❑ Each student will have acquired advanced research skills.
- ❑ Each student will exhibit substantial expertise concerning a particular geographic problem, process and/or region.
- ❑ Each student will have prepared one or more mentored research project reports or research thesis.

Each Environmental Studies BA graduate on completion of their degree will have achieved the following learning outcomes to a satisfactory level as judged by the appropriate performance indicators established for use in the program assessment of student achievement.

- ❑ Each student recognizes his or her own potential to function as a professional Environmental Manager (whether he or she chooses to become one or not).
- ❑ Each student has acquired a basic knowledge of politics, law, economics, biology, chemistry, geography & geology.
- ❑ Each student has the ability to communicate orally and in writing.
- ❑ Each student has the ability to solve basic quantitative problems.
- ❑ Each student is familiar with the practical/field dimensions of a range of Bay Area environmental problems and issues.
- ❑ Each student has the ability to assist in the preparation of and to critically review EIRs/EIAs.
- ❑ Each student has a solid understanding of the key interrelationships between society, the economy and the environment.

INSTRUMENTS

Entrance interview (soon after declaring major – obligatory for all majors)

- W/ major advisor
- Entrance survey - a semi-structured interview conducted by instructor assessing student levels of interest and knowledge about geography and environment as relevant
- Self assessment - student develops self assessment of perceived strengths, weaknesses, and experience with writing, oral presentation, quantitative work, environmental and geographic subject areas within curriculum offered at CSUH
- Start portfolio, include writing sample from before major

Portfolio (graded projects from the following courses)

- Quantitative analysis from Eenvt 3400
- Computing: projects from Eenvt 3400 and Geog 4600
- EIR work from Eenvt 4100 for Eenvt majors
- Computer and other relevant map work/graphical projects for Geog majors
- Oral presentation: overheads and evaluation forms from presentations in Geog 3450 + Eenvt 4800)
- Subject area mastery (Finals and papers from 2000 or 3000 for Eenvt students, project from Geog 2410 from geography students, and papers from Eenvt/Geog 4800)
- Subject area experience: Internship paper from Eenvt 4910 for Eenvt students
- Writing skills: Papers from Geog 3450, Eenvt 4300 and Eenvt/Geog 4800
- Portfolio reviewed as part of exit interview/filing for graduation

Exit Interview (on filing for graduation)

- W/ major advisor

- Portfolio review (see above) – review of portfolio with student (see above)
- Exit survey - a semi-structured interview conducted by instructor assessing student levels of interest and knowledge about geography and environment as relevant and as covered in entrance survey.
- Self assessment - student develops self assessment of perceived strengths, weaknesses, and experience with writing, oral presentation, quantitative work, environmental and geographic subject areas within curriculum offered at CSUH (can be administered in Envt/Geog 4800)
- Student department assessment questionnaire (can be administered in Envt/Geog 4800)