Program Proposal
Form B

<table>
<thead>
<tr>
<th>Academic Group (College):</th>
<th>Date of Submission to College Dean:</th>
</tr>
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<tbody>
<tr>
<td>SSIS</td>
<td>09/02/09</td>
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<tr>
<th>Academic Organization (Department):</th>
<th>Requested Effective: Fall___x___, Spring_____, 2010____.</th>
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<tbody>
<tr>
<td>Environmental Studies</td>
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<table>
<thead>
<tr>
<th>Department Chair:</th>
<th>Contact if not Department Chair:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dudley Burton</td>
<td></td>
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<table>
<thead>
<tr>
<th>Title of the Program (Please be specific; indicate minor, undergraduate or graduate degree, etc.):</th>
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<tbody>
<tr>
<td>ENVS undergraduate minor</td>
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<table>
<thead>
<tr>
<th>Type of Program Proposal:</th>
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<tbody>
<tr>
<td><em><strong>x</strong></em> Modification in Existing Program:</td>
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<tr>
<td><em><strong>x</strong></em> Substantive Change</td>
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<tr>
<td>___ Non-Substantive Change</td>
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<tr>
<td>___ Deletion of Existing Program</td>
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<tr>
<th>___ New Programs</th>
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<tbody>
<tr>
<td>___ Initiation (Projection) of New Program on to Master Plan</td>
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<tr>
<td>___ New Degree Programs</td>
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<tr>
<td>___ Regular Process</td>
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<td>___ Fast Track Process</td>
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<td>___ Pilot Process</td>
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<tr>
<td>___ New Minor, Concentration, Option, Specialization, Emphasis</td>
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<tr>
<td>___ New Certificate Program</td>
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PLEASE NOTE: Form B is to be used only as a Cover Form. Additional information is requested for each of the above as noted in the corresponding procedure in the Policies and Procedures for Initiation, Modification, Review and Approval of Courses and Academic Programs found at [http://www.csus.edu/umanual/acad.htm](http://www.csus.edu/umanual/acad.htm)

Briefly describe the program proposal (new or change) and provide a justification.

Changes to the minor are proposed to give students more flexibility in completing the minor, at the same time that we concentrate more of their units in ENVS courses and give the program some sorely needed structure. Previously, students were required to choose courses from groupings that had no strong commonalities. Moreover, students could complete the minor taking as few as 3 Environmental Studies courses, two of these in lower-division. The course requirements are now clustered around several core competencies, with a much stronger emphasis on ENVS courses, as follows:

1) lower-division survey courses in environmentally related disciplines (2 ENVS courses required)
2) upper-division environmental policy/law (1 ENVS course required)
3) upper-division environmental science (1 ENVS course required)
4) methods (ENVS course as option)
5) additional breadth in social science OR natural science courses (ENVS course as option)

We anticipate no fiscal impact of these changes because virtually all courses offered were formerly offered as options for the minor, and/or are offered for the major; and because only about 7 students per year complete an ENVS minor.
Approvals:
Department Chair: [Signature] Date: 2 Oct 09
College Dean: [Signature] Date: 11.2.07
University Committee: 
Associate Vice President and Dean for Academic Affairs: 
Date: 

09/10/2008
<table>
<thead>
<tr>
<th>CURRENT minor.</th>
<th>PROPOSED minor</th>
<th>JUSTIFICATION</th>
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<tbody>
<tr>
<td>Units Course</td>
<td>Units Course</td>
<td></td>
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<tr>
<td>(3) BIO 10</td>
<td>(3) BIO 10</td>
<td></td>
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<tr>
<td>(3) ENVS 10</td>
<td>(3) ENVS 10, 12, or 110</td>
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<tr>
<td>(3) ENVS 111</td>
<td>(3) ENVS 111</td>
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<tr>
<td>(3) ECON 1A</td>
<td>(3) ECON 1B</td>
<td>see note 1</td>
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(3) Select one of the following:
(3) ENVS 112
(3) ENVS 128
(3) ENVS 171
|****|****|****|

(3-5) Select one of the following:
(5) BIO 1
(5) BIO 2
(3) BIO 102
(3) BIO 157
(3) BIO 160
(3) BIO 162
(3) BIO 165
(3) BIO 166
|****|****|****|****|****|****|****|****|
|****|****|****|****|****|****|****|****|

(1) Select one of the following:
****
(1) BIOL 186B
****
(1) ENVS 187

(3) Select one of the following:
(3) CHEM 106
(3) ENVS 120
(3) ENVS 121
(3) ENVS 130
(3) ENVS 175
(3) GEOG 109
(3) GEOG 111
(3) GEOG 113
(3) GEOG 115
(3) GEOL 10
|****|****|****|****|****|****|****|****|
|****|****|****|****|****|****|****|****|
(3) Select one of the following (1-3) Select one of the following: see note 6

(3) ECON 110
(3) ECON 123
(3) ECON 162
(3) ENVS 122
(3) ENVS 195
(3) ENVS 199

****
(3) ENVS 124
(3) SOC 138
(3) HIST 165
(3) GEOG 147
(3) GEOG 148
(3) GEOG 161
(3) GOVT 180
(3) RPTA 148
(3) RPTA 153
(3) BIOL 103
(3) BIOL 112
(3) BIOL 118
(3) BIOL 173
(3) BIOL 179
(3) BIOL 117
(3) BIOL 157
(3) BIOL 172
(3) BIOL 162
(3) BIOL 164
(3) BIOL 165
(3) BIOL 166
(3) BIOL 168
(3) BIOL 169
(3) GEOG 109
(3) GEOG 107
(3) GEOG 119
(3) GEOG 111
(3) GEOG 113
(3) GEOG 115
(3) GEOG 116
(3) GEOG 118
(3) RPTA 153
(3) GEOL 127
(3) GEOL 140
(3) GEOL 130

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see note 7

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Notes
1. Econ 1B is a prerequisite for UD econ courses relevant to major/minor
2. New major has 128-171-122 as substitutable; this change reflects that
3. Formerly a "bioscience" requirement; now an ENVS science requirement
4. One-unit seminars of contemporary interest have been popular but not required
5. Formerly a "methods/science" requirement; now more explicitly about methods
6. All other electives from non-ENVS departments are now placed here
7. Internship and research options still electable in ENVS minor
8. 1-unit increase due to addition of seminar; variability due to internship/research