# Course Change Proposal
## Form A

**Academic Group (College):** SSIS  
**Academic Organization (Department):** Anthropology  
**Date:** 4/16/2007  
**Department Chair:** Dr. D Zeanah  
**Submitted by:** R J Sullivan

<table>
<thead>
<tr>
<th>Type of Course Proposal:</th>
<th>For Catalog Copy: Yes <em>X</em> No ___</th>
<th>Semester Effective: Fall ___ Spring <em>X</em>, 2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>New <em>X</em> Change ___ Deletion ___</td>
<td>CCE: Yes ___ No X ___</td>
<td></td>
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</tbody>
</table>

**Does this course fulfill a requirement for single-subject or multiple subject credential students?** Yes ___ No _X_.

**This course replaces experimental course Subject Area (prefix) and Catalog Number (course number):**

**This Catalog Number (course number) is being replaced:**

**Change from:**

<table>
<thead>
<tr>
<th>Subject Area (prefix) &amp; Catalog No. (course no.):</th>
<th>Title: Evolutionary Medicine</th>
<th>Units: 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 153</td>
<td></td>
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</table>

**Change to:**

<table>
<thead>
<tr>
<th>Subject Area (prefix) &amp; Catalog No. (course no.):</th>
<th>Title</th>
<th>Units:</th>
</tr>
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</table>

**JUSTIFICATION:**

This course is being offered to expand the electives available to majors and non-majors in Anthropology. The new course offering reflects the specialization of the faculty member and will meet high student interest in the subject matter. The course will provide: 1) a physical anthropology offering that will satisfy the elective requirement in the Department for undergraduates, 2) an introduction to a rapidly growing area of theory development and research in physical anthropology, and 3) interdisciplinary subject material that will attract majors from other departments and colleges.

**NEW COURSE DESCRIPTION:** (Not to exceed 80 words, and language should conform to catalog copy. See http://www.csus.edu/acaf/univmanual/crspsl.htm - Guidelines for Catalog Course Description)

Introduction to the application of evolutionary theory to human health and disease. Evolutionary medicine is a rapidly growing interdisciplinary specialization utilizing insights from evolutionary theory and human evolutionary ecology to inform understandings of human health, development and disease; and also to critique existing biomedical theory about the human condition. Topics include reproduction, child birth, lactation, growth and development, infectious diseases, parasites, diet and nutrition, mental and behavioral disorders, and substance use and addiction. 3 units.

**Note:**

Prerequisite: ANTH 001, BIO 010, BIO 011, or PSYC 001 recommended

Corequisite:

**CAN (California Articulation Number):**

<table>
<thead>
<tr>
<th>Graded: Letter <em>X</em> Credit/No Credit</th>
<th>Instructor Approval Required? Yes ___ No <em>X</em></th>
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</thead>
<tbody>
<tr>
<td>Course Classification (e.g., lecture, lab, seminar, discussion): C3</td>
<td>Title for SIS+/CMS (not more than 30 characters)</td>
</tr>
<tr>
<td>lecture/composition</td>
<td>Evolutionary Medicine</td>
</tr>
</tbody>
</table>

**Cross Listed?**

| Yes ___ No _X_ | If yes, do they meet together and fulfill the same requirement, and what is the other course. |

**How Many Times Can This Course be Taken for Credit?** Once

Can the course be taken for Credit more than once during the same term? Yes ___ No _X_
FOR NEW COURSE PROPOSALS OR SUBSTANTIVE CHANGES ONLY:

Description of the Expected Learning Outcomes: Describe outcomes using the following format: “Students will be able to: 1), 2), etc.”
See the example at http://www.csus.edu/acaI/example.htm

Students will be expected to demonstrate:
1) knowledge of basic evolutionary biological concepts and theory.
2) knowledge of basic neo-Darwinian concepts and theory applicable to human health and disease.
3) an ability to analyze diseases or disorders within an evolutionary framework, and to generate hypotheses and predictions about why particular diseases/disorders exist and manifest.
4) analytical criticism of lecture and reading materials.
5) the development of an argument in written composition.
6) a basic understanding of science writing techniques.

**Attach a list of the required/recommended course readings and activities [Note: it is understood that these are updated and modified as needed by the instructor(s).] This attachment should be forwarded only to your Dean's office, not Academic Affairs.

Assessment Strategies: A description of the assessment strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers) which will be used by the instructor to determine the extent to which students have achieved the learning outcomes noted above:

Student achievement of the learning objectives will be assessed in three ways. Students will complete:
- two critical essays of topics drawn from lectures and readings.
- two short-answer and short-essay examinations of material from lectures and readings.

Learning outcomes:
- Learning outcomes #1, #2 and #3 will be specifically assessed with regard to knowledge demonstrated in student essays and responses to the examination questions.
- Learning outcomes #4 and #5 will be assessed with regard to the students’ ability to use the literature to develop a supported argument in essay composition.
- Learning outcome #5 will be achieved by means of instruction on scientific writing style, the meaning of criticism, the construction of a scholarly argument and the use of references, and will be assessed in essay composition.

For whom is this course being developed?

- Majors in the Dept __X__
- Majors of other Depts __X__
- Minors in the Dept __X__
- General Education __
- Other __

Is this course required in a degree program (major, minor, graduate degree, certificate)? Yes ___ No __X__

If yes, identify program(s):

Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer facilities, faculty, etc.)? Yes ___ No __X__

If yes, attach a description of resources needed and verify that resources are available.

Indicate which department or programs will be affected by the proposed course (if any).

The Department Chair's signature below indicates that affected programs have been sent a copy of this proposal form.

Approvals: If proposed change, new course or deletion is approved, sign and date below. If not approved, forward without signing to the next reviewing authority, and attach an explanatory memorandum to the original copy.

Signatures: Date

Department Chair: ___________ 9/21/07

College Dean or Associate Dean: ______ 9/21/07

CPSP (for school personnel courses ONLY)

Associate Vice President
and Dean for Academic Programs