CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS
COURSE MODIFICATION PROPOSAL

Courses must be submitted by November 9, 2007, to make the next catalog production

DATE (CHANGE DATE IF REVISED): OCTOBER 15, 2007
PROGRAM AREA(S): SOCIOLOGY/PSYCHOLOGY/POLITICAL SCIENCE

1. Catalog Description of the Course. [Follow accepted catalog format.]
(If Cross-listed please submit prefixes for each discipline being modified)

OLD
Prefix SOC/PSY/POLS  Course# 303  Title Statistical Applications in the Social Sciences  Units (3)
2 hours lecture per week
2 hours activity per week

Prerequisites: MATH 105 or equivalent
Corequisites:
Description (Do not use any symbols): This course introduces students to quantitative methods as used in social science research and prepares them for statistical literacy. Students will learn to use descriptive and inferential statistics to test hypotheses. Basic topics covered in the class include graphical representations, central tendency and variability, chi-squared and other nonparametric techniques, correlation and regression, and mean difference tests as applied to research methods and data commonly used in the social sciences. Measurement and psychometric issues unique to social science data will be covered. Students will use SPSS to analyze data. Same is PSY 303, POLS 303.

NEW
Prefix SOC/PSYCH/POLS  Course# 303  Title Statistical Applications in the Social Sciences  Units (4)
4 hours lecture per week

Prerequisites: MATH 105 or equivalent
Corequisites:
Description: This course introduces students to quantitative methods as used in social science research and prepares them for statistical literacy in a lecture/discussion format. Students will be expected to demonstrate a clear understanding of statistical techniques and data analysis unique to the social sciences. Students will learn to use descriptive and inferential statistics to test hypotheses. Basic topics covered in the class include graphic representations, central tendency and variability, chi-squared and other nonparametric techniques, correlation and regression, and mean difference tests as applied to research methods and data commonly used in the social sciences. Measurement and psychometric issues unique to social science data will be covered. Students will use SPSS to analyze data. Same is PSY 303, POLS 303.

2. Mode of instruction (Hours per Unit are set for you)

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<thead>
<tr>
<th>Mode</th>
<th>Existing</th>
<th>Proposed</th>
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<tbody>
<tr>
<td></td>
<td>CS# Units (filled out by Dean)</td>
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</tr>
<tr>
<td>Lecture</td>
<td>2 units</td>
<td>4 units</td>
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<tr>
<td>Seminar</td>
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<tr>
<td>Laboratory</td>
<td>3 hours</td>
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<tr>
<td>Activity</td>
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<tr>
<td>Field Studies</td>
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<tr>
<td>Indep Study</td>
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<tr>
<td>Other blank</td>
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Gen Ed Categories
CR/NC Repeatable for units
A - F Multiple Enrollment in same semester
Lab Fee Required
Optional (Student’s choice)
Hegis Code
Mission Based Learning Objectives: Interdisciplinary International Multicultural Service Learning American Institutions, Title V Section 40404: Government US Constitution US History (Refer to EO 405, for more information at: http://senate.csuci.edu/comm/curriculum/resources.htm
Service Learning Course
3. **Course Content in Outline Form if Being Changed.**  *Be as brief as possible, but use as much space as necessary*

OLD

NEW

4. **Justification and Learning Objectives for the Course.**  *(Indicate whether required or elective, and whether it meets University Writing, and/or Language requirements)   *Use as much space as necessary*

OLD

NEW

5. **References.**  *Provide 3-5 references on which this course is based and/or support it.*

OLD

NEW

6. **Indicate Changes and Justification for Each.**  *Check all that apply and follow with justification.  Be as brief as possible but, use as much space as necessary.*

- Course title
- Prefix/suffix
- Course number
- Units
- Staffing formula and enrollment limits
- Prerequisites/corequisites
- Catalog description
- Course content
- References
- GE
- Other

**Justification:**  As originally proposed (2 hour lecture/2 hour activity) the course meets for four contact hours per week. The students need this contact to master statistical techniques and analysis, but in fact, the two hours of activity is best described currently as lecture with active learning techniques. The amount and difficulty of the material for students necessitates four units of course time. The delivery and not the content of the course will change.

7. **General Education Categories:**  All courses with GE categories notations (including deletions) must be processed at the GE website:  [http://summit.csuci.edu/geapproval](http://summit.csuci.edu/geapproval).  Upon completion, the GE Committee will forward your documents to the Curriculum Committee for further processing.

   **A (English Language, Communication, Critical Thinking)**
   - A-1 Oral Communication
   - A-2 English Writing
   - A-3 Critical Thinking

   **B (Mathematics, Sciences & Technology)**
   - B-1 Physical Sciences
   - B-2 Life Sciences – Biology
   - B-3 Mathematics – Mathematics and Applications
   - B-4 Computers and Information Technology

   **C (Fine Arts, Literature, Languages & Cultures)**
   - C-1 Art
   - C-2 Literature Courses
   - C-3a Language
   - C-3b Multicultural

   **D (Social Perspectives)**
   - E (Human Psychological and Physiological Perspectives)

   **UD Interdisciplinary**

8. **New Resources Required.**  YES ✗ NO ☒
If YES, list the resources needed and obtain signatures from the appropriate programs/units on the consultation sheet below.

a. Computer (data processing), audio visual, broadcasting needs, other equipment)

b. Library needs

c. Facility/space needs

9. Will this course modification alter any degree, credential, certificate, or minor in your program? YES ☒ NO ☐
   If, YES attach a program modification form for all programs affected.

10. Effective Date (Semester and Year – all modifications submitted prior to November 9th will be effective in the Fall 2008 catalog): Fall 2008

     William E. Wagner, III (Sociology)          October 17, 2007
     Proposer of Course Modification              Date
Approvals
Program/Course:

_________________________________________________________________________
Program Chair(s) Date

_________________________________________________________________________
General Education Chair(s) Date

_________________________________________________________________________
Curriculum Committee Chair(s) Date

_________________________________________________________________________
Dean of Faculty Date