

**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.

- Gen Ed Categories  
 Lab Fee Required  
 Hegis Code
- Graded  
 CR/NC  
 Repeatable for up to \_\_\_\_\_ units  
 A - F  
 Multiple  
 Optional Enrollment in (Student's same semester choice)

- 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

**NEW**

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

- Gen Ed Categories  
 Lab Fee Required
- Graded  
 CR/NC  
 Repeatable for up to \_\_\_\_\_ units  
 A - F  
 Multiple  
 Optional Enrollment in same (Student's semester choice)

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

**Existing**

	Units	Hour Per Unit	Benchmark Enrollment	CS# Units (filled out by Dean)
Lecture	<u>2</u>	<u>1</u>	<u>20</u>	_____
Seminar	_____	<u>1</u>	_____	_____
Laboratory	_____	<u>3</u>	_____	_____
Activity	<u>2</u>	<u>2</u>	<u>20</u>	_____
Field Studies	_____	_____	_____	_____
Indep Study	_____	_____	_____	_____
Other blank	_____	_____	_____	_____

**Proposed**

	Units	Hour Per Unit	Benchmark Enrollment	CS# Units (filled out by Dean)
Lecture	<u>4</u>	<u>1</u>	<u>25</u>	_____
Seminar	_____	<u>1</u>	_____	_____
Laboratory	_____	<u>3</u>	_____	_____
Activity	_____	<u>2</u>	_____	_____
Activity	_____	<u>2</u>	_____	_____
Activity	_____	<u>2</u>	_____	_____
Activity	_____	<u>2</u>	_____	_____

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>. 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 9<sup>th</sup> will be effective in the Fall 2008 catalog):** Fall 2008

William E. Wagner, III (Sociology)  
Proposer of Course Modification

October 17, 2007  
Date

## Approvals

Program/Course:

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Program Chair(s)

Date

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General Education Chair(s)

Date

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Curriculum Committee Chair(s)

Date

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Dean of Faculty

Date