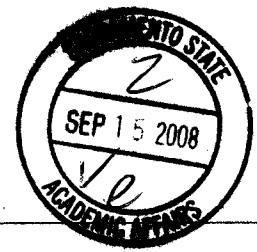




SACRAMENTO  
STATE

# Course Change Proposal Form A



<b>Academic Group (College):</b> SSIS	<b>Academic Organization (Department):</b> PSYCHOLOGY	<b>Date:</b> 09/04/2008
<b>Type of Course Proposal:</b> New <input checked="" type="checkbox"/> Change <input type="checkbox"/> Deletion <input type="checkbox"/>	<b>Department Chair:</b> Dr. Bruce Behrman	<b>Submitted by:</b> Dr. Becky Penrod
<b>Does this course fulfill a requirement for single-subject or multiple subject credential students? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></b>	<b>For Catalog Copy: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></b> <b>CCE: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></b>	<b>Semester Effective:</b> Fall <input type="checkbox"/> Spring <input checked="" type="checkbox"/> 2009

<b>This course replaces experimental course Subject Area (prefix) and Catalog Number (course number):</b>	
<b>This Catalog Number (course number) is being replaced:</b>	

**Change from:**

<b>Subject Area (prefix) &amp; Catalog No. (course no.):</b>	<b>Title:</b>	<b>Units:</b>
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**Change to:**

<b>Subject Area (prefix) &amp; Catalog No. (course no.):</b> PSYC 272	<b>Title:</b> Research Methods in Behavior Analysis	<b>Units:</b> 3
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**JUSTIFICATION:**

The Behavior Analysis Certification Board credentials masters' level practitioners as Board Certified Behavior Analysts (BCBA). The Behavior Analysis Program at CSUS is one of 85 academic programs approved by the Behavior Analysis Certification Board. As an approved program, our course sequence allows students to complete the didactic requirement to sit for the national examination. The new task list issued by the Board (2006, third edition) includes 10 content areas that will need to be covered in graduate classes. Unfortunately, the current classes offered at Sac State do not adequately cover all of the new content areas, thus putting our program at risk for re-approval by the Certification Board in December, 2008. The proposed course will cover items in content areas 5, 6, and 7 (see www.bacb.com)

Additionally, the Association for Behavior Analysis (ABA) accredits graduate programs to support the highest-quality education of behavior analysts. The Accreditation Board oversees this process and conducts regular reviews of accredited programs. Currently, there are only two accredited programs in the State of California (CSU Stanislaus and CSU Los Angeles). The minimum standards for accreditation at the master's level consist of an educational program with instruction in behavior-analytic approaches to research and conceptual issues that includes: a) a curriculum topic in the principles of behavior; b) a curriculum topic in within-subjects research methodology and direct observation of behavior; c) a curriculum topic in conceptual issues; and d) a curriculum topic in behavioral interventions with such possible emphases as behavior therapy, behavioral teaching, and behavioral medicine. The standards further specify a thesis, review paper, or general examination whose questions and methods are based on a behavior-analytic approach to problems or issues. The proposed course meets requirement B above for accreditation by the Association for Behavior Analysis.

**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)**

Covers methods related to single-case research (i.e., data collection, logic, designs). Course content is based primarily on contemporary books and articles from peer-reviewed journals. Topics include: measurement of behavior; methods of assessing inter-rater agreement; experimental design including, reversal designs, changing-criterion designs, alternating treatment designs, and multiple-baseline designs; and displaying and interpreting behavioral data. Current methodological issues will be discussed. Prerequisite: PSYC 171 or PSYC 181

<b>Note:</b>
<b>Prerequisite:</b> See above
<b>Enforced at Registration: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></b>
<b>Corequisite:</b>

Enforced at Registration: Yes ___ No <u>X</u>	
CAN (California Articulation Number):	
Graded: Letter <u>X</u> Credit/No Credit ___	Instructor Approval Required? Yes ___ No <u>X</u>
Course Classification (e.g., lecture, lab, seminar, discussion): Seminar	Title for CMS (not more than 30 characters) Res Methods in Beh Analysis
Cross Listed? Yes ___ No <u>X</u>	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? <u>1</u>	
Can the course be taken for Credit more than once during the same term? Yes ___ No <u>X</u>	

### 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/acaf/example.htm>

**\*\*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.**

1. Systematically manipulate independent variables to analyze their effects on treatment.
2. Use withdrawal designs, reversal designs, alternating treatment designs, changing-criterion designs, multiple-baseline designs
3. Identify and address practical and ethical considerations in using various experimental designs
4. Conduct a component analysis
5. Conduct a parametric analysis
6. Identify the measurable dimensions of behavior (i.e., rate, duration, latency, inter-response time)
7. Define behavior in observable and measurable terms
8. State advantages and disadvantages of using continuous measurement and sampling techniques (i.e., partial-interval recording, whole-interval recording, and momentary time sampling)
9. Select appropriate measurement procedures given various dimensions of behavior
10. Use frequency, rate, duration, latency, inter-response time, percent of occurrence, trials to criterion, and interval recording methods
11. Use various methods for assessing inter-observer agreement
12. Select a data display that effectively communicates quantitative relations
13. Use standard celebration charts
14. Use a cumulative record to display data
15. Use data displays that highlight patterns of behavior (e.g., scatter plot)
16. Interpret and base decision making on data displayed in various formats

**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:

1. Quizzes (Outcomes 1-16)
2. Article Reviews (Outcomes 1,3,4,5,9,10)
3. Article Presentation (Outcomes 12-16)
4. Research Prospectus (Outcomes 1-16)
5. Presentation of Research Prospectus (Outcomes 1-16)

**For whom is this course being developed?**

Majors in the Dept  Majors of other Depts \_\_\_ Minors in the Dept \_\_\_ General Education \_\_\_ Other \_\_\_

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

If yes, identify program(s):

M.A. in Psychology – Behavior Analysis Track

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

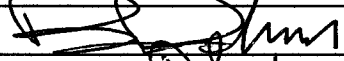
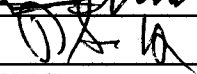
If yes, attach a description of resources needed and verify that resources are available.

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

**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: 	9/11/08
College Dean or Associate Dean: 	9-12-08
CPSP (for school personnel courses ONLY)	
Associate Vice President and Dean for Academic Programs	

**Distribution:** Academic Affairs (original), Department Chair and College Dean. Dean's office to send original after approval to Academic Affairs, at mail zip 6016. An electronic copy must also be sent.