

**NEW COURSE PROPOSAL****Courses must be submitted by November 2, 2009, for priority catalog review.**DATE (*Change if modified and redate file with current date*) 9-8-2010; REV 11.9.10

PROGRAM AREA(S) HEALTH SCIENCE

**1. Course Information.** *[Follow accepted catalog format.]***Prefix(es)** (Add additional prefixes if cross-listed) and **Course No.** HLTH 494**Title:** INDEPENDENT RESEARCH **Units:** 1-2

x Prerequisites HLTH 100 and 301 and SOC 303

Corequisites

x Consent of Instructor Required for Enrollment

**Catalog Description** (Do not use any symbols ): Individual research project in selected areas of health science conducted under the direction of a faculty member. A written report is required upon completion of the project.**Grading Scheme:**

A-F Grades

x Credit/No Credit

Optional (Student Choice)

**Repeatability:**

Repeatable for a maximum of units

Total Completions Allowed

Multiple Enrollment in Same Semester

**Course Level Information:**

x Undergraduate

Post-Baccalaureate/Credential Graduate

**Mode of Instruction/Components** (*Hours per Unit are defaulted*).

	Units	Hours per Unit	Benchmark Enrollment	Graded Component	CS & HEGIS # (Filled in by the Dean)
Lecture		1			
Seminar		1			
Laboratory		3			
Activity		2			
Field Studies				x	
Indep Study	1	3			
Other Blank					

Leave the following hours per week areas blank. The hours per week will be filled out for you.

3 hours independent study per week

hours blank per week

**2. Course Attributes:**

**General Education Categories:** All courses with GE category notations (including deletions) must be submitted to 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)**  
**UDIGE/INTD Interdisciplinary**  
**Meets University Writing Requirement**  
**Meets University Language Requirement**

**American Institutions, Title V Section 40404:** ☐ Government ☐ US Constitution ☐ US History  
Refer to website, Exec Order 405, for more information: <http://senate.csuci.edu/comm/curriculum/resources.htm>

**Service Learning Course** (Approval from the Center for Community Engagement must be received before you can request this course attribute).

**3. Justification and Requirements for the Course.** (Make a brief statement to justify the need for the course)

A. Justification: This is an option for a required category of courses for the BS in Health Science major, which allows students to engage in a real research project in the field of health science. **Students must take two units from HLTH 492, 494, or 497 as a requirement in the B.S. in Health Sciences.**

B. Degree Requirement: ☒ Requirement for the Major/Minor  
☐ Elective for the Major/Minor  
☐ Free Elective

**Note: Submit Program Modification if this course changes your program.**

**4. Learning Objectives.** (List in numerical order. You may wish to use the following resource in utilizing measurable verbs: <http://senate.csuci.edu/comm/curriculum/resources.htm>)

Upon completion of the course, the student will be able to:  
Apply research methods used in the field of health science  
Write a report on the research project

**5. Course Content in Outline Form.** [Be as brief as possible, but use as much space as necessary]

Variable, depending the nature of the research project.

Does this course content overlap with a course offered in your academic program? **Yes** ☐ **No** ☒

If YES, what course(s) and provide a justification of the overlap. ☐

Does this course content overlap a course offered in another academic area? **Yes** ☐ **No** ☒

If YES, what course(s) and provide a justification of the overlap. ☐

Overlapping courses require Chairs' signatures.

**6. Cross-listed Courses** (Please note each prefix in item No. 1)

A. List Cross-listed Courses (Signature of Academic Chair(s) of the other academic area(s) is required).

List each cross-listed prefix for the course: ☐

B. Program responsible for staffing: Health Science

**7. References.** [Provide 3 - 5 references]

Research Techniques for Health Sciences. James J. Neutens and Lurna Rubinson. Publisher: Benjamin Cummings; 4 edition (March 12, 2009) ISBN-10: 0321596412

Research Design: Qualitative, Quantitative, and Mixed Methods Approaches. John W. Creswell. Sage Publications, Inc. (July 15, 2008) ISBN-10: 1412965578

Conducting Research Literature Reviews: From the Internet to Paper. Dr. Arlene G. Fink (Editor) sher: Sage Publications, Inc; Third Edition edition (March 26, 2009) ISBN-10: 1412971896

**8. Tenure Track Faculty Qualified to Teach This Course.**

Health Science faculty

**9. Requested Effective Date:**

First semester offered: S2015

**10. New Resources Requested. Yes ☒ No**

If YES, list the resources needed.

A. Computer Needs (data processing, audio visual, broadcasting, other equipment, etc.)

B. Library Needs (streaming media, video hosting, databases, exhibit space, etc.)

☒

C. Facility/Space/Transportation Needs

☐

D. Lab Fee Requested (please refer to Dean's Office for additional processing) Yes ☐ No ☒

E. Other

☐

**11. Will this new course alter any degree, credential, certificate, or minor in your program? Yes ☐ No ☒**

If, YES attach a program update or program modification form for all programs affected.

Priority deadline for New Minors and Programs: **October 5, 2009** of preceding year.

Priority deadline for Course Proposals and Modifications: **November 2, 2009**, of preceding year.

Last day to submit forms to be considered during the current academic year: **April 15<sup>th</sup>**.

Ching-Hua Wang

9-8-2010

---

Proposer of Course (Type in name. Signatures will be collected after Curriculum approval)

Date

# Approval Sheet

**Program/Course:**

If your course has a General Education Component or involves Center affiliation, the Center will also sign off during the approval process.

Multiple Chair fields are available for cross-listed courses.

Program Chair		
	Signature	Date
Program Chair		
	Signature	Date
Program Chair		
	Signature	Date
General Education Chair		
	Signature	Date
Center for International Affairs Director		
	Signature	Date
Center for Integrative Studies Director		
	Signature	Date
Center for Multicultural Engagement Director		
	Signature	Date
Center for Civic Engagement Director		
	Signature	Date
Curriculum Chair		
	Signature	Date
Dean of Faculty		
	Signature	Date