California State University Channel Islands

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))	7-27-2010; REV 10.25.1
PROGRAM AREA(S)	BIOLOGY

1. **Course Information.** [Follow accepted catalog format.]

Prefix(es) (Add additional prefixes if cross-listed) and Course No. BIOL 305

Title: BIOLOGY OF AGING Units: 3

x Prerequisites BIOL 211

Corequisites

x Consent of Instructor Required for Enrollment

Catalog Description (Do not use any symbols): Current understanding of biological basis of human aging and senescence processes, including systemic, cellular and molecular mechanisms underlying the transition from health to senescence, evolutionary and comparative aspects of aging, measurement of aging, and the consequences of normal aging processes on various human systems. No credit given toward the Biology major.

Grading Scheme:		Repeatability:		Course	e Level Information:	
x A-F Grades		Repeatable	for a maximum of	x Und	ergraduate	
		units				
Credit/No Credit		Total Completion			st-Baccalaureate/Credential	
Optional (Student	Choice)	Multiple En	rollment in Same Ser	mester G	raduate	
Mode of Instruction/	Component	s (Hours par Unit	are defaulted)			
wiode of flish detion/	Joinponeni	Hours	Benchmark	Graded	CS & HEGIS #	
		per	Enrollment	Component	(Filled in by the Dean)	
	Units	Unit		•		
Lecture	3	1	30	X		
Seminar		1				
Laboratory		3				
Activity		2				
Field						
Studies		_				
Indep Study		_				
Other Blank						
Leave the following hours per week areas blank. The hours per week will be filled out for you.						

2. Course Attributes:

Three hours lecture per week hours blank per week

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

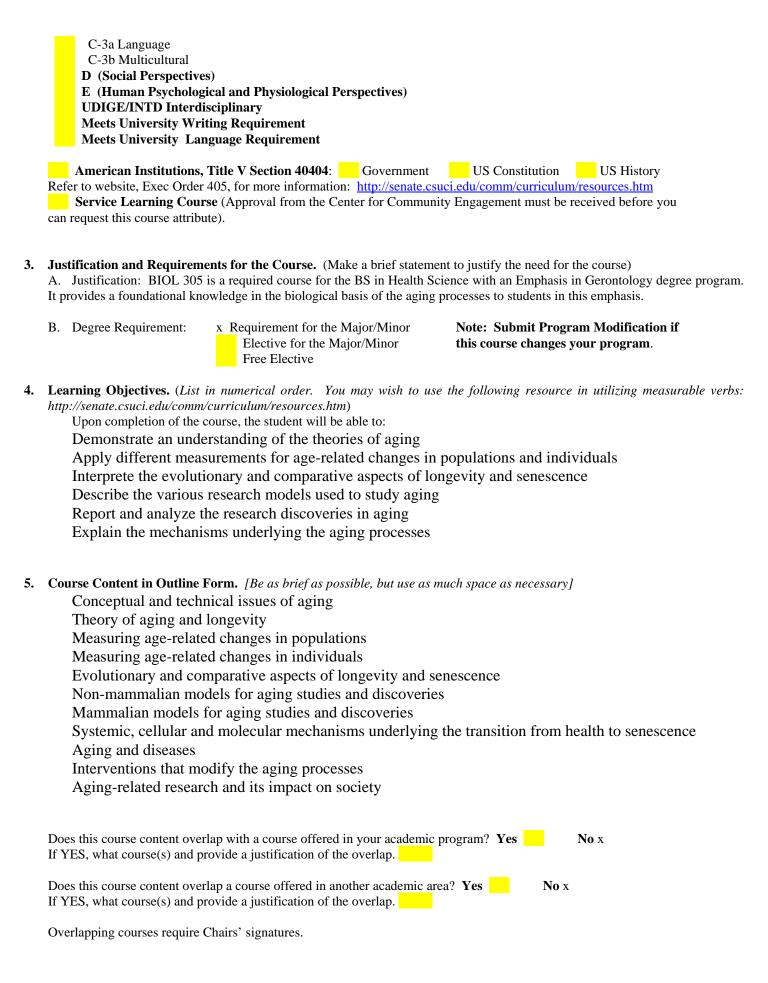
B-3 Mathematics – Mathematics and Applications

B-4 Computers and Information Technology

C (Fine Arts, Literature, Languages & Cultures)

C-1 Art

C-2 Literature Courses



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: Academic Affairs **References.** [Provide 3 - 5 references] Handbook of the Biology of Aging, Sixth Edition, Edward J. Masoro and Steven N. Austad, Academic Press, 2006 Molecular Biology of Aging, Leonard P. Guarente, Linda Partridge, and Douglas C. Wallace, Cold Spring Harbor Laboratory Press; 1st edition, 2007, ISBN-10: 0879698241 Biology of Aging: Observations and Principles, Robert Arking, Oxford University Press, 3 edition, 2006, ISBN-10: 0195167392 **Tenure Track Faculty Qualified to Teach This Course.** Biology faculty **Requested Effective Date:** First semester offered: Fall 2013 10. New Resources Requested. Yes x 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 x E. Other 11. Will this new course alter any degree, credential, certificate, or minor in your program? Yes No x 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.

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

Date

Last day to submit forms to be considered during the current academic year: April 15th.

Ching-Hua Wang

9.15.08 km2

7-27-2010

Approval Sheet

Program/Course:	
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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			
L	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			
<u> </u>	Signature	Date	