## CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS NEW COURSE PROPOSAL

1.8.07 DATE PROGRAM AREA **BIOLOGY AND BUSINESS/ECONOMICS** Catalog Description of the Course. [Follow accepted catalog format.] Prefix BIOL Course# 610 Title CAPSTONE PROJECT FOR MS/MBA DUAL DEGREE Units (6) 6 hours seminar per week hours blank per week Prerequisites Biology or Business and Economics Program Approval Corequisites Description BIOL 610 Capstone Project for MS/MBA Dual Degree (6) Culmintating experience in the MS/MBA dual degree program. Students participate in lectures, discussions, case analysis and independent research. Includes a major project involving research, analysis, sysnthesis and presentation of a topic related to the global biotechnology industry. BUS 6100 Capstone Project for MS/MBA Dual Degree (6) Culmintating experience in the MS/MBA dual degree program. Students participate in lectures, discussions, case analysis and independent research. Includes a major project involving research, analysis, sysnthesis and presentation of a topic related to the global biotechnology industry. Graded Gen Ed Repeatable for up to CR/NC Categories Lab Fee Required 🕅 A - F Total Completions Allowed Optional (Student's choice) Multiple Enrollment in same semester ☐ Title V Section 40404: ☐ Government ☐ US Constitution ☐ US History Mode of Instruction (Hours per Unit are set for you). **Benchmark** Hours per Graded CS & HEGIS # (filled in by Dean) Units Unit **Enrollment Component** Lecture 15 Seminar 6 1 Laboratory Activity Justification and Learning Objectives for the Course. (Indicate whether required or elective, the degree it pertains to, and whether it meets University Writing, and/or Language requirements) [Use as much space as necessary] BIOL/BUS 610 is a required course for students in the MS/MBA dual degree program. Upon completion of the course, the student will be able to: Work in cross-disciplinary teams to solve problems of interest to the global biotechnology industry Identify topic-appropriate research materials Read and describe orally and in writing the business and scientific issues of complex cases Synthesize information from a variety of sources Report on chosen topics in written and oral form NO  $\boxtimes$ YES  $\square$ Is this a General Education Course If Yes, indicate GE category and attach GE Criteria Form: A (English Language, Communication, Critical Thinking) A-1 Oral Communication A-2 English Writing A-3 Critical Thinking

11.29.06 km2

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			
5.	Course Content in Outline Form. [Be as brief as possible, but use as much space as necessary]			
	<ul> <li>Operating environment for the global biotechnology industry</li> <li>Relationship of science and business disciplines</li> <li>Development of a research project related to biotechnology operations within a global environment</li> <li>Analysis of cases</li> <li>Presenations of research results</li> </ul>			
Does this course overlap a course offered in your academic program? YES \( \subseteq \) NO \( \subseteq \) If YES, what course(s) and provide a justification of the overlap?				
Does this course overlap a course offered in another academic area? YES NO If YES, what course(s) and provide a justification of the overlap? Signature of Academic Chair(s) of the other academic area(s) is required on the signature sheet below.				
6. Cross-listed Courses (Please fill out separate description for each PREFIX) List Cross-listed Courses BIOL BUS 610 Signature of Academic Chair(s) of the other academic area(s) is required on the signature sheet below.				
	Department responsible for staffing: Biology and Business and Economics			
7. <b>References.</b> [Provide 3 - 5 references on which this course is based and/or support it.]				
	References will be selected by students in consultation with faculty members and will vary from semester to semester.			
8.	List Faculty Qualified to Teach This Course.			
	Biology Faculty Smith School faculty			
9.	Effective Date and Frequency.  a. Projected semesters to be offered: Fall Spring Summer  b. First semester offered:			
10. New Resources Required. YES NO IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII				
	a. Computer (data processing), audio visual, broadcasting needs, other equipment)			

11.29.06 km2

	b.	Library needs			
	c.	Facility/space needs			
11.	1. Will this new course alter any degree, credential, certificate, or minor in your program? YES NO If, YES attach a program modification form for all programs affected.				
-		lliam Cordeiro/Ching-Hua Wang oposer of Course	11/27/2006 Date		

11.29.06 km2

## **Approval Sheet** Program/Course:

Program Chair(s)	Date	
General Education Chair(s)	Date	
Curriculum Committee Chair(s)	Date	
Dean of Faculty	Date	

11.29.06 km2 4