California State University Channel Islands

Program Modification

Program modifications must be submitted by October 15, 2010 for priority catalog review

Date (Change if modified and update the file name with the new date): 2010 2011 Catalog Copy 9.19.11 (revised 11-7-11) 11-29-11 JR

Program Area: BUS

Semester /Year First affected: FALL 2012

Instructions: Please use this <u>Program Modification</u> form for changes to existing program requirements, units, outcomes, emphases or options, or for other programmatic concerns. For minor changes (faculty or address changes, additions of approved electives, minor editing for clarity, and other minor updates) use the Program Update form, available at the Curriculum website.

Paste the latest approved version of your entire program in the left AND right boxes below. Make your deletions in the LEFT column by using the strikeout feature in Word or underlining, and highlight. Insert new language or other changes to the program on the RIGHT and highlight in YELLOW for easy identification. If possible, please align the two columns so that changes appear side-by-side with the original text.

CURRENTLY APPROVED PROGRAM

MARTIN V. SMITH SCHOOL OF BUSINESS AND ECONOMICS

Programs Offered

Bachelor of Arts in Economics

Bachelor of Science in Business

Option in Entrepreneurship

Option in Finance

Option in Global Business

Option in Management

Option in Marketing

- Minor in Business Management
- Minor in Economics
- Certificate in Business Administration
- Master of Business Administration (MBA)
- Master of Science in Biotechnology and Master of Business Administration (MBA)

PROPOSED PROGRAM

MARTIN V. SMITH SCHOOL OF BUSINESS AND ECONOMICS

BUSINESS

Programs Offered

- Bachelor of Arts in Economics (See ECON program)
- Bachelor of Science in Business

Option in Entrepreneurship

Option in Finance

Option in Global Business

Option in Management

Option in Marketing

- · Minor in Business Management
- Minor in Social Business
- Minor in Economics
- Certificate in Business Administration
- · Certificate in Social Business
- Master of Business Administration (MBA)

The Bachelor of Arts in Economics focuses on the integration of core economic analysis with relevant interdisciplinary applications. The degree develops analytical tools and communication skills in the context of economic theory and its linkages to a broad array of human decisions. Economics, as a social science, seeks to explain and predict the behavior of consumers, producers, managers, government officials and citizens by examining the interactions of incentives and constraints in an environment of ever-present scarcity of time, skills and resources. Microeconomics focuses on the choices of individuals and firms, as well as their role in the marketplace, while macroeconomics aggregates economic activity to the national level to analyze trends and fluctuations in overall economic activity. The Bachelor of Arts in Economics offers flexibility and opportunity through its emphases: general, international and managerial. Economics majors are also encouraged to pursue minors to deepen their connections to other disciplines.

The Bachelor of Science in Business has a liberal arts and interdisciplinary focus. It is built on the three Cs: critical thinking, collaboration (working with others), and communication (oral and written English). Students learn the fundamental principles of accounting, economics, finance, information systems, management, and marketing as applied in a variety of organizational settings. A distinguishing aspect of the Business and Economics Program is the requirement to take courses developed in conjunction with disciplines outside the traditional business curriculum. Examples include courses with Biology, Chemistry, Education, English, Fine Arts, History and Performing Arts.

In addition, a Capstone Course provides students with the opportunity to integrate their knowledge through a Global Strategy Simulation exercise. To foster an integrative and cross disciplinary experience in a relevant business area, students are encouraged to select one of five options: Entrepreneurship, Finance, Global Business, Management, and Marketing. All options draw on upper-division courses from accounting, economics, management and marketing to offer an in-depth perspective into five critical areas of business. We anticipate enhancing the curriculum with additional options choices as the program grows.

Careers

The Martin V. Smith School of Business and Economics programs prepares students to work in a variety of organizations—both public and private — as well as advanced studies in several types of graduate and professional programs: MBA, MPA, law school, MA In Economics.

 Master of Science in Biotechnology and Master of Business Administration (MBA)

The Bachelor of Science in Business has a liberal arts and interdisciplinary focus. It is built on the three Cs: critical thinking, collaboration (working with others), and communication (oral and written English). Students learn the fundamental principles of accounting, economics, finance, information systems, management, and marketing as applied in a variety of organizational settings. A distinguishing aspect of the Business and Economics Program is the requirement to take courses developed in conjunction with disciplines outside the traditional business curriculum. Examples include courses with Biology, Chemistry, Education, English, Fine Arts, History and Performing Arts.

In addition, a Capstone Course provides students with the opportunity to integrate their knowledge through a Global Strategy Simulation exercise. To foster an integrative and cross disciplinary experience in a relevant business area, students are encouraged to select one of five options: Entrepreneurship, Finance, Global Business, Management, and Marketing. All options draw on upper-division courses from accounting, economics, management and marketing to offer an in-depth perspective into five critical areas of business. We anticipate enhancing the curriculum with additional options choices as the program grows.

Careers

The Martin V. Smith School of Business and Economics programs prepares students to work in a variety of organizations—both public and private — as well as advanced studies in several types of graduate and professional programs: MBA, MPA, law school, MA In Economics.

Program Learning Goals for Bachelor of Science in Business

- Prepare students for employment in a variety of public and private organizations.
- Prepare students for further study in graduate or professional schools.
- Demonstrate critical thinking skills by identifying, evaluating, synthesizing, and presenting issues related to accounting, economics, finance, information systems, management and marketing.
- Demonstrate communication skills by writing excellent reports and papers and making effective oral presentations in English.
- Demonstrate collaboration skills by working effectively with others in group settings both inside and outside the classroom.
- Demonstrate personal conduct that reflects an ethical understanding of complex business, economic and social issues.
- Demonstrate basic competencies in the academic disciplines related to regional, national and global business and economics.

Program learning Goals for Bachelor of Arts in Economics

- Prepare students for employment in a variety of public and private organizations.
- Prepare students for further study in graduate or professional schools.
- Apply economic analysis to evaluate everyday decisions and policy proposals.
- Propose viable solutions to practical problems in economics.
- Use empirical evidence to support an economic argument.
- Conduct statistical analyses of data, and interpret statistical results.
- Communicate effectively in written, spoken and graphical form about economic issues.

Program Learning Goals for Masters in Business Administration

Graduates of Smith School's MBA will be able to:

- Demonstrate high proficiency in critical thinking, oral and written communication, personal ethical conduct and collaboration skills
- Demonstrate orally and in writing analytical and integrative skills in making business decisions
- Demonstrate an understanding of the global operating environment of business
- Produce written innovative and integrative business plans, including plans that adapt to uncertain and unpredictable environments.
- Demonstrate an understanding of relevant disciplines
- Demonstrate leadership skills in a variety of situations and settings

Faculty

William P. Cordeiro, Ph.D.

Professor of Management

Director, School of Business & Economics

Program Learning Goals for Bachelor of Science in Business

- Prepare students for employment in a variety of public and private organizations.
- Prepare students for further study in graduate or professional schools.
- Demonstrate critical thinking skills by identifying, evaluating, synthesizing, and presenting issues related to accounting, economics, finance, information systems, management and marketing.
- Demonstrate communication skills by writing excellent reports and papers and making effective oral presentations in English.
- Demonstrate collaboration skills by working effectively with others in group settings both inside and outside the classroom.
- Demonstrate personal conduct that reflects an ethical understanding of complex business, economic and social issues.
- Demonstrate basic competencies in the academic disciplines related to regional, national and global business and economics.

Program Learning Goals for Masters in Business Administration

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- Demonstrate high proficiency in critical thinking, oral and written communication, personal ethical conduct and collaboration skills
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- Demonstrate an understanding of the global operating environment of business
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- Demonstrate an understanding of relevant disciplines
- Demonstrate leadership skills In a variety of situations and settings

Faculty

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Sung Won Sohn, Ph.D. MVS Endowed Professor of Economics Sage Hall Room 2033 Phone: (805) 437-2789 sung.sohn@csuci.edu	
Contact Information http://business.csuci.edu http://econ.csuci.edu	
Bachelor of Arts in Economics - (120 units)	
Lower Division Required 9-10 Upper Division Required 19 Required Emphasis 12-17 General Education 48 American Institutions 6 Free Electives 20-26 TOTAL 120 units	
Lower Division Requirements 9 - 10 units ECON 110 Principles of Microeconomics	
Select either: MATH 140 Calculus for Business Applications3 or MATH 150 Calculus I4	
Upper Division Requirements - 19 units ECON 310 Intermediate Microeconomics	

- Associate Professor of Management

Sung Won Sohn, Ph.D.

MVS Endowed Professor of Economics

Sage Hall Room 2033 Phone: (805) 437-2789 sung.sohn@csuci.edu

Contact Information http://business.csuci.edu

Select either:

MATH 320	Statistics for Rusiness and Economics 3
1017 (1111 023	Statistics for Business and Economics d
or	
MATH 352	Probability and Statistics 3
W/ 1111 002	Frobability and Statistics

Required Emphasis - 12 - 17 units

Economics majors are required to complete one of the following three emphases: For all emphases, ECON 492 may not be taken to fulfill the requirements of the economics major. ECON 497 must be taken for 3 units in order to be applied to the major.

1. General Economics Emphasis (12 units)

Upper Division - 12 units

A minimum of four upper division courses in economics (or approved courses outside of economics) as follows:

- A minimum of two courses must be taken from cross-
- disciplinary courses offered by economics (ECON 330-349 and 430-449).
- A minimum of two economics courses at the 400 level.

2. International Economics Emphasis (17 units)

Lower Division - 8 units

A minimum of two courses in the same foreign language or equivalent. [for example, SPAN 101 4 and 102 4] ASL courses will not be accepted.

Note: This requirement represents one additional course beyond the CI foreign language requirement.

Upper Division - 9 units

A minimum of three upper division courses in economics (or approved courses outside of economics) as follows:

ECON 4		International Trade		3
ECON 4	73	Development Econo	omice	2

Choose one of the following:

Chicodo Chic	le renewing.	
ECON 370	The World Economy	3
ECON 444		
ECON 444	Values and Valuables (MIVITI)	
ECON 472	International Macroeconomics	- 3
POLS 328	United States Foreign Policy	3

ECON 300, 492 and 497 may not be taken to meet the requirements of the economics major. 3. Managerial Economics Emphasis (12 units) **Upper Division - 12 units** A minimum of <u>four</u> upper division courses in economics (or approved courses outside of economics) as follows: FIN 300 Business Finance 3 Select either: ECON 329 Managerial Economics..... Select either: ECON 471 International Trade..... ECON 472 International Macroeconomics... A minimum of one course must be taken from cross-disciplinary courses offered by economics (ECON 330-349 and 430-449). Note: Students selecting this emphasis must take either ECON 320 or 329, but may not take both courses for credit in the major. Required Supporting and Other GE Courses...... General Education48 American Institutions 6 Free Electives Bachelor of Science Degree in Business - (120 units)

Bachelor of Science Degree in Business (120 units)

Lower Division Major Requirements	21-22
Upper Division Major Requirements	
Upper Division Interdisciplinary Major Requirements	
Supporting and other GE Requirements	. 56-57
TOTAL 120	Lunite

Lower Division	Requirements 21 - 22 units			
ACCT 210	Financial Accounting3	Lower Div	ision/	Major Requirements (21 - 22 units)
ACCT 220	Managerial Accounting3	ACCT 2		Financial Accounting3
BUS 110	Business Law3	ACCT 2		Managerial Accounting3
COMP 101	Computer Literacy3			(Prereq: ACCT 210)
ECON 110	Principles of Microeconomics3	BUS 1	110	Business Law3
ECON 111	Principles of Macroeconomics3	COMP 1	101	Computer Literacy3
Select either:		ECON 1		Principles of Microeconomics3
MATH 140	Calculus for Business Applications3	ECON 1		Principles of Macroeconomics3
or		Select eithe	er:	•
MATH 150	Calculus I4	MATH 1	140	Calculus for Business Applications3
				(Prereq: Passing Score on Calculus Placement
				Exam or MATH 101 or 105)
		or		,
		MATH 1	150	Calculus I4
				(Prereq: Passing Score on Calculus Placement
				Exam or MATH 101 or 105)
Unner Division	Required Major Courses 36 units			,
ACCT 300	Applied Managerial Accounting3	Upper Div	/ision	Major Requirements (36 units)
BUS 320	Business Operations3	ACCT 3		Applied Managerial Accounting3
BUS 320	Dusiness Operations	7001	300	(Prereq: ACCT 210 & 220 or equivalent courses)
		BUS 3	320	Business Operations3
		500	J20	(Prereq: MATH 140 or 150)
Select either:				(1 10104. WW.1111 140 01 100)
ECON 310	Intermediate Microeconomics3	Select eithe	er.	
or	memediate morocoonomico	ECON 3		Intermediate Microeconomics3
ECON 329	Managerial Economics3		0.0	(Prereq: ECON 110, 111, & MATH 140 or 150)
20011 020	(choose this course if pursuing the	or		(isisq. 2001 110, 111, and 111 110 31 100)
	Marketing Option)	ECON 3	329	Managerial Economics3
	marketing option)			(Prereq: ECON 110, 111, & MATH 140 or 150)
				(choose this course if pursuing the
Select either:				Marketing Option)
ECON 311	Intermediate Macroeconomics3	Select eithe	er:	marrowing option,
or	mornodicto macrosconomico imminino	ECON 3		Intermediate Macroeconomics3
ECON 320	Money and Banking3			(Prereq: ECON 110, 111, & MATH 140 or 150)
ENGL 330	Interdisciplinary Writing3	or		((1919)
or	mioraloo,piinary vynang	ECON 3	320	Money and Banking3
ENGL 483	Technical Visual Communication3			(Prereq: ECON 110, 111, & MATH 140 or 150)
	The state of the s			, , , , , , , , , , , , , , , , , , , ,
		Select eithe	er:	
		ENGL 3		Interdisciplinary Writing 3
		or		. , ,
		ENGL 48	33	Technical Visual Communication3

FIN	300	Business Finance	.3
MATH	329	Statistics for Business and Economics .	.3
MGT	307	Management of Organizations	.3
MGT	326	Scientific and Professional Ethics (BIOL)	3
MIS	310	Management Information Systems	.3
MKT	310	Principles of Marketing	.3
BUS	499	Capstone	.3

Upper Division Interdisciplinary Major Courses - 6 units

Any BUS 330-349 or 430-449

Option - 15 units

Students may select one of the following options:

To complete the elective requirements indicated below, choose any upper division course from ACCT, BUS, ECON, FIN, MGT, MKT or MIS not already used in the major. (Not applicable to the Management Option)

1. Entrepreneurship Option

E	BUS	341	Drug Discovery and Development	
			(CHEM/ECON)	3
N	ИGT	325	Entrepreneurial Management	3

Select three of the following:

CICCL LITT	<u> </u>	no ronowing.		
ECON	411	Economics of Entrepreneurship	3	
MGT	424	Organizational Behavior (PSY) .	3	
MKT	411	New Product Development and		
		Management	3	
Elective	Electives			

Complete the following:

- I		<u> </u>
FIN	300	Business Finance3
		(Prereq: ACCT 220 & MATH 140 or 150)
MATH	329	Statistics for Business and Economics3
		(Prereq: Math 101 or 105)
MGT	307	Management of Organizations3
MGT	326	Scientific and Professional Ethics (BIOL) 3
MIS	310	Management Information Systems3
		(Prereq: COMP 101 or equivalent)
MKT	310	Principles of Marketing3
BUS	499	Capstone3
		(Prereq: All lower division and other upper division
		required core courses in the Business Major or
		consent of instructor)

Upper Division Interdisciplinary Major Requirements (6 units)

Select two courses from interdisciplinary courses offered by B	B <mark>usiness.</mark>
BUS 330-349 or 430-449 course3	
BUS 330-349 or 430-449 course3	

Option (15 units)

(use GillSansMT-ExtraBold 13)

Students may select one of the following options:

To complete the elective requirements indicated below, choose any upper division course from ACCT, BUS, ECON, FIN, MGT, MKT or MIS not already used in the major. (Not applicable to the Management Option)

1. Entrepreneurship Option (GillSansMT-ExtraBold 13 point)

BUS	341	Drug Discovery and Development
		(CHEM/ECON)3
		(may double count with Upper Division
		Interdisciplinary Major course)
MGT	325	Entrepreneurial Management3

Select *three* of the following:

ECON 411	Economics of Entrepreneurship3
	(Prereq: ECON 110 & 111)
MGT 424	Organizational Behavior (PSY)3
	(Prereq: MGT 307 or consent of instructor)
MKT 411	New Product Development and
	Management3
	(Prereg: MKT 310)

2. Financ	e Optioi	n		Elective	es	3
FIN	410	Financial Markets and Institutions3				
FIN	411	Corporate Finance Management3	2	2. Final	nce (Option (GillSansMT-ExtraBold 13 point)
FIN	412	International Financial Management3		FIN	410	Financial Markets and Institutions3
		•		I IIN	410	(Prereq: FIN 300)
				FINI	111	· · · ·
				FIN	411	Corporate Finance Management3
FIN	413	Investment Analysis3				(Prereq: FIN 300)
		3		FIN	412	International Financial Management3
Electiv	es					(Prereq: FIN 300)
				FIN	413	Investment Analysis3
0 01 1		0.4				(Prereq: FIN 300)
		ss Option		Elective	es	3
MGT	410	Management of International Business.3				
MKT	410	International Marketing Management3	9	3 Glob	al Bu	Isiness Option (GillSansMT-ExtraBold 13 point)
				MGT	410	Management of International Business.3
Select th	<u>ree</u> from	n the following:		IVIGI	410	
ACCT	410	International Accounting3		MIZT	440	(Prereq: MGT 307)
ECON	370	The World Economy3		MKT	410	International Marketing Management3
ECON	471	International Trade3				(Prereq: MKT 310)
ECON	472	International Macroeconomics3				
FIN	412	International Finance Management3	5			n the following:
MGT	471	Project Management3		ACCT	410	International Accounting3
		3				(Prereq: ACCT 210 or 220)
Licotiv	00			ECON	370	The World Economy3
						(Prereq: ECON 111)
				ECON	471	International Trade3
						(Prereg: ECON 310 or 329)
				ECON	472	International Macroeconomics3
						(Prereq: ECON 311 or 320)
				FIN	412	International Finance Management3
				•		(Prereq: FIN 300)
				MGT	471	Project Management3
				IVIOI	7/1	(Prereq: MGT 307)
				Elective		3
				Elective	35	
						10 1
4. Manag	ement (Option	4	4. <i>Man</i> a	agem	nent Option (GillSansMT-ExtraBold 13 point)
MGT	410	Management of International Business.3		MGT	410	Management of International Business.3
MGT	421	Human Resource Management3				(Prereq: MGT 307)
MGT	424	Organizational Behavior (PSY)3		MGT	421	Human Resource Management3
		2.3		-		(Prereq: MGT 307)
				MGT	424	Organizational Behavior (PSY)3
						(Prereq: MGT 307 or consent of instructor)
						A total more and the control moration
			l l			

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S	elect <u>twc</u>	o from th	he following:
	MGT	325	Entrepreneurial Management3
	MGT	429	Program Management3
	MGT	471	Project Management3
	MGT	490	Special Topics3
	MGT	492	Service Learning/Internship1-3
	MGT	497	Directed Study1-3
			2.100.00d O.day
_			
5.	Marketi		
	MKT	311	Consumer Behavior3
	MKT	409	Marketing Research3
	MKT	410	International Marketing Management3
	MKT	411	New Product Development and
			Management3
	Elective	es	3
R	<u>equire</u>	Sunn	orting and Other GE Courses -56 - 57 units
			Interdisciplinary course outside
			r3 utions6
			ses in Categories A-E <mark>39</mark>
	ree El	ectives.	<mark>8-9</mark>

Minor in Business Management - (21 units)

The minor in Business Management offers students a foundation in principles related to managing people. The minor stresses critical thinking and the application of management concepts in a variety of organizational environments. The minor provides non-business majors with a basic understanding of management issues.

Select two from the following:			
MGT	325	Entrepreneurial Management3	
MGT	429	Program Management3	
		(Prereq: MGT 307)	
MGT	471	Project Management3	
		(Prereg: MGT 307)	
MGT	490	Special Topics3	
		(Prereq: Consent of instructor)	
MGT	492	Service Learning/Internship1-3	
		(Prereg: Consent of instructor)	
MGT	497	Directed Study1-3	
		(Prereq: Consent of instructor)	
		•	
5. Mari	ketind	Option (GillSansMT-ExtraBold 13 point)	
MKT	311	Consumer Behavior3	
		(Prereq: MKT 310)	
MKT	409	Marketing Research3	
		(Prereg: MKT 310)	
MKT	410	International Marketing Management3	
		(Prereq: MKT 310)	
MKT	411	New Product Development and	
		Management3	
		(Prereq: MKT 310)	
Electiv	es	3	
Support	ina an	d Other GE <mark>Requirements (</mark> 56-57 units	
	_		
		Interdisciplinary GE Outside Major3	
Amend	an insii	tutions	
		rses in Categories A-E <mark>22</mark>	
Free E	iectives		

Minor in Business Management (21 units)

The minor in Business Management offers students a foundation in principles related to managing people. The minor stresses critical thinking and the application of management concepts in a variety of organizational environments. The minor provides non-business majors with a basic understanding of management issues.

Lower D	ivision	Requirements - 9 units
ACCT	210	Financial Accounting3
BUS	110	Business Law3
Select one	of the	following:
ECON	110	Principles of Microeconomics3
or		·
ECON	111	Principles of Macroeconomics3
		•
Upper D	ivision	Requirements - 12 units
		the following:
BUS	320	
		Buomicos oporanorio imministra
MATH	329	Statistics for Business and Economics .3
MGT	307	Management of Organizations3
MGT	325	Entrepreneurial Management3
MGT	326	Scientific and Professional
		Ethics (BIOL)3
MGT	410	Management of International Business.3
MGT	421	Human Resource Management3
MKT	310	Principles of Marketing3
MKT	311	Consumer Behavior3
		Minor in Economics - (20 - 22 units)

The economics minor familiarizes students with the tools of economics analysis, and applies these tools to economic decisions made by individuals in their personal and professional lives, and to the workings of national economies and the world economy.

Careers

The economics minor is suitable for students desiring careers in all fields of business, education, journalism, law and government.

Lower Division Requirements 9 - 10 units

ECON 110 Principles of Microeconomics

Select either:

MATH 140 Calculus for Business Applications......

L		Danishana anta (O surita)
		Requirements (9 units)
ACCT	210	Financial Accounting3
BUS	110	Business Law3
Select one	of the	following:
ECON	110	Principles of Microeconomics3
or		·
ECON	111	Principles of Macroeconomics3
		·
Unner D	ivision	Requirements - 12 units
		the following:
BUS	320	Business Operations3
		(Prereq: Math 140 or 150)
MATH	329	Statistics for Business and Economics 3 (changing to Applied Stats)
		(Prereq: MATH 101 or 105)
MGT	307	Management of Organizations3
MGT	325	Entrepreneurial Management3
MGT	326	Scientific and Professional
		Ethics (BIOL)3
MGT	410	Management of International Business.3
		(Prereq: MGT 307)
MGT	421	Human Resource Management3
		(Prereg: MGT 307)
MKT	310	Principles of Marketing3
MKT	311	Consumer Behavior3
••••		(Prereg: MKT 310)
		(1 101041 MILL 010)

Minor in Social Business (17-28 units including pre/co-requisites)

This interdisciplinary minor will provide students in any major the opportunity to develop their knowledge of Social Business. Students will develop the tools and skills required to diagnose and address social problems at the local, national, and international levels and apply the necessary skills for effective analysis of a social business plan in one of these settings. The program will equip students to assess the success and challenges of an existing social business at the local, national, or international level. By choosing electives across discipline areas, students will gain an interdisciplinary perspective into Social Business and the challenges it seeks to address.

Lower Division Requirement (3 units) BUS 203 Introduction to Social Business

(ECON/SOC)......3

or	Upper	Divisio	on Requirements <mark>(5-6 units)</mark>
MATH 150 Calculus I4	- 11 11 -		
	BUS	301	Social Business Planning (ECON/SOC) 3
Upper Division Requirements - 6 units			(Prereq: BUS/ECON/SOC 203)
'	BUS	498	Faculty-Student Research Seminar in
Select either:			Social Business (ECON/POLS/SOC).2-3
ECON 310 Intermediate Microeconomics3			(Prereg: BUS/ECON/SOC 203 & 301
or			and consent of instructor)
ECON 329 Managerial Economics3			,
	Additio	nal D	equirements (9 units)
Solect either:			
ECON 311 Intermediate Macroeconomics3	division)		ourses from the following (one of the courses may be lower-
<mark>—or</mark>	uivisioii)	-	
ECON 320 Money and Banking3	Econor	mice a	and Poverty
			Values and Valuables (ECON)3
Electives - 5-9 units	AINIII	444	(Prereq: ANTH 102 or ECON 110)
Additional upper division courses in economics.	BUS	336	Social Entrepreneurship (SOC)3
(Minimum total of <u>21</u> units)	BUS		
	D03	440	(ECON/SOC)3
For Business Majors Only			(Prereq: SOC 100)
Courses used to fulfill Upper Division Interdisciplinary and Emphasis requirements	ECON	362	· · ·
may not be used (double counted) for ECON minor electives.	20011	002	(Prereq: ECON 110 & 111)
	ECON	411	Economics of Entrepreneurship3
			(Prereq: ECON 110 & 111)
	ECON	473	Development Economics3
			(Prereg: ECON 310 or 311)
	POLS	426	Politics of Developing Countries3
			(Prereq: POLS 103)
	Science		Technology
	BIOL	331	
			Century (BUS) 3
			(Prereq: Junior standing or consent of
	DIOI	0.45	instructor)
	BIOL	345	
			(Prereq: Junior standing or consent of instructor)
	PHYS	448	Team Based Research 3
	11110	770	(Prereq: Upper division standing)
			(19.54. Sppor difficient oldinality)
	Culture	and I	Politics
			Cultural Anthropology 3
	ANTH	444	Values and Valuables (ECON) 3

CLIC	200	(Prereq: ANTH 102 or ECON 110)
CHS	292	Chicana/o Studies Service Learning and Civic Engagement
		(Prereq: CHS 100 <mark>, sophomore status</mark>
		or consent of instructor)
GLST		Introduction to Global Studies 3
POLS	426	Politics of Developing Countries 3
SOC	201	(Prereq: POLS 103) Social Problems
000	201	Godal i Toblotto
Health		Environment
BIOL	331	Biotechnology in the Twenty-first
DIO	000	Century (BUS)
BIOL BIOL		Emerging Public Health Issues
CHS		Health Issues in the Latino/a Community
		(NRS)3
		(Prereq: CHS 100 or equivalent)
ESRM	1 100	Introduction to Environmental Science
ESRM	1 340	and Resource Management
LOIKIV	1040	(Prereq: Junior standing and consent
		of instructor)
		Certificate in Social Business (1 <mark>5</mark> units)
		in Social Business is designed to provide students of all majors
		culated students at CSU Channel Islands and the external
		ming from any discipline with an interdisciplinary background in sis of social problems at the local, national, and international
		the application of the social business concept as a significant tool
		those problems.
Require	emen	ts for the Certificate (1 <mark>5</mark> units)
•		es (8 units)
BUS	203	Introduction to Social Business
603	203	(ECON/ SOC)3
BUS	301	Social Business Planning (ECON/SOC) 3
	-	(Prereq: BUS/ECON/SOC 203)
BUS	498	Faculty-Student Research Seminar in
		Social Business (ECON/SOC)2-3
		(Prereq: BUS/ECON/SOC 203 & 301
		and consent of instructor) Note: Complete a minimum of 3 units BUS 498

Additional Courses (6 units)

Six units required from a minimum of two problem-based areas (Economics and Poverty, Culture and Politics, Health and Environment). At least 3 of the 6 units must be upper-division courses (300-level or 400-level).

Economics and Poverty

ANTH	444	Values and Valuables (ECON)	3
		(Prereq: ANTH 102 or ECON 110)	
BUS	336	Social Entrepreneurship (SOC)	3
BUS	448	Globalization and Development	
		(ECON/SOC)	3
		(Prereq: SOC 100)	
ECON	362	Environmental Economics	3
		(Prereq: ECON 110 & 111)	
ECON	411	Economics of Entrepreneurship	3
		(Prereq: ECON 110 & 111)	
ECON	473	Development Economics	3
		(Prereq: ECON 310 or 311)	
POLS	426	Politics of Developing Countries	3
		(Prereq: POLS 103)	

Science and Technology

BIOL	331	Biotechnology in the Twenty-first	
		Century (BUS)	3
BIOL	345	Science and Public Policy (POLS)	3
		(Prereq: Junior standing or consent of	
		instructor)	
PHYS	448	Team Based Research	.3
		(Prereg: Upper division standing)	

ANTH	444	Values and Valuables (ECON)(Prereq: ANTH 102 or ECON 110)	. 3
CHS	292	Chicana/o Studies Service Learning and	ł
		Civic Engagement	. 3
		(Prereq: CHS 100, sophomore status	
		or consent of instructor)	
GLST	200	Intro to Global Studies	. 3
SOC	201	Social Problems	. 3
POLS	426	Politics of Developing Countries	3
		(Prereq: POLS 103)	

Postbaccalaureate Certificate in Business Administration

The Certificate in Business Administration provides basic business skills to post baccalaureate and graduate students. The certificate program is suitable for: (i) Business professionals who wish to update their knowledge, skills, and abilities; (ii) Managers in science, technology, or engineering who seek a business orientation; (iii) Individuals making a transition into a managerial position; (iv) Individuals returning to the workforce, or considering a career change; (v) Those without an undergraduate degree in business who are considering an MBA. The program provides the essentials of business administration to students with limited or no formal business education. The coursework completed under this Certificate fulfills the prerequisite course requirements for the MBA Program. Courses offered under the Certificate may be delivered partially via distance education and consist of four 3 unit courses and one 4 unit course for a total of 16 units.

Prerequisite

A Bachelor's degree in any field or consent of advisor.

Requirements for Certificate - 16 units

BUS 500	Economics for Managers3
BUS 502	Quantitative Methods for
	Decision-Making3
BUS 504	Introduction to Accounting and Finance 4
BUS 506	Principles of Management and
	Marketing3
BUS 508	Business Ethics and Law3

Health and Environment

BIOL	331	Biotechnology in the Twenty-first
		Century (BUS) 3
BIOL	333	Emerging Public Health Issues 3
BIOL	345	Science and Public Policy (POLS)3
CHS	343	Health Issues in the Latino/a Community
		(NRS)3
		(Prereq: CHS 100 or equivalent)
ESRM	100	Intro to Environmental Science and Resource
		Management 3
ESRM	340	Politics and the Environment (POLS) 3
		(Prereq: Junior standing and consent of
		instructor)

Postbaccalaureate Certificate in Business Administration (16 units)

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troduction to Accounting and Finance 4
rinciples of Management and
larketing3
usiness Ethics and Law3

Master of Business Administration (MBA)

Offered through California State University Channel Islands Extended University

The MBA Program is designed to develop business leaders capable of working in an increasingly multicultural and global environment. Key elements include:

- Learning Community/Cohort Experience
- Evening Classes
- Online Foundations of Business courses
- Focus on International Business and Entrepreneurial Innovation
- International Study Tour Option
- Real-World Orientation

The MBA Curriculum

The curriculum is comprised of three parts: Foundations of Business (0-16 semester units), Required Core (24 semester units), and Electives (9 semester units) for a total of 33-49 semester units.

Foundations of Business

The Foundations of Business courses provide the theoretical concepts and quantitative tools that form the basis for making business decisions. These courses are designed to provide students with a general understanding of accounting, economics, finance, ethics and law, statistics, management, and marketing. Some or all of these courses may be waived depending upon the applicant's undergraduate degree and coursework. Students with a bachelor's degree in business from CI or from other accredited institutions within the last 10 years will have met the Foundations of Business requirements. Individual business courses taken as an undergraduate student at CI or another institution may also meet specific Foundations requirements. Upon acceptance to the program, a student's transcripts will be reviewed for completion of the necessary coursework for mastery of the Foundations of Business. A grade of "C" or better is required to meet the criteria.

Required Core

The core MBA courses are presented in a cross-functional, integrative manner that provides a comprehensive view of the structure of business operations. Students learn to analyze business from a variety of perspectives. The seven core courses provide the skills and competencies students will need to be effective business leaders in the 21st century. A distinguishing aspect of the MBA Program is its focus on entrepreneurship and global business awareness. The Capstone Course (BUS 570) provides students with the opportunity to integrate their knowledge through an

Master of Business Administration (MBA)

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International Business Simulation exercise.

Special Topic Courses

Students will take three graduate courses (9 units) in which professors provide in depth coverage of selected business and economics subjects. Topics vary based on the discipline expertise of the assigned professor.

Faculty

William P. Cordeiro, Ph.D.

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- Director, School of Business & Economics

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Professor of Economics

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Claudio A. C. Paiva, Ph.D.

International Business Simulation exercise.

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Sage Hall, Room 2039			Phon	Phone: (805) 437-2684			
Phone: (805) 437-2684			claud	claudio.paiva@csuci.edu			
claudio.paiva@csuci.edu							
	-		Paul A. R	ivera, P	Ph.D.		
Paul A. F	Rivera, P	h.D.	Associ	ate Pro	fessor of Economics		
Assoc	iate Prof	fessor of Economics	Acade	mic Adv	risor for Undergraduate Programs		
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		f essor of Management					
		om 2129					
		137-3316					
<u>ieri-ela</u>	ayne.sm	ith@csuci.edu					
			Sung Wo				
Sung Wo					ed Professor of Economics		
_		ed Professor of Economics		Sage Hall Room 2033			
		oom 2033		Phone: (805) 437-2789 sung.sohn@csuci.edu			
) 437-2789	sung	<u>.sonn@</u>	<u>CSUCI.edu</u>		
sung	ı.sonn@	<u>csuci.edu</u>					
Require	ements	for Master of Business	Require	ments	for Master of Business		
•		- 33 - 49 units		Administration (33 - 49 units)			
/ \all	Juanon	OO TO WING	Adminis	stration	1 <mark>(</mark> 33 - 49 units <mark>)</mark>		
		usiness - 0 - 16 units	Founda	tions	of Business <mark>(</mark> 0 - 16 units <mark>)</mark>		
BUS	500	Economics for Managers3	BUS	500	Economics for Managers3		
BUS	502	Quantitative Methods for	BUS	502	Quantitative Methods for		
		Decision-Making3			Decision-Making3		
			BUS	504	Introduction to Accounting and Finance 4		
BUS	504	Introduction to Accounting and Finance 4	BUS	506	Principles of Management and		
BUS	506	Principles of Management and			Marketing3		
DUO	500	Marketing3	BUS	508	Business Ethics and Law3		
BUS	508	Business Ethics and Law3					
Required	Core - 2	24 units	•		e <mark>(</mark> 24 units <mark>)</mark>		
BUS 510 High Performance Management3			BUS	510			
BUS	520	Strategy and Leadership3	D. 10		(Co-req: BUS 520)		
BUS	530	Managing Business Operations3	BUS	520	Strategy and Leadership3		
BUS	540	Financial Reporting and Analysis 3			(Co-req: BUS 510)		

JS 550	The Contemporary Firm3
JS 560	The Entrepreneurial Manager3
JS 570	Competing in a Global Environment6

Special Topics - 9 units Nine units of upper- graduate-level courses.

Graduate Writing

Assessment Requirement

Writing proficiency prior to the awarding of the degree is demonstrated by successful completion of BUS 520 Strategy and Leadership with a grade of B or higher.

Master of Science Degree in Biotechnology and Master of Business Administration - (71 units*)

*Assumes that at least one set of the Foundation Courses listed below has been completed in a business or science undergraduate degree program.

Program Description

The Master of Science in Biotechnology and Master of Business Administration is a dual professional degree program designed to meet the needs of biotechnology industry and related public and private agencies and organizations. The program combines rigorous scientific training in biotechnology with graduate course work and experience in business management and regulatory affairs. The program includes the foundation courses for the dual degree program, a set of graduate level core courses in both biotechnology and business, and several elective courses.

Our approach includes team projects drawn from biotechnology industries to focus on real-world problems and applications of biological sciences and business. We approach interpersonal skills and problem-solving skills from multiple perspectives.

BUS	530	Managing Business Operations3
		(Prereq: BUS 520; Co-requisite:
		BUS 540)
BUS	540	Financial Reporting and Analysis3
		(Prereq: BUS 520; Co-requisite:
		BUS 530)
BUS	550	The Contemporary Firm3
		(Prereq: BUS 540)
BUS	560	The Entrepreneurial Manager3
		(Prereq: BUS 540)
BUS	570	Competing in a Global Environment6
		(Prereq: Completion of all other
		MBA Core courses)

Special Topics (9 units)

Nine units of upper- graduate-level courses.

Graduate Writing Assessment Requirement

Writing proficiency prior to the awarding of the degree is demonstrated by successful completion of BUS 520 Strategy and Leadership with a grade of B or higher.

Master of Science Degree in Biotechnology and Master of Business Administration (71 units*)

*Assumes that at least one set of the Foundation Courses listed below has been completed in a business or science undergraduate degree program.

Program Description

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Our approach includes team projects drawn from biotechnology industries to focus on real-world problems and applications of biological sciences and business. We approach interpersonal skills and problem-solving skills from multiple perspectives.

Admission Requirements

- Applicants must have a BA/BS degree in Biology, Chemistry, Biochemistry, or Business/ Economics related discipline. Alternatively, applicants with a BA/BS degree in any field and equivalent work experiences in one of the above fields may be admitted and must fulfill the foundation course requirements before taking the core courses and electives in the degree program.
- Applicants seeking admission to the dual degree program must be officially accepted into CI as graduate students.
- Applicants must declare themselves as graduate students in the dual degree program.
- 4. Applicants will be evaluated by the program admissions committee which will consider the applicants in the context of the total applicant pool using our general admission standards. The following materials are required for our evaluation and admission process:
 - Applicants must submit their transcript(s) from their undergraduate institution(s) and Graduate Record Examinations (GRE) General Test scores.
 - Applicants who have received their undergraduate degrees from a university
 where English is not the language of instruction, or have studied fewer than
 two years at a university where instruction is in English, must submit their Test
 of English as a Foreign Language (TOEFL) scores.
 - Applicants must submit a one page "Statement of Purpose" and two letters of recommendations from people able to judge the applicant's capacity for both academic and professional success.

Degree Requirements

Required Foundation Courses - 16 units

 Required Foundation Courses in Biology and Chemistry for students without a BS in Biology or Chemistry 16 units

CHEM	110	Chemistry of Life4
		Principles of Cell and Molecular Biology 4
BIOL	300	Cell Biology4
BIOL	400	Molecular Biology4

Admission Requirements

- Applicants must have a BA/BS degree in Biology, Chemistry, Biochemistry, or Business/ Economics related discipline. Alternatively, applicants with a BA/BS degree in any field and equivalent work experiences in one of the above fields may be admitted and must fulfill the foundation course requirements before taking the core courses and electives in the degree program.
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Degree Requirements Required Foundation Courses (16 units)

1. Required Foundation Courses in Biology and Chemistry for students without a BS in Biology or Chemistry

(16 units)

CHEM 110	Chemistry of Life4
BIOL 201	Principles of Cell and Molecular Biology 4
	(Prereq: CHEM 105 or CHEM 121)
BIOL 300	Cell Biology4
	(Prereq: BIOL 201 with a grade of
	C or better and CHEM 122)
BIOL 400	Molecular Biology4
	(Prereq: BIOL 300 or BIOL 302 with
	a grade of C or better)

2. Required Foundation Courses in Business Economics for students without a			2. Required Foundation Courses in Business Economics for students		
BS/BA in Business or Economics or a related			without a BS/BA in Business or Economics or a related discipline (16		
discipline <u>16</u> units			units <mark>)</mark>		
BUS	500	Economics for Managers3	DUIO	500	Francois for Manager
BUS	502	Quantitative Methods for	BUS	500	Economics for Managers3
200	002	Decision-Making3	BUS	502	Quantitative Methods for
BUS	504	Introduction to Accounting and Finance 4	DUIO	504	Decision-Making3
BUS	506	Principles of Management and	BUS	504	Introduction to Accounting and Finance 4
DOO	000	Marketing3	BUS	506	Principles of Management and
BUS	508	Business Ethics and Law3	DUIG	500	Marketing3
ВОО	000	Business Ethios and Edw	BUS	508	Business Ethics and Law3
Core Co	urses		Core Co	urses	
Common	Required	d Courses in the Dual Degree Program - 9 units			ed Courses in the Dual Degree Program (9 units)
MGT	471	Project Management3			Project Management3
BIOL	610	Capstone Project for MS/MBA Dual	MGT	471	
		e (BUS)6	BIOL	610	(Prereq: MGT 307)
	3	- ()	BIOL	610	Capstone Project for MS/MBA Dual
					Degree (BUS)6
Required	Courses	in the Master of Science in Biotechnology - 22 units	Require	d Cou	rses in the Master of Science in Biotechnology (22
			· -	a Oou	1303 III the Master of Colonice in Biotechnology (22
		Courses - <u>15</u> units	units <mark>)</mark>		0
BINF	500	DNA & Protein Sequence Analysis3	-		ore Courses <mark>(</mark> 15 units <mark>)</mark>
BIOL	502	Techniques in Genomics/Proteomics2	BINF	500	DNA & Protein Sequence Analysis3
BIOL	503	Biotechnology Law and Regulation3			(Prereq: BIOL 400 or consent of
BIOL	504	Molecular Cell Biology3			the instructor)
BIOL	510	Tissue Culture Techniques and Stem Cell	BIOL	502	Techniques in Genomics/Proteomics2
		Technology3			(Prereq: BIOL 400, BIOL 401 or
BIOL	601	Seminar in Biotechnology and			BIOL 501 or consent of the instructor)
		Bioinformatics1	BIOL	503	Biotechnology Law and Regulation3
			BIOL	504	Molecular Cell Biology3
					Prereq: BIOL 300 and BIOL 400 or
					BIOL 501 or consent of the instructor)
			BIOL	510	Tissue Culture Techniques and Stem Cell
					Technology3
				(Prereq: BIOL 504)	
		BIOL	601	Seminar in Biotechnology and	
					Bioinformatics1
			2. Flooting Courses (7 units)		
2. Floating Courses 7 units		2. Elective Courses (7 units)			
2. Elective Courses - 7 units A minimum of seven units from the following courses:		Select a minimum of seven units from the following courses:			
			BIOL	505	Molecular Structure4
BIOL 505 Molecular Structure4					(Prereq: BIOL 504 or consent of

BIOL	507	Pharmacogenomics and			the instructor)
		Pharmacoproteomics3	BIOL	507	Pharmacogenomics and
BIOL	508	Advanced Immunology4			Pharmacoproteomics3
BIOL	509	Plant Biotechnology4			(Prereq: BINF 500, BIOL 504 or
					consent of the instructor)
			BIOL	508	Advanced Immunology4
					(Prereq: BIOL 504 or consent of
					the instructor)
			BIOL	509	Plant Biotechnology4
					(Prereq: BIOL 504 or consent of
					the instructor)
			Doguire	74 C21	urans in the Master of Pusiness Administration 124
Required	Courses	s in the Master of Business Administration - 24 units			rses in the Master of Business Administration (24
rrequired	Courses	s in the Master of Dushiess Administration - 24 drills	units <mark>)</mark>		
1 Poquir	ed Core	Courses - <u>18</u> units	1. Requ	ired Co	ore Courses <mark>(</mark> 18 units <mark>)</mark>
BUS	510	High Performance Management3	BUS	510	High Performance Management3
BUS	520	Strategy and Leadership3			Co-req: BUS 520)
BUS	530	Managing Business Operations3	BUS	520	Strategy and Leadership3
BUS	540	Financial Reporting and Analysis3			Co-req: BUS 510)
BUS	550	The Contemporary Firm3	BUS	530	Managing Business Operations3
BUS	560	The Entrepreneurial Manager3			(Prereq: BUS 520; Co-requisite:
ВОО	300	The Entrepreneurial Manager			BUS 540)
2 Flectiv	e Cours	es - <u>6</u> units	BUS	540	Financial Reporting and Analysis3
Double-c					(Prereq: BUS 520; Co-requisite:
BINF	500	DNA and Protein Sequence Analysis3			BUS 530)
BIOL	503	Biotechnology Law and Regulation3	BUS	550	The Contemporary Firm3
5.02	000	Diotochilology Latt and Nogalation Illino			(Prereq: BUS 540)
			BUS	560	The Entrepreneurial Manager3
					(Prereq: BUS 540)
			2. Flecti	ive Cor	urses <mark>(</mark> 6 units <mark>)</mark>
			Double-c		· · · · · · · · · · · · · · · · · · ·
			BINF	500	DNA and Protein Sequence Analysis3
			Dii (i	000	(Prereq: BIOL 400 or consent of
					the instructor)
			BIOL	503	Biotechnology Law and Regulation3
OI	(- \	an Assessment Danishanant	D.OL	000	Districting, Law and Regulation
		ng Assessment Requirement	Graduat	ta \//riti	ing Assessment Requirement
		y prior to the awarding of the degree is demonstrated by			•
successful completion of BIOL 502 Techniques in Genomics and Proteomics for			Writing proficiency prior to the awarding of the degree is demonstrated by		

MS/MBA Dual Degree with a grade of B or higher.

Writing proficiency prior to the awarding of the degree is demonstrated by successful completion of BIOL 502 Techniques in Genomics and Proteomics for

MS/MBA Dual Degree with a grade of B or higher.

SUMMARY OF CHANGES

- 1) Removed ECON program from BUS program.
- 2) On page 15 and 16 of this document, courses were added to the Social Business Certificate that were previously omitted in the program medication dated 3.3.11 and ensuing modifications.

JUSTIFICATION

- 1) ECON program is of sufficient size to stand on its own.
- 2) See Note 2 above. This corrects the Social Business Certificate.

Proposer of Program Modification	Date

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Program Chair		
Flogram Chaii		
	Signature	Date
Curriculum Chair		
Surricularii Sriaii		
	Signature	Date
Dean of Faculty		
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	Signature	Date