

Program Modification

Program modifications must be submitted by April 15, 2012 for priority catalog review

Date (Change if modified and update the file name with the new date): 2010 2011 Catalog Copy 11.29.11 (revised 04-09-12 HJO)

Program Area: ECON

Semester /Year First affected: FALL 2013

Instructions: Please use this Program Modification 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 ECONOMICS

Programs Offered

- Bachelor of Arts in Economics
 - Option in International Economics
 - Option in Managerial Economics
- Minor in Economics

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

PROPOSED PROGRAM

MARTIN V. SMITH SCHOOL OF BUSINESS AND ECONOMICS ECONOMICS

Programs Offered

- Bachelor of Arts in Economics
 - Option in International Economics
 - Option in Managerial Economics
- Minor in Economics

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 encouraged to select one of the two options: International Economics or Managerial Economics and also pursue minors to deepen their connections to other disciplines.

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 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.

Faculty

William P. Cordeiro, Ph.D.
Associate Vice President for Academic Affairs
Director, MBA Program
Sage Hall, Room 2011
Phone: (805) 437-8860
william.cordeiro@csuci.edu

Minder Chen, Ph.D.
Associate Professor of Management Information Systems

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 encouraged to select one of the two options: International Economics or Managerial Economics and also pursue minors to deepen their connections to other disciplines.

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 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.

Faculty

William P. Cordeiro, Ph.D.
Associate Vice President for Academic Affairs
Director, MBA Program
Sage Hall, Room 2011
Phone: (805) 437-8860
william.cordeiro@csuci.edu

Jared P. Barton, Ph.D.
Assistant Professor of Economics
Sage Hall, Room 2137
Phone: (805) 437-XXXX
jared.barton@csuci.edu

Minder Chen, Ph.D.
Associate Professor of Management Information Systems

Sage Hall, Room 2027 Phone: (805) 437-2683 minder.chen@csuci.edu	Sage Hall, Room 2027 Phone: (805) 437-2683 minder.chen@csuci.edu
	Dax D. Jacobson, Ph.D. Assistant Professor of Management Information Systems Sage Hall, Room 2145 Phone: (805) 437-XXXX dax.jacobson@csuci.edu
	William F. Johnson, Ph.D. Assistant Professor of Finance Sage Hall, Room 2143 Phone: (805) 437-XXXX william.johnson@csuci.edu
Priscilla Z. Liang, Ph.D. Assistant Professor of Finance Sage Hall, Room 2143 Phone: (805) 437-8926 priscilla.liang@csuci.edu	Priscilla Z. Liang, Ph.D. Associate Professor of Finance Sage Hall, Room 2131 Phone: (805) 437-8926 priscilla.liang@csuci.edu
J. Andrew Morris, Ph.D. Professor of Management Sage Hall, Room 2149 Phone: (805) 437-2771 john-andrew.morris@csuci.edu	J. Andrew Morris, Ph.D. Professor of Management Sage Hall, Room 2149 Phone: (805) 437-2771 john-andrew.morris@csuci.edu
Dennis Muraoka, Ph.D. Professor of Economics Bell Tower West, Room 2115 Phone: (805) 437-8861 dennis.muraoka@csuci.edu	Dennis Muraoka, Ph.D. Professor of Economics Sage Hall, Room 2133 Phone: (805) 437-8861 dennis.muraoka@csuci.edu
Claudio A. C. Paiva, Ph.D. Associate Professor of Economics Sage Hall, Room 2039 Phone: (805) 437-2684 claudio.paiva@csuci.edu	Claudio A. C. Paiva, Ph.D. Associate Professor of Economics Sage Hall, Room 2039 Phone: (805) 437-2684 claudio.paiva@csuci.edu
Paul A. Rivera, Ph.D. Associate Professor of Economics	Paul A. Rivera, Ph.D.

Academic Advisor for Undergraduate Programs
Sage Hall, Room 2135
Phone: (805) 437-8988
paul.rivera@csuci.edu

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://econ.csuci.edu>

Bachelor of Arts in Economics - (120 units)

Lower Division Major Requirements	9-10
Upper Division (UD) Major Requirements	19
UD Major Electives Requirements or Option.....	12-17
General Education Requirement.....	48
American Institutions Requirement	6
Free Electives	20-26
TOTAL	120 units

Lower Division Major Requirements (9 - 10 units)

ECON 110	Principles of Microeconomics	3
ECON 111	Principles of Macroeconomics	3

Select either:

MATH 140	Calculus for Business Applications	3
	(Prereq: Passing Score on Calculus Placement Exam or MATH 101 or 105)	

or

MATH 150	Calculus I	4
	(Prereq: Passing Score on Calculus Placement Exam or MATH 101 or 105)	

Associate Professor of Economics
Academic Advisor for Undergraduate Programs
Sage Hall, Room 2135
Phone: (805) 437-8988
paul.rivera@csuci.edu

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://econ.csuci.edu>

Bachelor of Arts in Economics - (120 units)

Lower Division Major Requirements	9-10
Upper Division (UD) Major Requirements	19
UD Major Electives Requirements or Option.....	12-17
General Education Requirement.....	48
American Institutions Requirement	6
Free Electives	20-26
TOTAL	120 units

Lower Division Major Requirements (9 - 10 units)

ECON 110	Principles of Microeconomics	3
ECON 111	Principles of Macroeconomics	3

Select either:

MATH 140	Calculus for Business Applications	3
	(Prereq: Passing Score on Calculus Placement Exam or MATH 101 or 105)	

or

MATH 150	Calculus I.....	4
	(Prereq: Passing Score on Calculus Placement Exam or MATH 101 or 105)	

Upper Division Major Requirements (19 units)

ECON 310	Intermediate Microeconomics	3
	(Prereq: ECON 110, 111 & MATH 140 or 150)	
ECON 311	Intermediate Macroeconomics.....	3
	(Prereq: ECON 110, 111 & MATH 140 or 150)	
ECON 488	Econometrics	4
	(Prereq: MATH 202 or 329 or 352, ECON 310 or 329 & MATH 150)	
ECON 496	Seminar in Economic Analysis	3
	(Prereq: ECON 310 & 311)	
ECON 499	Capstone.....	3
	(Prereq: ECON 310, 311, 488 & senior standing)	

Select either:

MATH 329 Statistics for Business and Economics.. 3
(Prereq: MATH 101 or 105)

or

MATH 352 Probability and Statistics..... 3
(Prereq: MATH 151)

Upper Division Major Elective Requirements (12 units)

Select 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 inter-disciplinary courses offered by Economics.
ECON 330-349 or 430-449 course..... 3
ECON 330-349 or 430-449 course..... 3
- A minimum of two economics courses at the 400 level.
ECON 400 level course..... 3
ECON 400 level course..... 3

Note: 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.

Options (12-17 units) (GillSansMT-ExtraBold 13)

In lieu of the Upper Division Electives above, students may choose to complete one of the following Options:

1. International Economics Option (17 units)

Select a minimum of two courses in the same foreign language or equivalent.

Upper Division Major Requirements (19 units)

ECON 310	Intermediate Microeconomics	3
	(Prereq: ECON 110, 111 & MATH 140 or 150)	
ECON 311	Intermediate Macroeconomics.....	3
	(Prereq: ECON 110, 111 & MATH 140 or 150)	
ECON 488	Econometrics	4
	(Prereq: MATH 202 or 329 or 352, ECON 310 or 329 & MATH 150)	
ECON 496	Seminar in Economic Analysis.....	3
	(Prereq: ECON 310 & 311)	
ECON 499	Capstone	3
	(Prereq: ECON 310, 311, 488 & senior standing)	

Select either:

MATH 329 Applied Statistics for Business and Economics 3
(Prereq: MATH 101 or 105)

or

MATH 352 Probability and Statistics..... 3
(Prereq: MATH 151)

Upper Division Major Elective Requirements (12 units)

Select 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 inter-disciplinary courses offered by Economics.
ECON 330-349 or 430-449 course..... 3
ECON 330-349 or 430-449 course..... 3
- A minimum of two economics courses at the 400 level.
ECON 400 level course..... 3
ECON 400 level course..... 3

Note: 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.

Options (12-17 units) (GillSansMT-ExtraBold 13)

In lieu of the Upper Division Electives above, students may choose to complete one of the following Options:

1. International Economics Option (17 units)

[for example, SPAN 101-4 and 102 4] ASL courses will not be accepted.

Foreign Language I 4
Foreign Language II..... 4

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

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

ECON 471 International Trade 3
(Prereq: ECON 310 or 329)
ECON 473 Development Economics 3
(Prereq: ECON 310 or 311)

Select one of the following:

ECON 370 The World Economy 3
(Prereq: ECON 111)
ECON 444 Values and Valuables (ANTH) 3
(Prereq: ANTH 102 or ECON 110)
ECON 472 International Macroeconomics 3
(Prereq: ECON 311 or 320)
POLS 328 United States Foreign Policy 3

Note: ECON 492 and 497 may not be taken to meet the requirements of the economics major.

2. Managerial Economics Option (12 units)

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

FIN 300 Business Finance 3
(Prereq: ACCT 220 & MATH 140 or 150)

Select either:

ECON 320 Money and Banking 3
(Prereq: ECON 110, 111 & MATH 140 or 150)

or

ECON 329 Managerial Economics 3
(Prereq: ECON 110, 111 & MATH 140 or 150)

Select either:

ECON 471 International Trade 3

Select a minimum of two courses in the same foreign language or equivalent.

[for example, SPAN 101 and 102] ASL courses will not be accepted.

Foreign Language I 4
Foreign Language II..... 4

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

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

ECON 471 International Trade 3
(Prereq: ECON 310 or 329)
ECON 473 Development Economics 3
(Prereq: ECON 310 or 311)

Select one of the following:

ECON 370 The World Economy 3
(Prereq: ECON 111)
ECON 444 Values and Valuables (ANTH) 3
(Prereq: ANTH 102 or ECON 110)
ECON 472 International Macroeconomics 3
(Prereq: ECON 311 or 320)
POLS 328 United States Foreign Policy 3

Note: ECON 492 and 497 may not be taken to meet the requirements of the economics major.

2. Managerial Economics Option (12 units)

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

FIN 300 Business Finance 3
(Prereq: ACCT 220 & MATH 140 or 150)

Select either:

ECON 320 Money and Banking..... 3
(Prereq: ECON 110, 111 & MATH 140 or 150)

or

ECON 329 Managerial Economics..... 3
(Prereq: ECON 110, 111 & MATH 140 or 150)

Select either:

(Prereq: ECON 310 or 329) or ECON 472 International Macroeconomics 3 (Prereq: ECON 311 or 320) A minimum of <u>one</u> course must be taken from cross-disciplinary courses offered by Economics. ECON 330-349 or 430-449 course..... 3 Note: Students selecting this emphasis must take either ECON 320 or 329, but may not take both courses for credit in the major. Note: 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. Supporting & Other GE Requirements (75 - 81 units) (GillSans MT-ExtraBold 13) General Education 48 American Institutions 6 Free Electives20-26 Minor in Economics (21 - 22 units) The economics minor familiarizes students with the tools of economic 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 3 and ECON 111 Principles of Macroeconomics 3	ECON 471 International Trade 3 (Prereq: ECON 310 or 329) or ECON 472 International Macroeconomics..... 3 (Prereq: ECON 311 or 320) A minimum of <u>one</u> course must be taken from cross-disciplinary courses offered by Economics. ECON 330-349 or 430-449 course..... 3 Note: Students selecting this emphasis must take either ECON 320 or 329, but may not take both courses for credit in the major. Note: 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. Supporting & Other GE Requirements (75 - 81 units) (GillSans MT-ExtraBold 13) General Education 48 American Institutions 6 Free Electives20-26 Minor in Economics (21 - 22 units) The economics minor familiarizes students with the tools of economic 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 3 and ECON 111 Principles of Macroeconomics 3
---	---

<i>Select either:</i> MATH 140 Calculus for Business Applications 3 (Prereq: Calculus Placement Exam or MATH 101 or 105) or MATH 150 Calculus I 4 (Prereq: Calculus Placement Exam or MATH 105) Upper Division Requirements (6 units) <i>Select either:</i> ECON 310 Intermediate Microeconomics 3 (Prereq: ECON 110, 111, and MATH 140 or 150) or ECON 329 Managerial Economics 3 (Prereq: ECON 110, 111, and MATH 140 or 150) <i>Select either:</i> ECON 311 Intermediate Macroeconomics 3 (Prereq: ECON 110, 111, and MATH 140 or 150) or ECON 320 Money and Banking 3 (Prereq: ECON 110, 111, and MATH 140 or 150) Electives (6 units) Additional upper division courses in economics. (Minimum total of <u>21</u> units)	<i>Select either:</i> MATH 140 Calculus for Business Applications 3 (Prereq: Calculus Placement Exam or MATH 101 or 105) or MATH 150 Calculus I 4 (Prereq: Calculus Placement Exam or MATH 105) Upper Division Requirements (6 units) <i>Select either:</i> ECON 310 Intermediate Microeconomics 3 (Prereq: ECON 110, 111, and MATH 140 or 150) or ECON 329 Managerial Economics 3 (Prereq: ECON 110, 111, and MATH 140 or 150) <i>Select either:</i> ECON 311 Intermediate Macroeconomics 3 (Prereq: ECON 110, 111, and MATH 140 or 150) or ECON 320 Money and Banking 3 (Prereq: ECON 110, 111, and MATH 140 or 150) Electives (6 units) Additional upper division courses in economics. (Minimum total of <u>21</u> units)
--	--

SUMMARY OF CHANGES

1) Updated Faculty Roster

- 2) Updated MATH 329 title to Applied statistics
- 3) Corrected typo under “careers”

JUSTIFICATION

- 1) Hired new Faculty
- 2) Updated MATH 329 title to Applied statistics

Proposer of Program Modification	Date
----------------------------------	------

Program:

Program Chair		
	Signature	Date

Curriculum Chair		
	Signature	Date

Dean of Faculty		
	Signature	Date