



Alignment of Degree Programs

CIP Code & Title: 45.0601 Economics General

Level: Bachelor's

Area of Strategic Emphasis: None

PROGRAM DESCRIPTION:

Economics:

Economics offers a clear and logical way of thinking about complicated issues such as unemployment, inflation, pollution, and crime. The Department of Economics offers broad course choices allowing students to tailor their programs to provide training for professional careers in business, teaching, government, and law. Students interested in majoring or minoring in economics should contact the undergraduate advisor in the Department of Economics for more information.

Quantitative Economics and Econometrics:

The B.S. in Quantitative Economics and Econometrics is a baccalaureate degree focusing on the more analytical and applied aspects of economics, including forecasting, program and business evaluation, benefit/cost analysis and economic impact analysis.

CURRICULUM:

A. Student Learning Outcomes:

Economics:

Goal 1: Discipline Specific Content

- 1a. Outcome: Students will demonstrate the ability to use basic economic models to analyze production, consumption, and market, and demonstrate the impact of external economic forces on the operation of the firm in domestic and international markets
- 1b. Outcome: Students will be able to use economic models of a national economy when that economy is either open or closed to international trade to analyze macroeconomic conditions.

Goal 2: Communication Skills

- 2a. Outcome: Students will be able to identify, compile, interpret, and analyze quantitative economic data by expressing relationships between concepts through graphs, equations, statistical or econometric analysis, and clearly explain their conclusions and results.
- 2b. Outcome: Students will be able to explain the expected impact of government policies, such as taxation, price controls, subsidies, and macroeconomic policies, and assess the consequences of the policies on the parties involved.

Goal 3: Critical Thinking Skills

- 3a. Outcome: Students will demonstrate the ability to analyze the economic environment in which a firm operates and make appropriate strategy recommendations.

Quantitative Economics and Econometrics:

Goal 1: Discipline Specific Content

- 1a. Outcome: Students will be able to analyze macroeconomic conditions by employing models of a national economy both under autarky and when open to international trade.
- 1b. Outcome: Students will demonstrate the ability to use sophisticated mathematical models of various market structures to analyze the economic environment in which a firm operates and make appropriate strategy recommendations.

Goal 2: Communication Skills

- 2a. Outcome: Students will demonstrate the ability to communicate effectively in written, spoken, and graphical form about specific economic issues

Goal 3: Critical Thinking Skills

- 3a. Outcome: Students will display the ability to work with mathematical formalizations of economic models and perform the necessary mathematical operations to solve and interpret these models.
- 3b. Outcome: Students will display the ability to use statistical and econometric methods - including data gathering, data analysis, and hypothesis testing – in applied empirical work.

B. Admission Standards for the Program:

B1. University Admissions:

Economics and Quantitative Economics and Econometrics:

Admission to the University is based on the University's Undergraduate Admission Requirements that may be found by clicking on the following urls:

- **Freshman:** <https://www.usf.edu/admissions/freshmen/admission-information/requirements-deadlines.aspx>
- **Transfer:** <https://www.usf.edu/admissions/transfer/admission-information/index.aspx>
- **International:** <https://www.usf.edu/admissions/international/admission-information/index.aspx>

C. Graduation Requirements for the Program:

Economics and Quantitative Economics and Econometrics:

Satisfactory completion of the following requirements:

- General Education Program (36 credit hours), including State Core General Education, State Computation and State Communication;
- Minimum of 120 unduplicated credit hours;
- A minimum adjusted grade point average (GPA) of 2.0 on all coursework taken at USF and an overall 2.0 GPA average on all college-level coursework;
- Major and college requirements in a chosen degree program;

- Nine credit hours of coursework taken during the summer term(s) (if entered USF with less than 60 credit hours);
- Registration and successful completion of at least thirty (30) of the last sixty (60) credit hours;
- 42 credit hours of upper-level coursework;
- Civics Literacy;
- Foreign language admissions coursework.

D. Economics Curricular Framework:

D1. State Mandated Common Prerequisites:

State Mandated Common Prerequisite	Credits	USF Course	Credits
ECO X013 or ECO XXXX	3	ECO 2013 Economic Principles (Macroeconomics) (3)	3
ECO X023 or ECO XXXX	3	ECO 2023 Economic Principles (Microeconomics) (3)	3
Total Credit Hours	6	Total Credit Hours	6

A grade of C is the minimum acceptable grade in prerequisite courses.

D2. Required Courses: (18 credit hours)

D2a. Major Core Courses: 6 courses; 18 credit hours

- ECO 2013 Economic Principles (Macroeconomics) (3)
- ECO 2023 Economic Principles (Microeconomics) (3)
- ECO 3101 Intermediate Price Theory (3)
- ECO 3203 Intermediate Macroeconomics (3)
- ECO 2052 Analytical Tools for Economists (3)
- STA 2023 Introductory Statistics I (3)

D3. Major (Restricted) Electives: (15 credit hours)

Choose 5 courses (15 credit hours) of Economics electives numbered 3000 or higher. Potential elective courses:

- ECO 3622 American Economic History (3)
- ECO 3703 International Economics (3)
- ECO 4105 Advanced Price Theory (3)
- ECO 4201 Advanced Macroeconomic Theory (3)
- ECO 4270 Economic Growth (3)
- ECO 4303 History of Economic Thought (3)
- ECO 4323 Radical Political Economy (3)
- ECO 4400 Game Theory and Economic Applications (3)
- ECO 4401 Introduction to Mathematical Economics (3)
- ECO 4421 Introduction to Econometrics (3)
- ECO 4422 Time Series Analysis and Forecasting (3)
- ECO 4504 Public Finance (3)
- ECO 4704 International Trade and Policy (3)

- ECO 4713 International Macroeconomics (3)
- ECP 3125 Economics of Inequality (3)
- ECP 3201 Economics of Women and Work (3)
- ECP 3203 Labor Economics (3)
- ECP 3302 Environmental Economics (3)
- ECP 3403 Industrial Organization (3)
- ECP 3413 Economics of Regulation and Antitrust (3)
- ECP 3530 Economics of Health (3)
- ECP 3613 Urban Economics (3)
- ECP 3623 Regional Economics (3)
- ECP 3703 Managerial Economics (3)
- ECP 4006 Economics of Sports (3)
- ECP 4451 Law and Economics (3)
- ECP 4505 Economics of Crime (3)
- ECP 4510 Economics of Education (3)
- ECP 4704 Economics of Business Strategy (3)
- ECS 3013 Economic Development (3)
- ECS 4003 Comparative Economic Systems (3)
- ECS 4430 Economics of Latin America (3)

D. Quantitative Economics and Econometrics Curricular Framework:

D1. State Mandated Common Prerequisites:

State Mandated Common Prerequisite	Credits	USF Course	Credits
ECO X013 or ECO XXXX	3	ECO 2013 Economic Principles (Macroeconomics) (3)	3
ECO X023 or ECO XXXX	3	ECO 2023 Economic Principles (Microeconomics) (3)	3
Total Credit Hours	6	Total Credit Hours	6

A grade of C is the minimum acceptable grade in prerequisite courses.

D2. Required Courses: (24 credit hours)

D2a. Major Core Courses: 6 courses; 18 credit hours

- ECO 2013 Economic Principles (Macroeconomics) (3)
- ECO 2023 Economic Principles (Microeconomics) (3)
- ECO 2052 Analytical Tools for Economists (3)
- ECO 3101 Intermediate Price Theory (3)
- ECO 3203 Intermediate Macroeconomics (3)
- STA 2023 Introductory Statistics I (3)

D2b. Major Other Required Courses: 2 courses; 6 credit hours

- ECO 4401 Introduction to Mathematical Economics (3)

- ECO 4421 Introduction to Econometrics (3)

D3. Major (Restricted) Electives: (9 credit hours)

Choose 2 courses (6 credit hours) from the following list:

- ECO 4105 Advanced Price Theory (3)
- ECO 4201 Advanced Macroeconomic Theory (3)
- ECO 4422 Time Series Analysis and Forecasting (3)

AND

Choose 1 course (3 credit hours) from the following list:

- ECO 3703 International Economics (3)
- ECO 4303 History of Economic Thought (3)
- ECO 4504 Public Finance (3)
- ECO 4704 International Trade and Policy (3)
- ECP 3203 Labor Economics (3)
- ECP 3302 Environmental Economics (3)
- ECP 3403 Industrial Organization (3)
- ECP 3413 Economics of Regulation and Antitrust (3)
- ECP 3530 Economics of Health (3)
- ECP 3613 Urban Economics (3)
- ECP 3623 Regional Economics (3)
- ECP 4006 Economics of Sports (3)
- ECP 4451 Law and Economics (3)
- ECP 4505 Economics of Crime (3)
- ECP 4510 Economics of Education (3)
- ECS 3013 Economic Development (3)
- ECS 4003 Comparative Economic Systems (3)

D4. Sequenced Course of Study:

- An exclamation mark (!) is indicated for any course and/or placeholder that must be taken in sequence and/or in the semester listed.
- Course Type refers to how the course is utilized in the degree program, e.g., Supporting, Major Core, Business Foundation, etc. It also includes “placeholder” information such as: Civics Literacy Test, Apply for Graduation.
- General Education Course Type refers to the General Education core area the course meets.

D4a. 8-Semester Plan for FTIC Students

Economics:

Fall 1						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	ENC 1101		No	Yes	State Core General Education Communication	3
	ECO 2013	Major Core	Yes	Yes	State Core General Education Social Sciences	3

SLS 2901 (Recommended)	General/Unrestricted Elective	No	No		3
XXX XXXX		No	Yes	State Core General Education Humanities	3
XXX XXXX		No	Yes	State Core General Education Natural Sciences	3
	Civics Literacy Placeholder				0
Total Semester Credit Hours:					15

Spring 1						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	ENC 1102		No	Yes	Enhanced General Education ENC 1102	3
	ECO 2052	Major Core	No	No		3
	ECO 2023	Major Core	Yes	Yes	Enhanced General Education Creative Thinking	3
	XXX XXXX		No	Yes	Enhanced General Education Human and Cultural Diversity	3
	XXX XXXX		No	Yes	6A State Computation	3
Total Semester Credit Hours:					15	

Summer 1						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	XXX XXXX	General/Unrestricted Elective	No	No		3
	XXX XXXX	General/Unrestricted Elective	No	No		3
Total Term Credit Hours:					6	

Fall 2						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	ECO 3101	Major Core	No	No		3
	XXX XXXX	General/Unrestricted Elective	No	No		3
	XXX XXXX	General/Unrestricted Elective	No	No		3
	XXX XXXX	Foreign Language Exit	No	No		4
Total Semester Credit Hours:					13	

Spring 2						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total

	ECO 3203	Major Core	No	No		3
	STA 2023	Major Core	No	Yes	State Core General Education Mathematics	3
	XXX XXXX		No	Yes	Enhanced General Education Information and Digital Literacy	3
	XXX XXXX	General/Unrestricted Elective	No	No		3
	XXX XXXX	Foreign Language Exit	No	No		4
Total Semester Credit Hours:						16

Summer 2						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	XXX XXXX	General/Unrestricted Elective	No	No		3
Total Term Credit Hours:						3

Fall 3						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	ECX XXXX	Major Elective	No	No		3
	ECX XXXX	Major Elective	No	No		3
	XXX XXXX	General/Unrestricted Elective	No	No		3
	XXX XXXX	General/Unrestricted Elective	No	No		3
Total Semester Credit Hours:						12

Spring 3						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	ECX XXXX	Major Elective	No	No		3
	ECX XXXX	Major Elective	No	No		3
	XXX XXXX	Upper-Level Elective	No	No		3
	XXX XXXX	General/Unrestricted Elective	No	No		3
Total Semester Credit Hours:						12

Summer 3						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
Total Term Credit Hours:						0

Fall 4						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	ECX XXXX	Major Elective	No	No		3
	XXX XXXX		No	Yes	Enhanced General Education Ethical Reasoning and Civic Engagement Collaborative Learning	3
	XXX XXXX	Upper-Level Elective	No	No		3
	XXX XXXX	Upper-Level Elective	No	No		3
	XXX XXXX	Upper-Level Elective	No	No		3
Total Semester Credit Hours:						15

Spring 4						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	XXX XXXX		No	Yes	Enhanced General Education High Impact Practice Capstone	3
	XXX XXXX	Upper-Level Elective	No	No		4
	XXX XXXX	Upper-Level Elective	No	No		3
	XXX XXXX	Upper-Level Elective	No	No		3
Total Semester Credit Hours:						13

Total Degree Program Credit Hours:						120
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Quantitative Economics and Econometrics:

Fall 1						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	ENC 1101		No	Yes	State Core General Education Communication	3
	ECO 2013	Major Core	Yes	Yes	State Core General Education Social Sciences	3
	SLS 2901 (recommended)	General/Unrestricted Elective	No	No		3
	XXX XXXX		No	Yes	State Core General Education Humanities	3
	XXX XXXX		No	Yes	State Core General Education Natural Sciences	3
Total Semester Credit Hours:						15

Spring 1						
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!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	ENC 1102		No	Yes	Enhanced General Education ENC 1102	3
	ECO 2052	Major Core	No	No		3
	ECO 2023	Major Core	Yes	Yes	Enhanced General Education Creative Thinking	3
	XXX XXXX		No	Yes	Enhanced General Education Human and Cultural Diversity	3
	XXX XXXX		No	Yes	6A State Computation	3
Total Semester Credit Hours:						15

Summer 1						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	XXX XXXX	General/Unrestricted Elective	No	No		3
	XXX XXXX	General/Unrestricted Elective	No	No		3
Total Term Credit Hours:						6

Fall 2						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	ECO 3101	Major Core	No	No		3
	STA 2023	Major Core	No	Yes	State Core General Education Mathematics	3
	XXX XXXX	General/Unrestricted Elective	No	No		3
	XXX XXXX	General/Unrestricted Elective	No	No		3
		Placeholder: Civics Literacy Exam				
Total Semester Credit Hours:						12

Spring 2						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	ECO 3203	Major Core	No	No		3
	XXX XXXX		No	Yes	Enhanced General Education Information and Digital Literacy	3
	XXX XXXX	General/Unrestricted Elective	No	No		3
	XXX XXXX	General/Unrestricted Elective	No	No		3

XXX XXXX	General/Unrestricted Elective	No	No		3
Total Semester Credit Hours:					15

Summer 2						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	XXX XXXX	General/Unrestricted Elective	No	No		3
Total Term Credit Hours:						3

Fall 3						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	ECO 4201 or ECO 4105 or ECO 4935	Other Required Course	No	No		3
	ECO 4401	Other Required Course	No	No		3
	XXX XXXX	General/Unrestricted Elective	No	No		3
	XXX XXXX	General/Unrestricted Elective	No	No		3
Total Semester Credit Hours:						12

Spring 3						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	ECO 4201 or ECO 4105 or ECO 4935	Other Required Course	No	No		3
	ECX XXXX	Major Elective	No	No		3
	XXX XXXX	General/Unrestricted Elective	No	No		3
	XXX XXXX	General/Unrestricted Elective	No	No		3
Total Semester Credit Hours:						12

Summer 3						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	XXX XXXX	Upper-Level Elective	No	No		3
Total Term Credit Hours:						3

Fall 4						
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!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	ECO 4421	Other Required Course	No	No		3
	XXX XXXX		No	Yes	Enhanced General Education Ethical Reasoning and Civic Engagement Collaborative Learning	3
	XXX XXXX	Upper-Level Elective	No	No		3
	XXX XXXX	Upper-Level Elective	No	No		3
	XXX XXXX	Upper-Level Elective	No	No		3
Total Semester Credit Hours:						15

Spring 4						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	XXX XXXX		No	No	Enhanced General Education High Impact Practice Capstone	3
	XXX XXXX	Upper-Level Elective	No	No		3
	XXX XXXX	Upper-Level Elective	No	No		3
	XXX XXXX	Upper-Level Elective	No	No		3
Total Semester Credit Hours:						12

Total Degree Program Credit Hours:						120
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D3b. 4-Semester Plan for FCS AA Transfer Students

B.A. Economics

Fall 1						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	Intentionally Left Blank	Total
	ECO 2013	Major Core	No	No		3
	ECX XXXX	Major Elective	No	No		3
	XXX XXXX	FLEX - Foreign Language Exit	No	No		4
	STA 2023	Major Core	Yes	Yes		3
	XXX XXXX	Upper-Level Elective	No	No		3
Total Semester Credit Hours:						16

Spring 1						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	Intentionally Left Blank	Total
	ECO 2023	Major Core	No	No		3
	ECX XXXX	Major Elective	No	No		3

XXX XXXX	FLEX - Foreign Language Exit	No	No		4
XXX XXXX	Upper-Level Elective	No	No		3
XXX XXXX	Upper-Level Elective	No	No		3
Total Semester Credit Hours:					16

Summer 1						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	Intentionally Left Blank	Total
Total Term Credit Hours:						0

Fall 2						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	Intentionally Left Blank	Total
	ECX XXXX	Major Elective	No	No		3
	ECX XXXX	Major Elective	No	No		3
	XXX XXXX	Upper-Level Elective	No	No		4
	ECO 2052	Major Core	No	No		3
	ECO 3101	Major Core	No	No		3
Total Semester Credit Hours:						16

Spring 2						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	Intentionally Left Blank	Total
	ECX XXXX	Major Elective	No	No		3
	ECO 3203	Major Core	No	No		3
	XXX XXXX	Upper-Level Elective	No	No		3
	XXX XXXX	Upper-Level Elective	No	No		3
Total Semester Credit Hours:						12

Total Credit Hours:					60
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Quantitative Economics and Econometrics:

Fall 1						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	Intentionally Left Blank	Total
	ECO 2013	Major Core	No	Yes		3
	ECX XXXX	Major Elective	No	No		3
	XXX XXXX	Foreign Language EXIT	No	No		4
	STA 2023	Major Core	No	Yes		3
Total Semester Credit Hours:						13

Spring 1						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	Intentionally Left Blank	Total
	ECO 2023	Major Core	No	No		3
	ECO 2052	Major Core	No	No		3
	XXX XXXX	Foreign Language EXIT	No	No		4
	XXX XXXX	Upper-Level Elective	No	No		4
Total Semester Credit Hours:						14

Summer 1						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	Intentionally Left Blank	Total
	ECO 3101	Major Core	No	No		3
	ECO 4401	Other Required Course	No	No		3
Total Term Credit Hours:						6

Fall 2						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	Intentionally Left Blank	Total
	ECO 4421	Other Required Course	No	No		3
	ECO 4201 or ECO 4105 or ECO 4935	Other Required Course	No	No		3
	ECO 2303	Major Core	No	No		3
	XXX XXXX	Upper-Level Elective	No	No		3
	XXX XXXX	Upper-Level Elective	No	No		3
Total Semester Credit Hours:						15

Spring 2						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	Intentionally Left Blank	Total
	ECO 4201 or ECO 4105 or ECO 4935	Other Required Course	No	No		3
	XXX XXXX	Upper-Level Elective	No	No		3
	XXX XXXX	Upper-Level Elective	No	No		3
	XXX XXXX	Upper-Level Elective	No	No		3
Total Semester Credit Hours:						12

Total Credit Hours:						60
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ADDITIONAL REQUIREMENTS:

Economics and Quantitative Economics and Econometrics:

- ECP 3703 Managerial Economics may be substituted for ECO 3101. Students may not take both for credit.
- No more than 3 hours credit hours of ECO 4914 Independent Research may be applied toward the major.
- Students may substitute QMB 3200 for STA 2023.
- Students may substitute (MAC 2233 or MAC 2311 or an equivalent Calculus course) for ECO 2052.
- Students must obtain a grade of C- or higher in all courses required for the major or minor in Economics.

NOTES:

- No changes in the State Mandated Common Prerequisite courses.
- Do not anticipate any significant increase in enrollment and the student to faculty ratio post-consolidation is expected to be stable.
- Terminating the B.S. and B.A. in Business Economics in CIP Code 52.0601.