



**University of South Florida  
CIP Change Request  
Ph.D. Economics**

**Proposal document included:**

Program CIP Change Request



**Program CIP Change Request**

In Accordance with Board of Governors Regulation 8.011,  
Academic Degree Program Coordination and Approval

**Institution:** University of South Florida

**Program Name:** Economics

**Degree Level(s):** M.A. and Ph.D.

**Curent CIP Code:** 45.0601

**Requested CIP Code:** 45.0603

**Effective Term of Reporting Student in New CIP:** Fall 2026

This is the first term for students in the program using the new CIP code. The effective term must be a future term.

**1. Does the proposed program qualify as a Program of Strategic Emphasis, as described in the Florida Board of Governors 2025 System Strategic Plan?**

[Programs of Strategic Emphasis List](#)

- Yes, it does qualify as a Program of Strategic Emphasis.
- No, it does not qualify as a Program of Strategic Emphasis.

Does the program fall under one of the CIP codes listed below that qualifies for the Programs of Strategic Emphasis Waiver? *(for baccalaureate programs only)*

CIP CODE	CIP TITLE
11.0101	Computer and Information Sciences
11.0103	Information Technology
13.1001	Special Education and Teaching
13.1202	Elementary Education and Teaching
14.0801	Civil Engineering
14.0901	Computer Engineering
14.1001	Electrical and Electronics Engineering
14.1901	Mechanical Engineering
27.0101	Mathematics
52.0301	Accounting
52.0801	Finance
52.1201	Management Information Systems
40.0801	Physics*

\*Beginning in the 2024-2025 Academic Year, Physics will no longer be included in the list of approved programs. Students who have previously been granted the waiver for Physics will continue receiving the waiver until they graduate, exceed the number of allowable credit hours, or withdraw from the program.

Yes. If yes, students in the program will be eligible for the Programs of Strategic Emphasis waiver. Refer to [Board Regulation 7.008](#) and the [Programs of Strategic Emphasis Waiver Guidance](#).

No

**2. Provide the rationale for the CIP change request.**

The current CIP code, 45.0601 General Economics, was appropriate when the M.A. and Ph.D. programs were initially created, but it no longer reflects the nature of USF's curriculum. Over time, USF's Department of Economics has evolved to specialize in applied microeconomics with a strong emphasis on econometrics and quantitative analysis. As a result, both programs have become highly quantitative with all courses now relying on advanced optimization techniques and/or focusing on statistical and econometric methods. The proposed new CIP code, 45.0603 Econometrics and Quantitative Economics, more accurately represents the content and rigor of these programs. It is also important that USF's curricula align with disciplinary standards. Across the nation, there is a clear trend toward adopting CIP code 45.0603 for M.A. and Ph.D. programs in Economics, including at peer state institutions such as the University of Florida (both M.A. and Ph.D.), Florida State University (Ph.D.), and Florida International University (both M.A. and Ph.D.).

**3. Describe any changes that have occurred to the curriculum. Include a copy of the curriculum with the application submission.**

The M.A. and Ph.D. curricula have evolved over time to place greater emphasis on quantitative methods such as advanced optimization techniques, economic modeling, and econometric analysis across both required and elective courses. In the M.A. program, students complete 12 core credits in microeconomics, macroeconomics, mathematical economics, and econometrics, all of which are highly mathematical, relying on advanced optimization techniques and/or are statistically intensive. The Ph.D. program is even more quantitative and econometrics-focused, requiring additional core courses as detailed below.

Six additional hours in econometrics; three additional hours in mathematical economics; six additional hours in microeconomic and macroeconomic theory which use advanced mathematical techniques for economic modeling, cost benefit analysis, and economic forecasting, for a total of 27 hours.

**4. Complete the curriculum crosswalk below, describing how the new CIP code description aligns with the required courses offered in the academic degree program.**

CIP CODE DESCRIPTION	ALIGNMENT RATIONALE	
A program that focuses on the systematic study of mathematical and statistical analysis of economic phenomena and problems. Includes instruction in economic statistics, optimization theory, cost/benefit analysis, price theory, economic modeling, and economic forecasting and evaluation.	ECO 6115, Microeconomics I	Fundamental course in price theory that utilizes mathematical analysis and optimization theory for economic modeling to study consumer behavior, firm behavior, and economic equilibrium.
	ECO 7116, Microeconomics II	Advanced course in economic modeling that uses mathematical analysis and optimization theory for the study of strategic interactions between economic agents.
	ECO 6120, Economic Policy Analysis	Applies cost/benefit analysis and other forms of mathematical analysis to determine optimal economic policies.
	ECO 6206, Macroeconomics I	Fundamental course in macroeconomic theory which focuses on dynamic economic models and uses optimization theory to find their equilibria.
	ECO 7207, Macroeconomics II	Uses advanced statistical analysis and econometrics for analyzing empirical macroeconomic models, forecasting and evaluation.
	ECO 6405, Mathematical Economics I	A course that focuses on the foundations of mathematical analysis commonly used in courses in economic theory.
	ECO 7406, Mathematical Economics II	A course in mathematical statistics that underlies advanced courses in econometrics.
	ECO 6424, Econometrics I	Fundamental course in econometrics in which statistical analysis is applied to economic data.
	ECO 6425, Econometrics II	A course in econometric theory in which advanced mathematical statistics theory is used.
	ECO 7426, Econometrics III	An advanced course in econometrics that focuses on the application of statistical analysis and econometric theory to measurement issues that commonly arise in economic data as well as to the forecasting and evaluation of economic data.
	ECO 7427, Econometrics IV	A second advanced course in econometrics that focuses on the application of statistical analysis and econometric theory to measurement issues that commonly arise in economic data as well as to the forecasting and evaluation of economic data.
	ECO 6525, Public Sector Economics	A course that uses econometrics, optimization theory and statistical analysis to study the theory and measurement of public sector policies and outcomes.
	ECO 6936, Behavioral Economics	A course in which econometrics, mathematical and statistical analysis are applied to model and understand economic behavior which is inconsistent with the standard economic model of rationality.
ECO 6936, Time Series and Forecasting	A course in which the statistical analysis of time series data is studied and employed to forecast economic data.	

ECP 6205, Labor Economics I	A course in which price theory, econometrics, and statistical analysis are applied to the study of labor markets.
ECP 7207, Labor Economics II	An advanced course in labor economics in which econometrics, price theory and statistical analysis are applied to the study of labor markets with a strengthened focus on the empirical analysis of labor market data.
ECP 6405, Industrial Organization I	A course that utilizes econometrics, mathematical analysis and price theory to study the structure of industry and its implications for economic efficiency and cost/benefit analysis.
ECP 7406, Industrial Organization II	A course that utilizes econometrics, mathematical analysis and price theory to study the structure of industry and its implications for economic efficiency.
ECP 6456, Issues in Regulation/Anti-Trust	An advanced course in industrial organization with a focus on the statistical and econometric analysis of firm and industry-level data.
ECP 6536, Economics of Health Care I	A course that focuses on the application of econometrics, mathematical analysis and price theory to the health care industry with an emphasis on the cost/benefit analysis of the health insurance and pharmaceutical markets.
ECP 7537, Economics of Health Care II	An advanced course in health economics with a focus on the statistical and econometric analysis of the health care industry.
ECS 6015, Economic Development	A course in which econometrics, price theory, and statistical analysis are applied to the study of the economies of developing countries.

**5. Explain the impact of the proposed change on the current faculty and current and future students.**

The proposed new CIP code more accurately reflects the Department's current faculty strengths in econometrics and quantitative economics. Adopting the proposed code will better position USF's M.A. and Ph.D. students to compete for academic, industry, and government opportunities where expertise in optimization theory, economic modeling, econometrics and quantitative methods is in high demand. Retaining the current CIP code places our students at a disadvantage, as many peer M.A. and Ph.D. programs nationwide already use the proposed CIP code.

**6. Provide evidence that considerations have been given to the impact of this CIP change on existing programs at the university and the possibility that the program using the new CIP will duplicate existing programs at other SUS institutions.**

A change in CIP code will not impact other programs at USF or other SUS institutions. The Department will continue to offer the same programs that it offers now, following the same curriculum. The proposed CIP code may enhance the interest in our graduate courses from students in other disciplines such as Financial Analytics, Business Analytics, and Public Health for example.

**7. If applicable, please explain how the CIP change will impact the program's listing in a Programs of Strategic Emphasis (PSE) category. Please provide a rationale to support the need for the program to be included in a PSE category if it is not already included in a PSE category.**

If the proposed CIP change is approved by the BOG, USF will add a master's and research doctorate to the list of PSE programs offered by USF. The additional graduate programs designated as PSE aligns the Florida Board of Governors PBF Metric 8a.

**8. For baccalaureate programs, please identify any related changes to the approved common prerequisites and degree program length.**

Not applicable because this request is not for a baccalaureate program.

**9. If this is a baccalaureate program, please list the common prerequisites for the current CIP code as listed in the program's curriculum and the common prerequisites associated with the new CIP code.**

Not applicable because this request is not for a baccalaureate program.

---

### Required Signatures

Signed by:  
*Valerie J. Harwood*  
3DDB455EBC21456...  
\_\_\_\_\_  
College Dean/Chair's Signature

1/22/2026 | 16:41 EST  
\_\_\_\_\_  
Date

DocuSigned by:  
*Prasant Mohapatra*  
2179A8CE023D4C9...  
\_\_\_\_\_  
Provost's Signature

4/2/2026 | 19:48 EDT  
\_\_\_\_\_  
Date