

Economics Major: Concentrations

Economics - B.S. Public Administration Concentration

This program will prepare students for careers in the public sector at either the local, state or federal level, as well as for graduate studies.

Required Economics Courses:

ECN101 Principles of Microeconomics*	3 credits
ECN102 Principles of Macroeconomics	3 credits
ECN 270 Intermediate Macro	3 credits
ECN 280 Managerial Economics	3 credits
Economics Electives at the 300-level or higher	<u>15 credits</u>
Total	27 credits

Required Math/Statistics Sequence: 10-11 credits

MAT108 Finite Math	3 credits
MAT181 Applied Calculus or MAT211 Calculus I	3-4 credits
MAT170 Elementary Statistics for Social Science or MAT313 Applied Statistics	4 credits

Required Public Administration Courses: 18 credits

PLS100 US Government and Politics	3 credits
PLS271 Introduction to Public Administration	3 credits
PLS300 Advanced US Government: Institutions and Public Policy	3 credits
PLS371 Public Management or PLS373 Public Financial Administration	3 credits

Plus three additional Public Administrative credits from among the following:

PLS 231 State and Local Government
PLS371 Public Management
PLS372 Public Personnel Administration
PLS374 Public Service Ethics

Plus three additional political science or public administrative credits to fulfill the requirements for the minor.

*Students taking Principles of Economics (4 credits) should not take Principles of Microeconomics or Macroeconomics. Only six hours of Principles credits will count toward the 27 required credit hours in Economics.

**Economics - B.S.
Business Concentration.**

This concentration combines a solid background in economics with a significant exposure to important business-related analytical and conceptual skills. By completing the business minor students, will gain an appreciation for managerial decision making and develop an awareness of how business skills are applied.

Required Economics Courses:

ECN101 Principles of Microeconomics*	3 credits
ECN102 Principles of Macroeconomics	3 credits
ECN 270 Intermediate Macroeconomics	3 credits
ECN 280 Managerial Economics	3 credits
Economics Electives at the 300 level or above	<u>15 credits</u>
Total	27 credits

Required Mathematical/Statistics (9-11 credits)

MAT108 Finite Math	3 credits
MAT181 Applied Calculus or	
MAT211 Calculus I	3-4 credits
MAT170 Elementary Statistics for Social Sciences or	
MAT313 Applied Statistics or	
INM200 Statistical Applications in Business**	3-4 credits

Required Business Courses (18 credits)

ACC200 Fundamentals of Accounting	3 credits
FIN311 Financial Management	3 credits
MGT305 Organizational Behavior	3 credits
MKT305 Principles of Marketing	3 credits

Plus three credits from either a finance or accounting course, and three additional College of Business credits. Students will have completed the required 18 credits for the business minor.

*Students taking Principles of Economics (4 credits) should not take Principles of Microeconomics or Macroeconomics. Only six hours of Principles credits will count toward the 27 required credit hours in Economics.

** Requires ISM142 Business Computer Systems (3 credits) as a prerequisite.

Economics - B.S.
Political Science Concentration

This combination will be appropriate for students planning to pursue careers in government, business, law, or international relations. While combining some aspects of a traditional political economy approach, this concentration will also heighten students' knowledge of the institutional and legal dimensions of major public policy debates.

Required Economics Courses:

ECN101 Principles of Microeconomics*	3 credits
ECN102 Principles of Macroeconomics	3 credits
ECN 270 Intermediate Macroeconomics	3 credits
ECN 280 Managerial Economics	3 credits
Economics Electives at the 300-level or higher	<u>15 credits</u>
Total	27 credits

Required Math/Statistics Sequence: 10-11 credits

MAT108 Finite Math	3 credits
MAT181 Applied Calculus or	
MAT211 Calculus I	3-4 credits
MAT170 Elementary Statistics for Social Science	4 credits

Required Political Science Courses: 18 credits

PLS100 U.S. Government and Politics	
PLS201 Introduction to Political Science	
PLS300 Advanced U.S. Government: Institution of Public Policy	
PLS301 Political Science Research Methods or	
PLS302 Public Policy	
Plus six additional political science credits, three of which must be at the 300-level or higher.	

*Students taking Principles of Economics (4 credits) should not take Principles of Microeconomics or Macroeconomics. Only six hours of Principles credits will count toward the 27 required credit hours in Economics.

Economics - B.S. Mathematics Concentration

This concentration would be especially well-suited for students preparing for graduate study in economics, which has become increasingly focused upon mathematics and statistical analysis.

They are encouraged to take Mathematical Economics and Econometrics.

Required Economics Courses:

ECN101 Principles of Microeconomics*	3 credits
ECN102 Principles of Macroeconomics	3 credits
ECN 270 Intermediate Macroeconomics	3 credits
ECN 280 Managerial Economics	3 credits
Economics Electives at the 300-level or higher	<u>15 credits</u>
Total	27 credits

Required Math/Statistics Courses:

	21 credits
MAT211 Calculus I	4 credits
MAT212 Calculus II	4 credits
MAT 313 Applied Statistics	4 credits

Plus three additional mathematics courses from among the following. Other mathematics courses at the 200-level or above may be substituted, with advisement. At least one of these additional courses must be at the 300-level.

- MAT213 Multivariate Calculus
- MAT225 Discrete Math
- MAT322 Differential Equations
- MAT329 Elementary Linear Algebra
- MAT413 Applied Statistics II
- MAT428 Linear Algebra

*Students taking Principles of Economics (4 credits) should not take Principles of Microeconomics or Macroeconomics. Only six hours of Principles credits will count toward the 27 required credit hours in Economics.

Economics – B.S. Social Science Concentration

Intended for students pursuing a broad based approach to understanding contemporary social issues, the social science concentration would be similar to the now defunct B.A. in Economics, though without the foreign language requirement. Students are encouraged to consider studying a foreign language as a purposeful use of some of their free elective credits.

Required Economics Courses (27 credits)

ECN 101	Principles of Macroeconomic*	3 credits
ECN 102	Principles of Microeconomics	3 credits
ECN 270	Intermediate Macroeconomics	3 credits
ECN 280	Managerial Economics	3 credits
Economics Electives at the 300-level or higher		<u>15 credits</u>
		27 credits

Mathematics Sequence (10-11 credits)

MAT 108	Finite Math or MAT 124 Pre-Calculus	3 credits
MAT 181	Applied Calculus or MAT 211 Calculus I	3-4 credits
MAT 170	Elementary Statistics for Social Sciences or MAT313 Applied Statistics	4 credits

Allied Fields (18 credits)

Students concentrating in the social sciences must take the following courses and credits in the appropriate allied fields.

Political Science 6 credits
PLS 100
Political Science elective at the 300-level or higher, with advisement

Sociology or Anthropology 6 credits
SOC 101 Introduction to Sociology: Society & Diversity **or**
ANT111 Cultural Anthropology
Plus a 300-level elective in either disciplines selected, with advisement

Geography, History or Philosophy 6 credits
Two courses from one of these disciplines inclusive of a 300-level elective selected, with advisement

*Students taking Principles of Economics (4 credits) should not take Principles of Microeconomics or Macroeconomics. Only six hours of Principles credits will count toward the 27 required credit hours in Economics.