ECONOMICS - ECO

ECO 101 Principles of Macroeconomics  3 Credits  
Explanation of market system through supply and demand analysis. 
Measurement of macroeconomic variables and development of economic 
models to analyze problems of unemployment, inflation and economic 
growth. Various fiscal and monetary policies will be discussed.  
Fulfills College Core: Field 5 (Social Sciences)  
Offered: every fall & spring.

ECO 102 Principles of Microeconomics  3 Credits  
Explanation of how the market system operates in the context of limited 
resources. Emphasis on the manner in which consumers and firms determine 
what to produce, how to produce and for whom to produce.  
Offered: every fall & spring.

ECO 205 Intermediate Microeconomic Analysis  3 Credits  
Analysis of demand and supply under various market structures. 
Cost and production theory, factor pricing, and welfare economics.  
Prerequisite: ECO 101 & ECO 102.  
Offered: fall & spring.

ECO 206 Intermediate Macroeconomic Analysis  3 Credits  
The determination of national income and product in the short run and long 
run. Unemployment, inflation, fiscal and monetary policy will be examined in 
the context of static and dynamic macroeconomic models.  
Prerequisite: ECO 101 & ECO 102.  
Offered: fall & spring.

ECO 255 Business Statistics  3 Credits  
Fundamental concepts of probability and statistics with emphasis on business 
and economic applications. Organizing and describing data, probability 
theory, sampling, estimation and hypothesis testing.  
Offered: occasionally.

ECO 256 Business Analytics  3 Credits  
Hypothesis testing, regression analysis, goodness of fit, contingency tables, 
analysis of variance, time series analysis and forecasting.  
Prerequisite: ECO 255.  
Offered: every fall & spring.

ECO 310 Introduction to Geographic Information Systems  3 Credits  
An applied introduction to Geographic Information Systems (GIS), 
a mapping and spatial analysis tool that is widely used in education, 
government, and industry to solve spatial problems. This course combines 
lectures and hands-on exercises and provides students the opportunity to 
use ArcGIS software.  
Prerequisite: ECO 101 & ECO 102, or permission of the instructor. Offered 
occasionally.

ECO 311 Metropolitan Economic Development and GIS  3 Credits  
Economic development is an essential component of local policy and 
governing, and a perceived driver of success and vitality for cities, 
metropolitan areas and regions. This applied course will introduce students 
to basic economic development theory and commonly used economic 
performance measures within a Geographic Information Systems (GIS) 
environment.  
Prerequisite: ECO 101 & ECO 102.  
Offered: fall.

ECO 321 Economic Impact Analysis  3 Credits  
Estimation of the impact of investment, public spending, and changes in 
taxation or regulatory policy on a regional economy. The impact of a new 
project on sales, income and employment will be projected. Case studies 
and hands-on experience using multiple software packages will be used to 
conduct analysis.  
Prerequisite: ECO 101, ECO 102 & ECO 255.  
Offered: spring.

ECO 330 Money, Banking and the Economy  3 Credits  
The connection between financial markets, the economy and the Federal 
Reserve. Examination of the nature of financial markets, the determination 
of interest rates, bank management and regulation, money and monetary 
policy. Emphasis on the impact of monetary policy on the macro economy. 
This course also serves as a Finance elective.  
Prerequisite: ECO 101 & ECO 102.  
Offered: fall.

ECO 401 Public Economics  3 Credits  
A microeconomic analysis of the role of the public sector in resource 
allocation. Topics include the theory of market failures, alternative 
corrective measures for market failures, efficiency/equity analysis of taxes 
and public expenditure programs.  
Prerequisite: ECO 101, ECO 102. Offered occasionally.  
Fulfills College Core: Justice

ECO 410 Economic Research Methodology  3 Credits  
Economic Research Methodology is a course where the tools of 
microeconomics, macroeconomics and statistics are applied to analysis of 
economic data at both the national and local levels. The course will focus on 
Bureau of the Census and Bureau of Labor Statistics data in the analysis of 
labor markets and other behavioral economic issues.  
Prerequisite: ECO 101, ECO 102, ECO 256.  
Offered: occasionally.

ECO 411 State and Local Finance  3 Credits  
Municipal credit risk and municipal bonds analysis of revenue sources for 
state and local governments. Public/ private sector interaction in urban 
areas, city-suburban fiscal disparity and competition, state/local government 
structure, inter-governmental relations. This course also serves as a Finance 
elective.  
Prerequisite: ECO 101, ECO 102, & ECO 256 (or equivalent).  
Offered: every spring.

ECO 455 Econometrics  3 Credits  
Estimation and analysis or linear and non-linear regression models using 
statistical inerence. Topics include: multicollinearity, heteroskedastic and 
seriellly correllated errors, forecasting, dummy variables and simultaneous 
equation models. Emphasis on analysis of data using EViews econometric 
software. A good course for those contemplating graduate school.  
Prerequisite: ECO 101 & ECO 102.  
Offered: every spring.

ECO 497 Internship  3 Credits  
Student must complete a WSB Internship Application Form. May be used for 
Economics elective credit. Pass/Fail only.  
Prerequisite: student must complete a WSB Internship Application and 
obtain the approval of a faculty supervisor, department chair, & associate 
dean.
ECO 499 Independent Research  
1-3 Credits

Students must work with a faculty mentor to develop their learning goals and complete a Wehle School of Business Independent Study Application Form.

Prerequisite: student must complete a WSB Independent Study Application Form and obtain the approval of a faculty supervisor, department chair, & the associate dean.