ECONOMICS - ECO

ECO 101 Principles of Macroeconomics 3 Credits
Explaination 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)

ECO 102 Principles of Microeconomics 3 Credits
Explaination 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 301 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.
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 inference. Topics include: multicollinearity, heteroskedastic and
serially correlated 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.