### 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)

**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.  
Fulfills College Core: Field 5 (Social Sciences)

**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: every fall & spring.

**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 make 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 320 Environmental Economics**  
3 Credits  
How economic analysis can be applied to promote the efficient and equitable use of natural resources, such as land, air, soil, fauna and flora. Emphasis on how the principles of economic analysis can be applied to design policies that reduce or eliminate harmful environmental impacts such as pollution and environmental degradation and improve human welfare through natural resource management. Examines how best to strike a balance between economic activity and environmental quality.  
Prerequisite: ECO 101 & ECO 102. Offered occasionally

**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 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: spring

**ECO 455 Econometrics**  
3 Credits  
Theory and practice of international trade, why countries trade, what explains the patterns of trade, and what are the effects of trade on a country’s welfare and income distribution. Analysis of international trade policies and their implications.  
Prerequisite: ECO 101 & ECO 102. offered occasionally

**ECO 460 International Trade**  
3 Credits  
Theory and practice of international trade, why countries trade, what explains the patterns of trade, and what are the effects of trade on a country’s welfare and income distribution. Analysis of international trade policies and their implications.  
Prerequisite: ECO 101 & ECO 102.  
Fulfills College Core: Global Awareness

**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.