

ECONOMICS (ECN)

ECN 500 Selected Topics (1-6 Credits)

Maxwell

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester. Repeatable

ECN 502 Advanced Macroeconomics (3 Credits)

Maxwell

ECN 505 Mathematical Economics (3 Credits)

Maxwell

Introduction to use of basic mathematical techniques in economic analysis.

Prereq: (ECN 301 or ECN 311) and (MAT 295 and MAT 296)

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>); Scientific Inquiry and Research Skills (<https://coursecatalog.syracuse.edu/shared-competencies/scientific-inquiry-and-research-skills/>)

ECN 510 Special Topics in Economics (3 Credits)

Maxwell

Various special topics of economics issues offered as available.

Repeatable 6 times for 18 credits maximum

Prereq: ECN 301 or 311

ECN 521 Economic Statistics (3 Credits)

Maxwell

Statistical methods applied to economics. Conventional descriptive statistics, conceptual and measurement problems peculiar to economics. Analytical statistics, including time-series analysis, elementary theory of probability and statistical inference, correlation and regression analysis. Nonparametric methods. This course is not suitable for students who have taken six credits of statistics to fulfill their quantitative skills requirement. Quantitative skill requirements of liberal arts core is recommended.

Prereq: ((ECN 101 and ECN 102) or (ECN 101 and ECN 203)) and (MAT 295 and MAT 296)

Shared Competencies: Scientific Inquiry and Research Skills (<https://coursecatalog.syracuse.edu/shared-competencies/scientific-inquiry-and-research-skills/>)

ECN 522 Econometric Methods (3 Credits)

Maxwell

Statistical procedures. Problems of estimating parameters in regression models of economic behavior.

Prereq: (ECN 302 and 521) and (ECN 301 or 311)

Shared Competencies: Scientific Inquiry and Research Skills (<https://coursecatalog.syracuse.edu/shared-competencies/scientific-inquiry-and-research-skills/>)

ECN 525 Economics and Gender (3 Credits)

Maxwell

Cross-listed with WGS 525

Offered only in Strasbourg. European economy, with central focus on economic principles underlying decisions to create and extend scope of European Community and on economic policies EU has followed since creation.

ECN 566 International Macroeconomics and Finance (3 Credits)

Maxwell

Monetary, fiscal, and regulatory consequences of mushrooming international financial markets including equities, bonds and other securities, commodity and options contracts, and bank deposits and loans.

Prereq: ECN 302

ECN 567 Foreign Econ Pol of U.S. (3 Credits)

Maxwell

ECN 575 Law and Market Economy (1 Credit)

Maxwell

Double-numbered with LAW 733

Use of economic tools in the analysis of law and legal regulations, including use of economic incentives to analyze evolution of legal institutions and impact of these institutions on economic dynamics.

Advisory recommendation Prereq: (ECN 301 or 311) and ECN 302

ECN 580 International Course (1-12 Credits)

Maxwell

Offered through SUAbroad by educational institution outside the United States. Student registers for the course at the foreign institution and is graded according to that institution's practice. SUAbroad works with the S.U. academic department to assign the appropriate course level, title, and grade for the student's transcript.

Repeatable

ECN 600 Selected Topics (1-6 Credits)

Maxwell

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester. *

Repeatable

ECN 601 Survey Microeconomic Theory (3 Credits)

Maxwell

Microeconomics. For graduates with little recent work in economics.

ECN 602 Survey Macroeconomic Theory (3 Credits)

Maxwell

Macroeconomics. For graduates with little recent work in economics.

ECN 603 Survey of Econometric Theory (3 Credits)

Maxwell

Random variables, probability and characteristic functions, transformations, moments, linear algebra, sampling theory, estimation, efficiency, asymptotics, maximum likelihood estimation, hypothesis test, ordinary least squares, specification issues, generalized least squares, two-stage least squares, limited dependent variable estimators, panel data estimators.

Advisory recommendation Prereq: ECN 522 and ECN 605

ECN 604 Economics for Managers (3 Credits)

Maxwell

Micro- and macroeconomic theory for managerial decision making. Forecasting. Not open to students seeking advanced degrees in economics.

ECN 605 Mathematics for Economists (3 Credits)

Maxwell

A review of mathematical techniques required in economics. Calculus, matrix, algebra, difference and differential equations, and set theory. Open to economics Ph.D. and Applied Statistics masters students only. Two semesters of calculus required.

ECN 606 Microeconomic Analysis (3 Credits)*Maxwell*

Consumer and producer theory. Open to Economics PhD students only.
Prereq: ECN 605

ECN 610 Special Topics in Economics (3 Credits)*Maxwell*

Various special topics of economics issues offered as available.
Repeatable 6 times for 18 credits maximum
Advisory recommendation Prereq: ECN 601

ECN 611 Microeconomics I (3 Credits)*Maxwell*

General equilibrium theory.
Advisory recommendation Prereq: ECN 605

ECN 612 Microeconomics II (3 Credits)*Maxwell*

Game theory and applied microeconomic theory.
Advisory recommendation Prereq: ECN 611

ECN 613 Macroeconomics I (3 Credits)*Maxwell*

Aggregate economic analysis. Emphasizes macroeconomic models and main currents in contemporary macroeconomic thought.

ECN 614 Macroeconomics II (3 Credits)*Maxwell*

Advanced topics and recent developments in macroeconomics. Inflation theory, monetary theory, open economies, rational expectations, and current controversies.
Advisory recommendation Prereq: ECN 613

ECN 615 History of Economic Thought (3 Credits)*Maxwell*

Economic theories from antiquity to the 20th century.

ECN 620 Foundations of Econometrics (3 Credits)*Maxwell*

Probability and statistics. Random variables, joint probability distributions, point estimation, and hypothesis testing procedures.
May not be repeated for credit. Open to economics Ph.D. and Applied Statistics masters students only. Two semesters of calculus required.

ECN 621 Econometrics I (3 Credits)*Maxwell*

Mathematical formulation of economic models. Statistical problems of estimating parameters in regression analysis.
Advisory recommendation Prereq: ECN 605 and ECN 620

ECN 622 Econometrics II (3 Credits)*Maxwell*

Estimation problems and techniques in more complex economic models.
Advisory recommendation Prereq: ECN 621

ECN 623 Econometrics III (3 Credits)*Maxwell*

Estimation techniques for microeconomic policy analysis.
Prereq: ECN 621

ECN 631 Public Finance (3 Credits)*Maxwell*

Economics of expenditure and taxation decisions of U.S. federal government. Public choice, economics of transfer payments to individuals, personal and corporate income taxation, and economics of social security program. For Master's candidates.

ECN 635 State-Local Public Finance and Fiscal Policy (3 Credits)*Maxwell*

Cross-listed with PAI 735

Key aspects in finance and fiscal policy, state-local roles in a modern economy on the expenditure and revenue side of decisions in an urban setting. Course emphasizes understanding of the mechanisms of fiscal and economic policy and the skills for the analysis and design of policies.
Advisory recommendation Prereq: ECN 601

ECN 641 Wkshp:Structure/Finance Metro. (3 Credits)*Maxwell***ECN 655 Economics of Health and Medical Care (3 Credits)***Maxwell*

Economic theory, empirics and public policy concerning health and medical care in the U.S. Primary objective to analyze health care problems from an economic perspective.
Advisory recommendation Prereq: ECN 601

ECN 661 Economics of Development (3 Credits)*Maxwell*

Cross-listed with PAI 757

Economic development in international settings. Labor and employment, population, education, health and nutrition. Why some countries have rapid economic development, and others low growth and pervasive poverty.
Advisory recommendation Prereq: PAI 723

ECN 662 Public Finance in Developing Areas (3 Credits)*Maxwell*

Cross-listed with PAI 758

Public finance in less-developed countries. Urban taxation and provision of public services. Considering efficiency and equity issues.
Advisory recommendation Prereq: PAI 723

ECN 665 International Economics (3 Credits)*Maxwell*

Balance of payments, foreign exchange markets, international trade theory, tariffs, quotas adjustment mechanisms, and exchange controls.

ECN 670 Experience Credit (1-6 Credits)*Maxwell*

Participation in a discipline or subject related experience. Student must be evaluated by written or oral reports or an examination. Permission in advance with the consent of the department chairperson, instructor, and dean. Limited to those in good academic standing.
Repeatable

ECN 680 International Course (1-12 Credits)*Maxwell*

Offered through SUAbroad by educational institution outside the United States. Student registers for the course at the foreign institution and is graded according to that institution's practice. SUAbroad works with the S.U. academic department to assign the appropriate course level, title, and grade for the student's transcript.

ECN 681 Money,Banking&Monetary Policy (3 Credits)*Maxwell*

Financial instruments and structure, banking organization and regulation. Money supply determination control and policy. The Federal Reserve: structure and policy instruments. Master's or doctoral candidates only.
Advisory recommendation Prereq: ECN 602

ECN 690 Independent Study (1-6 Credits)*Maxwell*

Exploration of a problem, or problems, in depth. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor(s) and the department.

Repeatable

ECN 700 Selected Topics (1-6 Credits)*Maxwell*

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester.

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Repeatable

ECN 705 Advanced Mathematical Econ. (3 Credits)*Maxwell*

Advisory recommendation Prereq: ECN 612, 614

ECN 710 Advanced Theory (3 Credits)*Maxwell*

Repeatable

Advisory recommendation Prereq: ECN 612, 614

ECN 720 Topics in Econometrics (3 Credits)*Maxwell*

Selected topics in applied and advanced econometrics.

Repeatable 4 times for 12 credits maximum

Advisory recommendation Prereq: ECN 622

ECN 731 Public Expenditures (3 Credits)*Maxwell*

Theory of public goods; incidence of expenditures; intergovernmental relations; expenditure determinants, benefit-cost analysis.

ECN 732 Taxation (3 Credits)*Maxwell*

Tax structures at federal, state, and local levels. Incidence and effects of property, income, and commodity taxation. Analysis of tax equity.

ECN 741 Urban Economics (3 Credits)*Maxwell*

Urban land-use patterns, transportation, and housing. Theoretical and quantitative framework.

ECN 745 Regional Economics (3 Credits)*Maxwell*

Theory and analysis of regional economics; interregional income theory and factor movements, regional growth, accounts, and policy.

ECN 751 Labor Economics I (3 Credits)*Maxwell*

Theory and evidence. Static and dynamic models of labor supply and demand, human capital, wage determination, and effects of family background on labor market outcomes.

ECN 752 Labor Economics II (3 Credits)*Maxwell*

Income distribution, effects of health on work and wages, discrimination, retirement decisions, and impacts of government programs and policies.

Advisory recommendation Prereq: ECN 751

ECN 765 Advanced International Trade (3 Credits)*Maxwell*

Trade theory, derivation of models, theory of protection. Impact of technology, market structure, and taxation on pattern of trade.

ECN 766 Advanced International Finance (3 Credits)*Maxwell***ECN 776 Economics of Science and Technology (3 Credits)***Maxwell*

Cross-listed with PAI 776

Interaction of technological change and policy. Introduction to the economic analysis of knowledge as a public good. Diffusion of knowledge and the role knowledge transfer plays in the industrialized world and in the economic growth of developing nations.

Advisory recommendation Prereq: PAI 723 or ECN 601

ECN 777 Economics of Environmental Policy (3 Credits)*Maxwell*

Cross-listed with PAI 777

How economic incentives may lead to environmental problems and how policy can maintain or improve environmental quality. Methods for valuing the benefits of environmental amenities. Discussion of global environmental policy, including the effects of environmental policy on economic growth.

Advisory recommendation Prereq: PAI 723 or ECN 601

ECN 778 Development Finance: Building Inclusive Financial Systems (3 Credits)*Maxwell*

Cross-listed with PAI 778

Focus on how to build the policy and institutional infrastructure for delivering financial services that serve the poor.

ECN 790 Independent Study (1-6 Credits)*Maxwell*

Exploration of a problem, or problems, in depth. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor(s) and the department.

Repeatable

ECN 800 Selected Topics (1-6 Credits)*Maxwell*

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester.

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Repeatable

ECN 820 Dissertation Workshop I (3 Credits)*Maxwell*

For dissertators at all stages, providing critical feedback for those who are advanced and guidance for those who are beginning. Coverage includes: establishing a topic (originality, importance, search); trade off and balance between theory and empirical research; oral and written presentation, packaging, persuasion.

Repeatable

ECN 821 Dissertation Workshop II (3 Credits)*Maxwell*

This course is intended to give experience in writing and presenting papers as well as evaluation of classmates' papers. Third- and fourth-year graduate economics students.

Repeatable

ECN 830 Seminar/Workshop Public Econ (3 Credits)*Maxwell*

Repeatable

ECN 865 Topics International Economics (3 Credits)*Maxwell*

Understanding of the intuition, theory, and methods underlying current research on trade and trade policy. Overall picture of research on international trade policy.

Advisory recommendation Prereq: ECN 765 or 665

ECN 970 Experience Credit (1-6 Credits)

Maxwell

Participation in a discipline or subject related experience. Student must be evaluated by written or oral reports or an examination. Permission in advance with the consent of the department chairperson, instructor, and dean. Limited to those in good academic standing.

Repeatable

ECN 990 Independent Study (1-6 Credits)

Maxwell

Exploration of a problem, or problems, in depth. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor(s) and the department.

Repeatable

ECN 997 Masters Thesis (1-6 Credits)

Maxwell

Repeatable

ECN 999 Dissertation (1-15 Credits)

Maxwell

Repeatable