DEPARTMENT OF ECONOMICS

College of Business Administration
Department of Economics
480 Business Administration Building
Kent Campus
330-672-2366
economics@kent.edu
www.kent.edu/business/economics

Undergraduate Programs

• Economics - B.B.A.

Minors

• Data Analytics
• Economics

Graduate Programs

• Economics - M.A.E.

Department of Economics Faculty

• Bagheri, Omid (2017), Assistant Professor, Ph.D., Virginia Polytechnic Institute and State University, 2017
• Barnette, Justin (2011), Assistant Professor, Ph.D., University of Minnesota, Twin Cities, 2012
• Dechenaux, Emmanuel (2004), Professor, Ph.D., Purdue University, 2004
• ElBahnasawy, Nasr G. (2007), Associate Professor, Ph.D., Colorado State University, 2008
• Ellis, Michael A. (1990), Professor, Ph.D., Texas A&M University, Main Campus, 1991
• Engelhardt, Lucas M. (2010), Associate Professor, Ph.D., The Ohio State University, 2010
• Greenhalgh-Stanley, Nadia (2009), Associate Professor, Ph.D., Syracuse University, 2009
• Harris, Jeremiah R. (2014), Assistant Professor, Ph.D., Purdue University, 2014
• Hayduk, Iryna (2014), Assistant Professor, Ph.D., University of Houston, 2014
• Johnson, Eric D. (2005), Associate Professor, Ph.D., University of California, San Diego, 1997
• Kang, Wensheng (2009), Associate Professor, Ph.D., University of Missouri, 2009
• Leontieva, Ludmila (2007), Assistant Professor
• Liu, Dandan (2008), Associate Professor, Ph.D., Texas A&M University, Main Campus, 2005
• Mukherjee, Deepraj (2012), Associate Professor, Ph.D., University of Memphis, 2010
• Park, Jooyoun (2009), Associate Professor, Ph.D., University of Michigan, 2009
• Reynolds, Curtis (2007), Associate Professor, Ph.D., University of Michigan, 2007
• Sahajdack, Thomas (2016), Assistant Professor, Ph.D., University of Illinois, 2016
• Shaeye, Abdihafit (2018), Assistant Professor, Ph.D., University of Wisconsin, Milwaukee, 2017

Economics (ECON)

ECON 12060 PERSONAL FINANCE 3 Credit Hours
Examines economic issues and problems of everyday life. Goal is to enable individuals to analyze their personal finances in order to learn how to get the most out of their income, increase income through a better understanding of possible investments, and protect what they have through selecting appropriate insurance. Topics covered include budgeting and financial planning, federal income taxes, insurance, borrowing, and investment principles and strategies.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 22060 PRINCIPLES OF MICROECONOMICS (KSS) 3 Credit Hours
Course discusses decision-making by buyers, sellers, and governments and how their interaction affects market determination of prices. Students compare outcomes and firm decisions in different market structures. Students develop tools to examine social problems such as poverty, crime, pollution and international relations, as well as make better decisions in their own lives.
Prerequisite: Minimum 45 ALEKS math score; or minimum 22 ACT math score; or minimum 530 SAT math score; or MATH 00023 or any higher level MATH course.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Kent Core Social Sciences, TAG Social and Behavioral Sciences, Transfer Module Social Sciences

ECON 22061 PRINCIPLES OF MACROECONOMICS (KSS) 3 Credit Hours
Principles and policies affecting aggregate production, consumption, investment and government expenditures. Includes role of money, the banking system, inflation, unemployment and economic growth.
Prerequisite: ECON 22060.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Kent Core Social Sciences, TAG Social and Behavioral Sciences, Transfer Module Social Sciences

ECON 32025 MONEY, CREDIT AND BANKING 3 Credit Hours
Organization of our money, credit and banking system principles and problems of monetary policy.
Prerequisite: ECON 22060 and 22061.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
ECON 32040  INTERMEDIATE MICROECONOMIC THEORY AND APPLICATIONS  3 Credit Hours
The study of individual choices under conditions of relative scarcity, and their consequences for prices and the allocation of resources in the economic system. Develops the analytical and theoretical tools pertinent in determining how scarce resources are allocated among competing wants and demonstrates how these tools are used in real world applications.
Prerequisite: ECON 22060 and 22061.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 32041  INTERMEDIATE MACROECONOMIC THEORY AND POLICY  3 Credit Hours
This course analyzes key drivers of an economy's GDP, consumption, investment and interest rates. The class will examine economic growth and how it can be impacted by public policy. Students will understand the uses and limitations of a macroeconomic model and will be exposed to the two main schools of thought in macroeconomics. National and international data will be used to better understand these concepts.
Prerequisite: ECON 22060 and 22061.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 32050  APPLIED ECONOMETRICS I (ELR)  3 Credit Hours
The course provides an introduction to the use of statistical analysis in economics. The initial part of the course reviews relevant concepts from probability and statistics. The second course segment focuses on linear regression analysis and the properties of regression estimators. The final course segment discusses extensions of the linear model, and considers problems that may arise in application including omitted variables, nonlinearity, measurement error, sample selection, heteroscedasticity and causality. The SAS statistical software package is used throughout the course for data analysis. Over the second half of the course, students complete an empirical project which requires students to connect the course concepts to the analysis of an economic policy question in a real world data set.
Prerequisite: MATH 11012 or MATH 12002; and ECON 22060; and MGMT 24056 or MATH 10041 or MATH 20011.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

ECON 32051  APPLIED ECONOMETRICS II  3 Credit Hours
The course provides a continuation of Applied Econometrics I, extending the basic linear regression models to more advanced models using cross-sectional, panel or time series data. The initial part of the course focuses on models for discrete and limited dependent variables. The second course segment addresses estimation methods for panel data. The final course segment provides an overview of time series estimation with an emphasis on forecasting in economic data.
Prerequisite: ECON 32050.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 32070  LABOR PROBLEMS  3 Credit Hours
Surveys of the major institutions, features and functioning of the labor market as well as some of its outstanding problems. Does not count toward economics major or minor. Not open to students who have completed ECON 42072.
Prerequisite: ECON 22060 and 22061.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 32082  INTRODUCTION TO MANAGERIAL ECONOMICS  3 Credit Hours
Combines economic theory and quantitative analysis to develop resource-allocation decision-making skills which enable managers to evaluate problems, identify possible solutions and finally implement and monitor the best alternative to accomplish their stated objectives. Covers such topics as supply and demand, consumer theory, production, costs, contracts, game theory, principal-agent problems, and the basic economic models of perfect competition, oligopoly,monopolistic competition and monopoly. Cannot be taken by economics majors. Not open to students who have completed ECON 32040.
Prerequisite: ECON 22060.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Diversity Domestic

ECON 42050  DATA ACQUISITION, PREPARATION AND VISUALIZATION  3 Credit Hours
(Slashed with ECON 52050) Accessing and collecting data from existing sources (databases and raw data), transformation of raw data into formats that can be used for final analysis, techniques for presentation and visualization of data, predictive analytics using machine learning and cross validation. Students will perform some work in SAS but will also be introduced to the R statistical language.
Prerequisite: MGMT 24056.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
ECON 42065 PROBLEMS OF MONETARY AND FISCAL POLICY 3 Credit Hours
Analysis of objectives, techniques and economic effects of monetary and fiscal policies.
Prerequisite: ECON 32041.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 42066 ECONOMICS OF ENTREPRENEURSHIP 3 Credit Hours
(Slashed with ECON 52066) This course presents a wide-ranging overview of the place of economics in entrepreneurship, with a special focus on how economic research is conducted to study the determinants of entrepreneurship.
Prerequisite: ECON 22060.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 42068 INDUSTRIAL ORGANIZATION: FIRMS AND STRATEGY 3 Credit Hours
(Slashed with ECON 52068) Theoretical, empirical and critical examination of structure, operation and performance of industrial markets in American economy.
Prerequisite: ECON 32040.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 42070 GAME THEORY 3 Credit Hours
Introduction to game theory and its application to economics. Analysis of strategic behavior by economic agents using equilibrium concepts from non-cooperative game theory.
Prerequisite: ECON 22060 and ECON 22061.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 42072 LABOR ECONOMICS: WORK AND PAY 3 Credit Hours
(Slashed with ECON 52072) The economic analysis of the decisions of workers and firms in determination of wages and employment. Topics include labor supply decisions, marginal productivity theory, discrimination, demand for education, effects of trade unions, immigration and growing wage inequality.
Prerequisite: ECON 32040.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 42075 INTERNATIONAL ECONOMIC RELATIONS 3 Credit Hours
Principles, problems and policies of international economic relations with extensive references to the United States, Western Europe, Latin America and former communist countries. Covers international aspects of interdependence, cooperation and multinational institutions.
Prerequisite: ECON 22060 and 22061.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 42076 ECONOMIC DEVELOPMENT 3 Credit Hours
(Slashed with ECON 52076) Analysis of nature of significance of barriers to and future potential for economic development of a nation. Special emphasis on theories and strategic factors pertaining to economic growth.
Prerequisite: ECON 22060 and 22061.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 42079 EUROPEAN ECONOMIC ISSUES 3 Credit Hours
(Slashed with ECON 52079) This course examines current economic issues in the European Union, including the monetary union and Euro, unemployment, immigration, health care, social security, poverty and inequality, and plans for expansion. The historical development and structure of the EU will also be covered and the role of cultural influences will be explored. In some semesters the course includes a required trip to visit European institutions over the Spring Break, at an additional fee.
Prerequisite: ECON 22060 and ECON 22061; and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 42080 REGIONAL ECONOMICS 3 Credit Hours
(Slashed with ECON 52080) Examines techniques of regional economic analysis to promote understanding of interregional disparities in developed nations and suggests policy alternatives for alleviating problems arising from disparities.
Prerequisite: ECON 22060 and 22061.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 42081 URBAN ECONOMICS: CITIES AND HOUSING 3 Credit Hours
(Slashed with ECON 52081) This course is an introduction to the field of urban economics. Urban economics is the study of the location decisions of households and firms. We will explore why cities exist, why firms cluster together, why people live in cities, and other issues such as education, discrimination in housing, the housing crisis and crime. A heavy emphasis in this class will be placed on the study of housing markets, policy and neighborhood choice.
Prerequisite: ECON 22060 and ECON 22061.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 42085 PUBLIC ECONOMICS: GOVERNMENT AND POLICY 3 Credit Hours
(Slashed with ECON 52085) Examination of the role of government in the economy, including market failures, the efficiency and equity of taxation, government involvement in health care, education, and income distribution, and current government policy issues.
Prerequisite: ECON 22060.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
ECON 42086  ECONOMICS OF HEALTH CARE   3 Credit Hours
(Slashed with ECON 52086) This is a one-semester course on a topic of major policy interest, particularly given the current health care reform debate. It is impossible to turn on the news today and not hear a story about the health care industry. Health care accounts for almost 20 percent of all that is produced in the United States. In addition, it has been a major political issue in recent years. The overall objective of the course is to use concepts and tools of economics to understand and evaluate what has and is happening in the health care profession and current policies under consideration.
Prerequisite: ECON 22060.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 42189  INTERNATIONAL ECONOMIC EXPERIENCE (ELR)   3 Credit Hours
(Slashed with ECON 52189) Firsthand exposure to international economics. Includes pre-trip orientation sessions, visits to international businesses and organizations, and opportunities for cultural activities.
Prerequisite: Economics major or minor; and junior standing; and special approval.
Schedule Type: International Experience
Contact Hours: 9 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

ECON 42191  SENIOR SEMINAR IN ECONOMICS (WIC)   3 Credit Hours
Advanced investigation of selected topics in economic analysis and issues in economic policy.
Prerequisite: ECON 32050, ECON 32040 and ECON 32041 with a minimum C- grade.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter
Attributes: Writing Intensive Course

ECON 42293  VARIABLE TOPIC WORKSHOP IN ECONOMICS   1-6 Credit Hours
(Repeated registration permitted when topic varies; repeatable for a total of 18 hours) various special workshops will be announced in the schedule of classes under this course number.
Prerequisite: Permission.
Schedule Type: Workshop
Contact Hours: 1-6 other
Grade Mode: Satisfactory/Unsatisfactory

ECON 42295  SPECIAL TOPICS IN ECONOMICS   3 Credit Hours
(Repeatable for a maximum of 9 credit hours) (Slashed with ECON 52295)
Various special topics will be announced in the schedule of classes under this course number.
Prerequisite: Special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 42296  INDIVIDUAL INVESTIGATION IN ECONOMICS   1-3 Credit Hours
(Repeatable for credit) Independent study done under the supervision of a faculty member. Written approval of supervising faculty member and department chair required prior to registration.
Prerequisite: Senior Economics major; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Standard Letter

ECON 42297  VARIABLE TOPIC COLLOQUIUM IN ECONOMICS   1-3 Credit Hours
(Repeated registration permitted when topic varies; repeatable for a total of 9 credit hours) Various special colloquia will be announced in the schedule of classes under this course number.
Prerequisite: Permission.
Schedule Type: Colloquium
Contact Hours: 1-3 other
Grade Mode: Standard Letter

ECON 42298  RESEARCH IN ECONOMICS (ELR)   1-6 Credit Hours
(Repeatable for credit) Research project done under the supervision of a faculty member. Written approval of supervising faculty member and department chair required prior to registration.
Prerequisite: Senior Economics major; and special approval.
Schedule Type: Research
Contact Hours: 1-6 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

ECON 42299  SENIOR PROJECT (ELR)   1-3 Credit Hours
(Repeatable for credit) Thesis or independent study project done under the supervision of a faculty member. Written approval of supervising faculty member and department chair required prior to registration.
Prerequisite: Senior economics major; and special approval.
Schedule Type: Senior Project/Honors Thesis
Contact Hours: 1-3 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement
ECON 52050  DATA ACQUISITION, PREPARATION AND VISUALIZATION  
3 Credit Hours
(Slashed with ECON 42050) Accessing and collecting data from existing sources (databases and raw data), transformation of raw data into formats that can be used for final analysis, techniques for presentation and visualization of data, predictive analytics using machine learning and cross validation. Students will perform some work in SAS but will also be introduced to the R statistical language.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 52065  PROBLEMS OF MONETARY AND FISCAL POLICY  
3 Credit Hours
Study of monetary and fiscal policy frameworks and the problems in conducting monetary and fiscal policies.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 52066  ECONOMICS OF ENTREPRENEURSHIP  
3 Credit Hours
(Slashed with ECON 42066) This course presents a wide-ranging overview of the place of economics in entrepreneurship, with a special focus on how economic research is conducted to study the determinants of entrepreneurship.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 52068  INDUSTRIAL ORGANIZATION: FIRMS AND STRATEGY  
3 Credit Hours
(Slashed with ECON 42068) Theoretical, empirical and critical examination of structure, operation and performance of industrial markets in American economy.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 52072  LABOR ECONOMICS: WORK AND PAY  
3 Credit Hours
(Slashed with ECON 42072) The economic analysis of the decisions of workers and firms in determination of wages and employment.
Topics include labor supply decisions, marginal productivity theory, discrimination, demand for education, effects of trade unions, immigration and growing wage inequality. For students who did not attend Kent State University for their undergraduate degree, please contact the department for approval.
Prerequisite: ECON 32040; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 52076  ECONOMIC DEVELOPMENT  
3 Credit Hours
(Slashed with ECON 42076) Analysis of nature and significance of barriers to and future potential for economic development of a nation. Special emphasis on theories and strategic factors pertaining to economic growth.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 52079  EUROPEAN ECONOMIC ISSUES  
3 Credit Hours
(Slashed with ECON 42079) This course examines current economic issues in the European Issues, including the monetary union and Euro, unemployment, immigration, health care, social security, poverty and inequality, and plans for expansion. The historical development and structure of the EU are also covered and the role of cultural influences are explored. In some semesters the course includes a required trip to visit European institutions over the Spring Break, at an additional fee.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 52080  REGIONAL ECONOMICS  
3 Credit Hours
(Slashed with ECON 42080) Examines techniques of regional economic analysis to promote understanding of interregional disparities in developed nations and suggests policy alternatives for alleviating problems arising from disparities.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 52081  URBAN ECONOMICS: CITIES AND HOUSING  
3 Credit Hours
(Slashed with ECON 42081) This course is an introduction to the field of urban economics. Urban economics is the study of the location decisions of households and firms. We will explore why cities exist, why firms cluster together, why people live in cities, and other issues such as education, discrimination in housing, the housing crisis, and crime. A heavy emphasis in this class will be placed on the study of housing markets, policy, and neighborhood choice.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 52085  PUBLIC ECONOMICS: GOVERNMENT AND POLICY  
3 Credit Hours
(Slashed with ECON 42085) Examination of public expenditure and taxation policies including the theory of public goods, collective decision making, cost-benefit analysis, equity and efficiency aspects of taxation and current government policy issues.
Prerequisite: ECON 22060; and Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 52086  ECONOMICS OF HEALTH CARE  
3 Credit Hours
(Slashed with ECON 42086) This is a one-semester course on a topic of major policy interest, particularly given the current health care reform debate. It is impossible to turn on the news today and not hear a story about the health care industry. Health care accounts for almost 20 percent of all that is produced in the United States. In addition, it has been a major political issue in recent years. The overall objective of the course is to use concepts and tools of economics to understand and evaluate what has and is happening in the health care profession and current policies under consideration.
Prerequisite: ECON 22060; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
ECON 52189 INTERNATIONAL ECONOMICS EXPERIENCE 3 Credit Hours
(Slashed with ECON 42189) Firsthand exposure to international economics. Includes pre-trip orientation sessions, visits to international business and organizations, and opportunities for cultural activities.
Prerequisite: Graduate standing; and special approval.
Schedule Type: International Experience
Contact Hours: 9 other
Grade Mode: Standard Letter

ECON 52291 VARIABLE CONTENT SEMINAR IN ECONOMICS 1-4 Credit Hours
(Repeatable for a maximum of 12 credit hours) (Slashed with ECON 42291) Various special seminars will be announced in the schedule of classes under this course number.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Seminar
Contact Hours: 1-4 other
Grade Mode: Standard Letter

ECON 52293 VARIABLE TOPIC WORKSHOP IN ECONOMICS 1-6 Credit Hours
(Repeatable for a maximum of 18 credit hours) Various special workshops will be announced in the schedule of classes under this course number.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Workshop
Contact Hours: 1-6 other
Grade Mode: Satisfactory/Unsatisfactory

ECON 52295 SPECIAL TOPICS IN ECONOMICS 3 Credit Hours
(Repeatable for a maximum of 9 credit hours) (Slashed with ECON 42295) Various special topics will be announced in the schedule of classes under this course number.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 52297 VARIABLE TOPIC COLLOQUIUM IN ECONOMICS 1-3 Credit Hours
(Repeatable for a maximum of 9 credit hours) Various special colloquia will be announced in the schedule of classes under this number.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Colloquium
Contact Hours: 1-3 other
Grade Mode: Standard Letter

ECON 60199 THESIS I 2-6 Credit Hours
(Repeatable for credit) Thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.
Prerequisite: Graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ECON 60299 THESIS II 2 Credit Hours
Thesis students must continue registration each semester until all degree requirements are met.
Prerequisite: ECON 60199; and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ECON 62010 SURVEY OF ECONOMICS 3 Credit Hours
Survey of basic economic concepts and methods of analysis of both micro- and macroeconomics. Emphasis is placed on the use and relevance of economic concepts and tools in business decision-making.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 62015 ECONOMICS OF INFORMATION 3 Credit Hours
Introduction to microeconomic theory and decision-making and its applications to the information economy. Overview of the economics of information. Consumer behavior and production theory; the demand for information; information as a factor of production; information costs and pricing. Case studies in the information industry.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 62021 GLOBAL CONDITIONS AND MACROECONOMICS POLICY 2 Credit Hours
(Slashed with ECON 72021) Analysis of forces determining economic growth, employment, inflation and global economic environment with emphasis on understanding the business cycle and government stabilization policies.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

ECON 62022 MANAGERIAL ECONOMICS 2 Credit Hours
(Slashed with ECON 72022) Uses economic theory and quantitative methodologies to develop decision-making skills which enable managers of local, national and multinational companies to evaluate problems and allocate resources efficiently.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

ECON 62050 MICROECONOMIC THEORY I 3 Credit Hours
(Slashed with ECON 72050) Formal analysis of foundational models in microeconomics, including consumer and producer theory, an introduction to non-cooperative game theory, market equilibrium under various market structures and a discussion of market failures.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 62051 MACROECONOMIC THEORY I 3 Credit Hours
(Slashed with ECON 72051) Formal analysis of models in macroeconomics, including models of economic growth, business cycles, consumption, investment, and unemployment, with applications to the analysis of monetary and fiscal policies.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Grade Mode</th>
<th>Schedule Type</th>
<th>Prerequisite</th>
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<tr>
<td>ECON 62054</td>
<td>ECONOMETRICS I</td>
<td>3</td>
<td>Satisfactory/Unsatisfactory</td>
<td>Lecture</td>
<td>Graduate standing.</td>
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<tr>
<td>ECON 62055</td>
<td>ECONOMETRICS II</td>
<td>3</td>
<td>Satisfactory/Unsatisfactory</td>
<td>Lecture</td>
<td>ECON 62054; and graduate standing.</td>
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<tr>
<td>ECON 62056</td>
<td>TIME SERIES ANALYSIS</td>
<td>3</td>
<td>Satisfactory/Unsatisfactory</td>
<td>Lecture</td>
<td>ECON 62021; and graduate standing.</td>
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<td>ECON 62061</td>
<td>MONETARY THEORY AND POLICY</td>
<td>3</td>
<td>Satisfactory/Unsatisfactory</td>
<td>Lecture</td>
<td>ECON 32040 or ECON 62022; and ECON 62054 or MIS 84023; and graduate standing.</td>
</tr>
<tr>
<td>ECON 62072</td>
<td>ECONOMICS OF LABOR MARKETS</td>
<td>3</td>
<td>Satisfactory/Unsatisfactory</td>
<td>Lecture</td>
<td>ECON 62021 and ECON 62022; and graduate standing.</td>
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<tr>
<td>ECON 62076</td>
<td>INTERNATIONAL FINANCE</td>
<td>3</td>
<td>Satisfactory/Unsatisfactory</td>
<td>Lecture</td>
<td>Graduate standing.</td>
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<td>ECON 62077</td>
<td>ECONOMIC PROBLEMS OF DEVELOPING AREAS</td>
<td>3</td>
<td>Satisfactory/Unsatisfactory</td>
<td>Lecture</td>
<td>ECON 52076; and graduate standing.</td>
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<tr>
<td>ECON 62092</td>
<td>INTERNSHIP IN ECONOMICS</td>
<td>3</td>
<td>Satisfactory/Unsatisfactory</td>
<td>Practical Experience</td>
<td>Admitted to the Master of Arts in Economics program; and special approval.</td>
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<td>ECON 62095</td>
<td>SPECIAL TOPICS IN ECONOMICS</td>
<td>3</td>
<td>Satisfactory/Unsatisfactory</td>
<td>Lecture</td>
<td>Graduate standing; and special approval.</td>
</tr>
<tr>
<td>ECON 62096</td>
<td>INDEPENDENT STUDY</td>
<td>1-3</td>
<td>Satisfactory/Unsatisfactory</td>
<td>Individual Investigation</td>
<td>ECON 52076; and completed 4 courses from the MAE.</td>
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<tr>
<td>ECON 62098</td>
<td>RESEARCH</td>
<td>1-15</td>
<td>Satisfactory/Unsatisfactory</td>
<td>Research</td>
<td>Independent study on a particular project or sequence of subjects. Maximum of 6 semester hours of work may be earned in independent study although no more than 3 hours in any one semester.</td>
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<td>ECON 62180</td>
<td>REGIONAL ECONOMICS</td>
<td>3</td>
<td>Satisfactory/Unsatisfactory</td>
<td>Lecture</td>
<td>Graduate standing.</td>
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*ECON 62021 and ECON 62022 are prerequisites for some courses.*
<table>
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<tr>
<th>Course Code</th>
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<th>Credit Hours</th>
<th>Grade Mode</th>
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<tr>
<td>ECON 62199</td>
<td>THESIS I</td>
<td>2-6</td>
<td>Satisfactory/Unsatisfactory-IP</td>
<td>Thesis students must continue registration each semester until all degree requirements are met. Prerequisite: Graduate standing and special approval of adviser.</td>
</tr>
<tr>
<td>ECON 62299</td>
<td>THESIS II</td>
<td>2</td>
<td>Satisfactory/Unsatisfactory-IP</td>
<td>Thesis students must register for total of 6 hours, 2 to 6 hours in a single semester, distributed over several semesters if desired. Prerequisite: Masters Thesis</td>
</tr>
<tr>
<td>ECON 64004</td>
<td>QUANTITATIVE METHODS IN BUSINESS</td>
<td>3</td>
<td>Standard Letter</td>
<td>Uses economic theory and quantitative methodologies to develop decision-making skills which enable managers to evaluate problems and allocate resources efficiently. Prerequisite: Graduate standing.</td>
</tr>
<tr>
<td>ECON 72021</td>
<td>GLOBAL CONDITIONS AND MACROECONOMIC POLICY ANALYSIS</td>
<td>2</td>
<td>Standard Letter</td>
<td>Analysis of forces determining economic growth, employment, inflation and global economic environment with emphasis on understanding the business cycle and government stabilization policies. Prerequisite: Doctoral standing.</td>
</tr>
<tr>
<td>ECON 72022</td>
<td>MANAGERIAL ECONOMICS</td>
<td>2</td>
<td>Standard Letter</td>
<td>Uses economic theory and quantitative methodologies to develop decision-making skills which enable managers to evaluate problems and allocate resources efficiently. Prerequisite: Doctoral standing.</td>
</tr>
<tr>
<td>ECON 72050</td>
<td>MICROECONOMIC THEORY I</td>
<td>3</td>
<td>Standard Letter</td>
<td>Formal analysis of foundational models in microeconomics, including consumer and producer theory, an introduction to non-cooperative game theory, market equilibrium under various market structures and a discussion of market failures. Prerequisite: Doctoral standing.</td>
</tr>
<tr>
<td>ECON 72051</td>
<td>MACROECONOMIC THEORY I</td>
<td>3</td>
<td>Standard Letter</td>
<td>Formal analysis of models in macroeconomics, including models of economic growth, business cycles, consumption, investment, and unemployment, with applications to the analysis of monetary and fiscal policies. Prerequisite: Doctoral standing.</td>
</tr>
<tr>
<td>ECON 72054</td>
<td>ECONOMETRICS I</td>
<td>3</td>
<td>Standard Letter</td>
<td>Introduction to problems and methods of the empirical estimation of economic relationships. Prerequisite: Doctoral standing.</td>
</tr>
<tr>
<td>ECON 72055</td>
<td>ECONOMETRICS II</td>
<td>3</td>
<td>Standard Letter</td>
<td>Covers generalized linear regression, mixed estimation, simultaneous equation systems, their identification and estimation by single equation and systems estimation. Prerequisite: ECON 62054; and doctoral standing.</td>
</tr>
<tr>
<td>ECON 72056</td>
<td>TIME SERIES ANALYSIS</td>
<td>3</td>
<td>Standard Letter</td>
<td>Covers various univariate and multivariate time series models, including autoregressive moving average (ARMA), general autoregressive conditional heteroskedasticity (GARCH), value at risk (Var), vector autoregressive (VAR) and vector error correction model (VECM), etc. Students will gain hands-on experience with all models learned in the course. Prerequisite: Doctoral standing.</td>
</tr>
<tr>
<td>ECON 72061</td>
<td>MONETARY THEORY AND POLICY</td>
<td>3</td>
<td>Standard Letter</td>
<td>Study of money in promoting exchange, its relationship to prices, output, employment, interest rates and banking and issues related to the conduct of monetary policy. Prerequisite: Doctoral standing.</td>
</tr>
<tr>
<td>ECON 72075</td>
<td>INTERNATIONAL TRADE</td>
<td>3</td>
<td>Standard Letter</td>
<td>Study of modern international trade theory and policy, including free trade areas, international trade organizations, current issues in international trade and the effect of international trade on domestic policy. Prerequisite: ECON 62021 and ECON 62022; and doctoral standing.</td>
</tr>
</tbody>
</table>
ECON 72076  INTERNATIONAL FINANCE  3 Credit Hours
(Slashed with ECON 62076) Formal analysis of models of international monetary relations, including the determination of exchange rates, managed exchange rate policies, balance of payments crises, optimum currency areas, and international capital flows.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 72180  REGIONAL ECONOMICS  3 Credit Hours
Examines techniques of regional economic analysis with the object of promoting understanding of interregional disparities in developed nations and policies for alleviating problems arising from disparities.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 74004  QUANTITATIVE METHODS IN BUSINESS ADMINISTRATION I  3 Credit Hours
(Slashed with ECON 64004) Covers the mathematical tools that are of central importance in economics in the context of economic examples. Topics include functions, matrix algebra, differential calculus, optimization, integration and dynamic analysis.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 82024  SEMINAR IN APPLIED ECONOMIC ANALYSIS  3 Credit Hours
Discussion and analysis of selected current economic problems confronting the economy and the business sector. Emphasis will be on applied analysis.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECON 82072  ECONOMICS OF LABOR MARKETS  3 Credit Hours
The economic analysis of the decisions of workers and firms in determination of wages and employment. Topics include labor supply decisions, marginal productivity theory, discrimination, demand for education, effects of trade unions, immigration and wage inequality.
Prerequisite: ECON 32040 or ECON 62022; and ECON 62054 or MIS 84023; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter