Department of Economics

Chairperson: Neaime, Simon E.
Professor Emeritus: Makdisi, Samir
Professor: Neaime, Simon E.
Associate Professor: Marktanner, Marcus R.
Assistant Professors: Dagher Leila N.; Martin, Darius D.; Ruble, Isabella H.; Sadaka, Richard A.; Salti, Nisreen I.
Senior Lecturer: Sirhan, Ghazi A.
Lecturers: El-Khalil, Youssef A.; El-Sagher, Sandra W.; Mabsout, Ramzi; Nasser, Yassar; Ramadan, Usamah H.
Instructors: Abboud, Montaha; Boghossian, Myrna G.; Bou Diab, Sarah M.; Elbaba, Nora; El-Khalil, Iyad A.; Jibai, Rania A.; Kanaan, Maya Z.; Khoury, Nicole M.; Majdalani, Joelle; Makki, Malak, Z.; Mecherkany, Rami R.; Nader, Pamela; Tabsh, Ghina; Tabsh, Hala M.; Wehbe, Layal

Undergraduate Program

BA in Economics

Mission Statement

The undergraduate program in Economics is a rigorous quantitative program which enhances students' analytical skills and critical thinking. In addition to broader economic concepts, the understanding of economic issues pertaining to the Middle East and North Africa region is given special attention. The Department is committed to a liberal arts philosophy and the development of leadership skills in the field of economics. The Program develops its students' professional competencies and responsible citizenship skills, and prepares them for a variety of careers in economic research, financial economics, and banking.

Students accepted in economics must attain an average of 70 or above in major courses during the first three semesters in order to remain in the program. Economics majors are expected to take ECON 213 during their sophomore year and ECON 214 during their junior year. They must also complete CMPS 209, or its equivalent; MATH 218 or MATH 219; and ACCT 210. Holders of the Lebanese Baccalaureate Philosophy section must complete MATH 101 and MATH 102 before MATH 201.

The program for a BA in economics, which consists of 36 credits of economics courses numbered 210 or above, includes ECON 211, ECON 212, ECON 213, ECON 214, ECON 217, and ECON 227.
Economics majors whose economics average falls below 70 in their first two semesters in the major will be placed on departmental probation. Majors who have an average below 70 in their economics courses at the end of their third regular semester in the major will be dropped from the major.

The minor program in economics requires 18 credits: ECON 211, ECON 212, and ECON 214, plus three electives other than ECON 213, chosen from available economics offerings provided their prerequisites (or equivalent) have been satisfied.

The requirements for a BA degree in Economics are 90 credits for students entering the department at the sophomore level. The distribution of these courses is as follows:

**University Requirements**

- University General Education and Language Requirements.
- Refer to the section on “General University Academic Information: General Education Requirements” in this catalogue.

**Major Requirements**

- Major Courses: 36 credits of Economics courses including 18 credits as required courses, and 18 credits as elective economics courses.
- Electives outside the Department: 12 credits of free electives.

Transfers from other programs to a major in economics require a cumulative average of 70 or more; a minimum grade of 70 in each of ECON 211, ECON 212, and ENGL 203; and a minimum cumulative average of 70 in MATH 201 and MATH 202.

- **ECON 101  Introduction to Microeconomics  3.0; 3 cr.**
  An introductory survey of the principles of microeconomics, designed primarily for freshman students. *Annually.*

- **ECON 102  Introduction to Macroeconomics  3.0; 3 cr.**
  An introductory survey of the principles of macroeconomics, designed primarily for freshman students. *Annually.*

- **ECON 203  Survey of Economics  3.0; 3 cr.**
  Elementary principles of microeconomics and macroeconomics and applications. No credit is given for students majoring in economics. *Students cannot receive credit for both ECON 203 and ECON 211, ECON 212. Each semester.*

- **ECON 211  Elementary Microeconomic Theory  3.0; 3 cr.**
  General principles of microeconomics; includes elements of supply and demand, consumer behavior, costs, market structures, and income distribution. *Students cannot receive credit for both ECON 203 and ECON 211. Each semester.*

- **ECON 212  Elementary Macroeconomic Theory  3.0; 3 cr.**
  General principles of macroeconomics; aggregate supply and demand framework is used to analyze overall movements in prices and national output, inflation and unemployment, and monetary and fiscal policies. *Students cannot receive credit for both ECON 203 and ECON 212. Each semester.*
ECON 213  Economic Statistics I  3.0; 3 cr.
Measures of dispersion; elements of probability theory; sampling, sampling distribution, estimation and hypothesis testing, and simple regression. Students can receive credit for only one of ECON 213, STAT 201, STAT 210, STAT 230, BUSS 200, or EDUC 227. Each semester.

ECON 214  Economic Statistics and Econometrics  3.0; 3 cr.
Classical linear regression model and the multiple regression model in matrix form; the criteria for estimators; multicollinearity, serial correlation, heteroskedasticity; identification and estimation of simultaneous equation models and applications. Prerequisites: ECON 211, ECON 212, ECON 213 or STAT 201, STAT 210, STAT 230, BUSS 200, EDUC 227, and MATH 201. Each semester.

ECON 215  Applied Econometrics  3.0; 3 cr.
A comprehensive treatment of econometric techniques applied in time series models, stationary time series models, modeling economic time series; multi-equation time series models; cointegration; and applications. Prerequisite: ECON 214. Annually.

ECON 217  Intermediate Price Theory  3.0; 3 cr.
Theory of allocation of resources; consumers’ choice and classical demand theory, exchange and welfare; theory of production and cost; price and output determination under alternative market structures; game theory and applications to oligopoly. Prerequisites: ECON 211 and MATH 201. Each semester.

ECON 218  Income Distribution and Welfare Economics  3.0; 3 cr.
Factor markets and theories of income distribution, general equilibrium and input-output analysis, welfare economics. Prerequisite: ECON 217. Annually.

ECON 219  Economics of Financial Markets  3.0; 3 cr.
A survey of capital markets and asset pricing models; determination of the links between financial markets, monetary policy, and economic growth. Prerequisites: ECON 214 and ECON 227. Annually.

ECON 221  History of Economic Doctrines  3.0; 3 cr.
A survey of the history of economic thought, both theory and policy, with an emphasis on contemporary economic thought. Prerequisites: ECON 217 and ECON 227, or consent of instructor. Annually.

ECON 222  Labor Economics  3.0; 3 cr.
A survey of the demand for and supply of labor, investment in human capital, market structure and efficiency of labor markets, collective bargaining, income distribution, and unemployment. Prerequisite: ECON 217. Annually.

ECON 223/224  Economics of the Middle East  3.0; 3 cr.
A study of the resource endowment of the Arab Middle Eastern economies; their development experience, and the general outlook for growth and development. Prerequisites: ECON 211 and ECON 212. Occasionally.

ECON 226  Intermediate Public Finance  3.0; 3 cr.
A study of public expenditures, public revenues, and public debts, principles of equity in the distribution of the tax burden. Prerequisite: ECON 217. Annually.

ECON 227  Intermediate Macroeconomics  3.0; 3 cr.
A study of the aggregate approach to economics, including the determination of output, employment, the rise of interest rates, and the price level. Inflation and stabilization policies, budget deficits and the national debt, business cycles, theories of consumption, and investment behavior. Prerequisites: ECON 211 and 212, MATH 201 and 202. Each semester.
ECON 228  Intermediate Monetary Economics  3.0; 3 cr.
Central banking and instruments of monetary management, alternative theories of the demand for money, the balance of payments and the processes of its adjustment. **Prerequisite:** ECON 227. **Annually.**

ECON 230  Economic History  3.0; 3 cr.
Economic development of Europe and other areas up to 1914, with special emphasis on a number of distinct problems in different countries and historical periods. **Prerequisites:** ECON 211 and ECON 212. **Occasionally.**

ECON 232  Economic Policy in Developing Countries  3.0; 3 cr.
Economic policy in developing countries in the context of globalization, policy challenges facing developing countries, impact of regional blocs, and requirements for successful integration into the world economy. **Prerequisite:** ECON 227. **Occasionally.**

ECON 235  Intermediate International Trade Theory  3.0; 3 cr.
Classical trade model, the Heckscher-Ohlin theorem and subsequent theoretical developments, tariffs, domestic distortions, customs union, trade, and economic growth. **Prerequisite:** ECON 217. **Annually.**

ECON 236  Intermediate International Economic Policy  3.0; 3 cr.
Systematic analysis of policies in an open economy, the balance of payments, foreign exchange markets and adjustment under different exchange rate standards; basic policy issues in trade and development. **Prerequisites:** ECON 217 and ECON 227. **Annually.**

ECON 237  Economic Development I  3.0; 3 cr.
Introduction to development economics; topical issues in development, market-oriented reforms, impact of globalization, urbanization, and agricultural development; recent experiences in developing countries. **Prerequisite:** ECON 217 or ECON 227. **Annually.**

ECON 239  Introduction to Mathematical Economics  3.0; 3 cr.
Optimization problems, dynamic analysis, difference and differential equations, linear and non-linear programming; dynamic programming and game theory with economic applications. **Prerequisites:** ECON 217 and MATH 201. **Annually.**

ECON 240  Economic Development II  3.0; 3 cr.
Models of economic development and growth; macroeconomic planning; policy formulation and implementation in developing countries. **Prerequisite:** ECON 227. **Annually.**

ECON 241  Industrial Organization and Public Policy  3.0; 3 cr.
Application of microeconomics; analysis of factors affecting market structure, conduct and firm behavior in imperfectly competitive industries; survey of theories relating to intensity of competition and maintenance of market dominance; rationale for antitrust laws. **Prerequisite:** ECON 217. **Annually.**

ECON 242  The Economics of Petroleum  3.0; 3 cr.
An analysis of the factors determining the production and pricing of oil with reference to the Arab oil countries, the world oil market, and the role of OPEC. **Prerequisite:** ECON 217. **Occasionally.**

ECON 243  Introduction to Game Theory and Economic Behavior  3.0; 3 cr.
Basic concepts and methods of game theory with applications to economic problems, Nash equilibrium, mixed strategies, zero sum games, repeated games. **Prerequisites:** ECON 217 and MATH 201. **Annually.**
36 Credits in Economics (18 + 18)

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<tr>
<th>Modes of Analysis</th>
<th>English and Arabic (9)</th>
<th>Humanities (12)</th>
<th>Economics and Social Sciences (18+18+3+3)</th>
<th>Natural Sciences (Min. 6)</th>
<th>Quantitative Thought (Min 12)</th>
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| Lecture courses   | 1. Required Arabic course: 201A or any General Education Arabic communication skills (3)  
2. Required English courses: ENGL 203 (3), 204 (3) | Required credits in the humanities: 12 credits including 6 credits from CVSP (see pp. 163–68) | 1. Required economics courses (18): ECON 211(3), 212(3), 213(3), 214(3)  
213(3), 217(3)  
211, 212, 227(3)  
211, 212 | Electives (min. 6) | Required mathematics courses: MATH 201(3), 202(3) or CMPS 209(3) |

Seminar: Elective economics courses: ECON 295(3), 296(3), and 297(3)

Laboratory (0)

Research project (0)

P Prerequisite