

UNIVERSITY of MAKEDONIA

ECONOMICS and SOCIAL SCIENCES



UNIVERSITY
1991-92 GUIDE
ACADEMIC
Y E A R

156. EGNATIA str. THESSALONIKI MAKEDONIA
G R E E C E

UNIVERSITY GUIDE

ACADEMIC YEAR

1991–1992

**UNIVERSITY OF MACEDONIA
ECONOMICS AND SOCIAL SCIENCES**



UNIVERSITY GUIDE

**ACADEMIC YEAR
1991-92**

**156 EGNATIA St., P.O. Box 1591, 540 06 THESSALONIKI
MACEDONIA – GREECE
TELEX: 410.497 UMAC GR – FAX: 031/844.536 – TEL. 031/844.825**



The emblem of the University: a silver Macedonian "tetraobol" (four-obol coin), depicting the round shield of the Macedonian Phalanx, with a club and the letters MA/KE in the central circle (187-168 B.C.).

C O N T E N T S

ESTABLISHMENT OF THE UNIVERSITY

UNIVERSITY GOVERNING BODIES

STUDY CURRICULA

STUDENT ISSUES

ESTABLISHMENT OF THE UNIVERSITY

Macedonia University of Economics and Social Sciences was established by Government decree No 147 of April 10, 1990. The decree specified that the Graduate School of Industrial Studies, that had two departments, i.e. the Department of Economics and the Department of Business Administration respectively, was to be known henceforth as Macedonia University of Economics and Social Sciences with three additional Departments.

Consequently beginning with the academic year 1991-92 Macedonia University of Economics and Social Sciences operates with the following five Departments.

- 1. Department of Economics.*
- 2. Department of Business Organization and Administration.*
- 3. Department of International and European Financial Studies.*
- 4. Department of Accounting and Finance.*
- 5. Department of Applied Informatics.*

Each of these Departments offers an independent degree (ptychion).

The Graduate School of Industrial Studies was established by law No 800 in 1948. It began operating in the academic year 1957-58. Until 1966 it operated as a private organization. In that year it became a governmental institution, and has been operating since then as such.

The University of Macedonia is located in Thessaloniki 156 Egnatia street. It is housed in a group of buildings with a total area of approximately 40.000 square meters.

As an Educational Establishment of advanced learning the University is, according to the Constitution, a self-governing Institution overseen and funded by the Ministry of National Education and Religion. The University is administered by the Senate, the Rectorial Council and the Rector.

The basic academic unit is the Department that covers the contents of a specific science and offers an independent degree. Each degree may include directions or specializations. The Departments may be subdivided. Each coordinates the teaching programme of part of the Department's scientific field.

The Department is administered by the General Assembly and the Chairperson. The Section is administered by the General Assembly and the Director.

In addition to the first degree the University of Macedonia grants doctoral diplomas.

UNIVERSITY GOVERNING BODIES

1. RECTORS

Rector: Yannis Tsekouras

Vice-Rector: Lefteris Skalidis (academic affairs and personnel)

Vice-Rector: Michalis Hatziprokopiou (financial planning and development)

2. SENATE

Rector: Yannis Tsekouras

Vice-Rector: Lefteris Skalidis

Vice-Rector: Michalis Hatziprokopiou

Heads of Departments

Department of Economic Sciences: Stelios Pavlides

Department of Business Administration: Dimitris Xouris

Department of International and European Economic Studies: Ilias Thermos

Department of Accounting and Finance: Dimitris Papadopoulos

Department of Applied Computer Science: Anastassios Katos

Representatives of the Teaching and Research Staff:

Department of Economic Sciences: Vasilios Doukakis

Department of Business Administration: G. Piperopoulos

Representatives of non-doctorate Research Fellows, and Doctoral Candidate Fellows: Athanasios Vazakidis, Nikolaos Dritsakis, Athanasios Manitsaris, Despina Bousiou, George Stephanidis

Representative of Foreign Language Teaching Staff: Zoe Kantaridou

Representative of Administrative and Technical Staff: Natassa Eskitzopoulou

Representative of Administrative Staff: Athanasios Sotiriou

Student Representatives: Iraklis Varipombiotis and Dimitris Toufexis

Ex officio, non voting member, Secretary General: Michael Eleftheriades

Secretary: Daphne Kosmidou

3. RECTOR'S COMMITTEE

Rector: Yannis Tsekouras

Vice-Rector: Lefteris Skalidis

Vice-Rector: Michalis Hatziprokopiou

Representative of Administrative Staff: Athanasios Tsapakidis

Student Representative: Alexandros Tsiatsiamis

Secretary: Daphne Kosmidou



View of the University of Macedonia Economics and Social Sciences

STUDY CURRICULA



Students at the entrance of the University

DEPARTMENT OF ECONOMICS

The objectives of the Department of Economics are the advancement of the science of Economics and the training of the economists.

These objectives are attained through research and the organization of the proper curricula which are constantly reorganized to keep abreast of changes in science, economy and society. According to the law, the curriculum can be reformed in April of each year.

The academic year divided into two semesters, the winter and the spring semester. Eight semesters are required for obtaining a degree.

The curriculum consists of two cycles. The first comprises the courses of the first four semesters, while the second those of the remaining four semesters.

The first cycle includes mainly courses of basic economics as well as courses that aim at familiarizing the students to the methods of quantitative analyses. The second cycle refers to more specialized fields of economics.

The courses are classified to required and elective respectively. Each student is required to attend 42 courses during his/her studies, 31 of which are required and the remaining 11 elective. Foreign languages are taught in addition to the above subjects.

The ratio of the required to the elective courses is different in the two cycles. In the first cycle the ratio is higher in favor of the required courses, while the opposite is true for the second cycle. Thus, students of latter semesters may attend more courses of their own choosing.

The elective courses are not embodied in particular semesters. Out of a total of 14 elective courses of the first cycle a student may choose one course for each of the four semesters provided that this course is offered in that particular semester. It is not possible to choose a course of the winter semester during the spring semester (and vice versa) because the elective courses are not taught in both semesters. The same restriction is applied to the elective courses of the second cycle which in turn are classified into the four following groups: sociology, economics, quantitative analysis and management. During the four semesters of the second cycle, the students is required to choose one course from the first group (sociology), three courses from the second group (economics), two from the third (quantitative analysis) and one from the fourth (management). This makes a total of 7 elective courses. It should be noted that a student may enroll in a course subfixed by II (e.g. Agricultural Economics II) provided that he/she has passed the homonymous course subfixed I (e.g. Agricultural Economics I).

First Semester

Compulsory courses

1. Introduction to Economic theory I	4
2. Introduction to Political Economy	4
3. Introduction to Business Administration	4
4. Mathematics for Economics	4
5. Computer Applications I	4
6. Foreign Language	4

Third Semester

Compulsory courses

1. Microeconomic theory I	4
2. Macroeconomic theory II	4
3. Accounting II	4
4. Statistics for Economists II	4
5. Mathematics for Economists III	4
6. Foreign Language	4

First and Third Semesters

Elective courses (students select one)

1. Principles of Sociology	4
2. Elements of Civil Law	4
3. Methodology of Social Sciences	4
4. Philosophy	4
5. Space economics	4

Fifth Semester

Compulsory courses

1. Public economic theory I	4
2. Monetary Theory & Policy	4
3. Theory of International Trade	4
4. Econometrics I	4
5. Foreign Language	4

Seventh Semester

Compulsory courses

- | | |
|--|---|
| 1. Theory & Policy of Economic Development | 4 |
| 2. History of Economic theories | 4 |

Fifth and Seventh Semesters

Elective courses (students of fifth semester select one and of seventh select two)

Group B

- | | |
|---|---|
| 1. Regional Economics I | 4 |
| 2. Agricultural Economics I | 4 |
| 3. Industrial Economics | 4 |
| 4. Economic Planning | 4 |
| 5. Labour Economics | 4 |
| 6. Problems of Greek economy | 4 |
| 7. Macroeconomic theory III | 4 |
| 8. National & International Financial Markets (Money, Credit and Banking) | 4 |
| 9. Economic History of Europe | 4 |

Group C

- | | |
|--|---|
| 10. Special topics in Econometrics | 4 |
| 11. Economic Application Statistics | 4 |
| 12. Computer applications in Economics | 4 |

Group D

- | | |
|-------------------------|---|
| 13. Business Accounting | 4 |
|-------------------------|---|

Second Semester

Compulsory courses

- | | |
|---------------------------------------|---|
| 1. Introduction to Economic theory II | 4 |
| 2. Accounting I | 4 |
| 3. Statistics for Economists I | 4 |
| 4. Mathematics for Economists II | 4 |
| 5. Computer Applications II | 4 |
| 6. Foreign Language | 4 |

Fourth Semester

Compulsory courses

- | | |
|----------------------------|---|
| 1. Microeconomic theory II | 4 |
|----------------------------|---|

20

2. Macroeconomic theory II	4
3. Economic History of Greece	4
4. Principles of Finance	4
5. Statistics for Economists III	4
6. Foreign Language	4

Second and Fourth Semesters

Elective courses (one (1) to be selected only)

1. Political Science	4
2. Industrial Sociology	4
3. Introduction to Pedagogics	4
4. Elements of Public Law	4
5. Economic Mathematics	4
6. Mathematical Programming	4
7. Economic problems of modern Capitalism	4
8. National Accounts	4
9. Commercial Law	4

Sixth Semester

Compulsory courses

1. Public Economic theory II	4
2. International Finance	4
3. Theory of Economic Policy	4
4. Foreign Language	4

Eighth Semester

Compulsory course

1. Theory and Policy of Economic Growth	4
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Sixth and Eighth Semesters

Elective courses (one (1) to be selected only)

Group A

1. Theories of the State	4
2. Education & Pedagogics	4

3. A course from the Department of International & European Economic Studies 4
 4. A course from the Department of International & European Economic Studies 4
- Group B
1. Regional Economics II 4
 2. Economic theory of socialism 4
- Group C
1. Informatics in Business 4
- Group D
1. Investments evaluation 4
 2. Greek and EEC tax Law 4
 3. Cost Accounting 4
 4. Marketing 4
 5. Business Management 4

DEPARTMENT OF BUSINESS ADMINISTRATION

The Department of Business Administration prepares students to fill executive positions in public and private sectors, local, national and multinational organizations and enterprises producing goods and services within the Greek socio-economic system.

The curriculum is so designed as to meet the rapidly evolving and changing needs of modern organizations and businesses, while at the same time placing the necessary emphasis on the traditional principles of Higher Education. The curriculum, being of university standard rather than vocational, has been designed in order to give the students not only a general grounding in the various subjects, but also to provide them with the specialised knowledge essential for executives in the united Europe of the future.

The curriculum covers theory and problems of business and organizational development and administration, introduction to the methods and techniques of effective management decision making, and guidance in efficient management of human resources and awareness of the social dimension of administrative problems and decisions. A further aim is to provide the necessary grounding for those with ambitions to continue their studies at postgraduate level.

The academic work of the teaching staff aims at advancing knowledge of the Management, Social and Economic Sciences involved in Business Administration. At the same time students are offered ample opportunities to develop their abilities so that as graduates they will be able to contribute to the socio-economic system, values and culture of Greece.

The academic staff and the students of the Department share a common devotion to the principles of free scientific enquiry, respect for truth and support for all activities within or outside the classroom that will advance the development of individual abilities and add to the common fund of knowledge.

CURRICULUM

	<i>Teaching Hours</i>
<i>First Semester</i>	
Compulsory	
1. Introduction to Economics	3
2. Management Mathematics I	4
3. Introduction to Management	3
4. Statistics for Management I	4
5. Introduction to Civil Law	2
6. Language	4
Electives (students select one)	
1. Introduction to Business Innovation	3
2. Participatory Management Systems	3
3. Introduction to Sociology	3
<i>Second Semester</i>	
Compulsory	
1. Statistics for Management II	4
2. Principles of Financial Accounting	5
3. Management Mathematics II	3
4. Economics I	3
5. General Commercial Law	2
6. Language	4
Electives (students select one)	
1. Business Activity and State Intervention	3
2. Law of Contract	3
3. E.E.C. and Greek Businesses	3
<i>Third Semester</i>	
Compulsory	
1. Financial Accounting	5
2. Business organization and Management	3
3. Introduction to Computers	3
4. Company Law of the Commercial Firm	4
5. Economics II	3
6. Language	4

Electives (students select one)

1. Labour Law	3
2. Industrial Economics	3
3. Public Finance	3
4. Public Relations	3

Fourth Semester

Compulsory

1. Algorithms and Applications	4
2. Operational Research I	5
3. Organization Theory and Practice	3
4. Financial Institutions and Capital Markets	3
5. Elements of Economic and Actuarial Mathematics	3
6. Language	4

Electives (students select one)

1. Securities Law	3
2. Industrial Sociology	3
3. Elements of Public Law	3
4. Applied Statistics	3
5. Introduction to Educational Theory	3

Fifth Semester

Compulsory

1. Accounting for Partnerships	5
2. Finance I	4
3. Operational Research II	3
4. Marketing I	3

Electives (students select one)

1. Numerical Analysis	3
2. Company Tax Law	3
3. Elements of Insurance and Maritime Law	3
4. International Economic Relations	3

Sixth Semester

Compulsory

1. Finance II	4
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2. Operations Management I	4
3. Organizational Development	3
4. Marketing II	3

Electives (students select two)

1. Selected topics for Finance I	3
2. Data Bases	3
3. Organizational Behaviour	3
4. Human Relations	3
5. Money, Banking and Credit	3

Seventh Semester

Compulsory

1. Management Information Systems	5
2. Small and medium size Business Management	3
3. Public Corporations	3

Electives (students select three)

1. Operations Management II	3
2. Selected topics for Computers I	3
3. Selected topics for Finance II	3
4. Case study Analysis	3
5. Preparation of Feasibility Studies	3
6. Industrial Relations	3

Eighth Semester

Compulsory

1. Costing and Cost Accounting	5
2. Business Strategy	5
3. Personnel Management	3

Electives (students select three)

1. Industrial Marketing	3
2. Selected topics for Computers II	3
3. International Management	3
4. Quantitative Analysis of Case Studies	3
5. Business Ethics	3
6. Educational Methods - Teaching Selected Subjects	3
7. Organization of Data Bases	3



University Students operating on computers at the Computer Centre.

**DEPARTMENT OF INTERNATIONAL
AND EUROPEAN ECONOMIC STUDIES**

The Department of International and European Economic Studies, established in 1990, is one of the university's new Department designed to meet the recent challenges and problems in international economic relations. The economic, political and social implications of economic integration within the EEC, East-West relations, particularly after the dramatic changes in the Eastern Block, and the prospects of economic co-operation in the Balkans are the broad areas which the Department is trying to explore.

The curriculum, which is under revision every year, covers theory and problems with respect to three major topics: a) International economic relations (five required electives), b) International relations and comparative economic and political systems (seven required electives), c) National and supernational integration (five required electives). With a total number of thirty (30) main required courses the curriculum provides the students with the necessary comprehensive grounding for the Bachelor's degree and also prepares them for further studies at the postgraduate level. In more details, there are eighteen (18) courses covering economic subjects and ten (10) courses covering history, sociology and political sciences. Also three law courses and three interdisciplinary ones support all the major topics of the curriculum, particularly national and supernational integration.

Finally, the department is in the process of recruiting new members of staff for teaching and research, thus hoping to enable students to familiarise themselves with current issues and problems vis - à - vis international economic relations and economic integration with all the inevitable side-effects. On the other hand, it aims at preparing students to seep employment in both the public and the private sector in the European Community of the future.

UNDERGRADUATE PROGRAM

Areas

- I. International Economic Relations
- II. International Relations
- III. National and Supernational Integration

Courses

*Teaching
Hours*

First Semester

- | | |
|--|---|
| 1. Introduction to Economic Science | 3 |
| 2. Principles of Political Science - Politics and Government | 3 |
| 3. Introduction to Sociology | 3 |
| 4. Accounting and Finance | 3 |
| 5. Mathematics I | 3 |
| 6. Foreign Language | 3 |

Second Semester

- | | |
|--|---|
| 1. Introduction to Economic Science II | 3 |
| 2. Philosophy | 3 |
| 3. World History | 3 |
| 4. Mathematics II | 3 |
| 5. Computer Science | 3 |
| 6. Foreign Language | 3 |

Third Semester

- | | |
|---|---|
| 1. Microeconomic Theory of Microeconomic Analysis | 3 |
| 2. Elements of public Law | 3 |
| 3. Introduction to Business Studies | 3 |
| 4. Politiometrics (Political Analysis) | 3 |
| 5. Statistics I | 3 |
| 6. Foreign Language | 3 |

Fourth Semester

- | | |
|--|---|
| 1. Microeconomic Theory | 3 |
| 2. Theory of International Trade | 3 |
| 3. International Relations and World Politics | 3 |
| 4. International Law and International Organizations | 3 |
| 5. Statistics II | 3 |
| 6. Foreign Language | 3 |

Fifth Semester

1. Econometrics	3
2. European Economic Community - Institutions and Politics	3
3. European Community Law	3
4. International Monetary Relations	3
5. Elective	3

Sixth Semester

1. Structure and Behavior of the International System	3
2. Political and Social Integration	3
3. Theory and Practice of Economic Integration	3
4. Elective	3
5. Elective	3

Seventh Semester

1. Comparative Social and Political Systems	3
2. Contemporary Political Ideologies and the Meta-Industrial Society	3
3. Elective	3
4. Elective	3
5. Elective	3

Eighth Semester

1. Models of National and Supernational Integration	3
2. Elective	3
3. Elective	3
4. Elective	3
5. Elective	3

I. Area of International Economic Relations

a) Five (5) of the following courses are elected:

1. International Capital Markets	3
2. European Economic Development and Regional Policy	3
3. Economic Geography	3
4. Economic Policies of the European Communities	3
5. Seminar in International Economic Issues	3
6. Regional Policies in the European Economic Community	3
7. Seminar in Economic Issues of European Integration	3
8. International Business Transactions	3
9. International Trade and Investments	3
10. European Economic Policy of the Urban Centers and the Environment	3
11. Agricultural Policy of the Community	3

- | | |
|--|---|
| 12. Comparative Economic Systems | 3 |
| 13. Decision Making Strategies of the Economic Organizations | 3 |
| 14. The Position of Greece in the International Division of Labor within the EEC | 3 |
- b) Three (3) courses are elected from the requirements of the Departments Economic Sciences, Organization and Business Administration, Accounting and Finance that are not included in the program and with the consent of the Department's academic adviser.
- c) Two (2) courses are elected from the other areas with the consent of the Department's academic adviser.
- II. Area of International Relations and Comparative Economic and Political Systems
- a) Seven (7) of the following courses are elected:
- | | |
|--|---|
| 1. Foreign Policy of Greece | 3 |
| 2. International Politics: Theory and Practice | 3 |
| 3. International Politics: Communication and Change | 3 |
| 4. International Organizations | 3 |
| 5. The Third World in World Politics | 3 |
| 6. Foreign Policy of the European Communities | 3 |
| 7. Government and Foreign Policy of the United States of America | 3 |
| 8. Foreign Policy of the Soviet Union | 3 |
| 9. Seminar in Issues of International Politics and Security | 3 |
| 10. Balcan Political and Economic Relations | 3 |
| 11. Comparative Economic Systems | 3 |
| 12. History of Sociological and Political Theories | 3 |
| 13. State and Society in Western Europe | 3 |
| 14. Ideology and Class Behavior in Europe | 3 |
| 15. Theory and Practice of Democracy | 3 |
| 16. Government and Politics of Great Britain, France and Germany | 3 |
| 17. Socioeconomic System and Politics of the Soviet Union | 3 |
| 18. Contemporary, Political and Social Philosophic Thought | 3 |
| 19. Comparative Political Behavior | 3 |
| 20. The Role of the United States and Japan in World Economy | 3 |
- b) Three (3) courses are elected from the requirements of the Departments Economic Sciences, Organization and Business Administration, Accounting and Finance that are not included in the program and with the consent of the Department's academic adviser.

III. Area of National and Supernational Integration

a) Five (5) courses including two seminars, are elected from the following:

1. Comparative Systems of Public Administration	3
2. Local Government and Development	3
3. Social Policy of the European Communities	3
4. Energy and Environmental Policy - Seminar	3
5. Problems of Supernational Integration - Seminar	3
6. International Conflict and Development	3
7. Public Policy and Business	3
8. Political Tradition and Forecasting in Systemic Behavior	3
9. Problems of Politics in Developing Countries	3
10. Sociopolitical Environment and Business	3
11. Comparative Public Finance and Monetary Policy	3
12. Strategic Studies - Seminar	3
13. Strategic Decision - Making of Economic Organizations (Private and Public Business and International Organizations)	3

b) Three (3) courses are elected from the requirements of the Department's Economic Sciences, Organization and Business Administration, Accounting and Finance which are not included in the Program with the consent of the Department's academic adviser.

c) Two (2) courses are elected from the other areas of the Department with the consent of the academic adviser.

THE DEPARTMENT'S CURRICULUM IN MORE DETAIL

The curriculum consists of 44 semester courses, three contact hours per week, and is divided into the following groups:

1. 30 required courses.
2. 5 required electives for International Economic Relations.
3. 7 required electives for International Relations and Comparative Economic and Political Systems.
4. 5 required electives for National and Supernational Integration.
5. 3 required courses from other departments.
6. 2 electives from the department's other options with respect to options I and II.

The core of the department's required courses includes:

- 8 Economics courses

- 2 courses in Management
- 2 Mathematics courses
- 2 Statistics courses
- 1 Computers course
- 6 Political Science courses
- 3 Law courses
- 1 course in Philosophy
- 1 Sociology course
- 1 History course
- 3 interdisciplinary courses

The three courses from other departments belong to the core of required courses in the department's of Business Administration, Economics and Accounting and Finance. Therefore, the total number of Economics courses provided by the current programme amounts to 18 including the required electives in the case of International Economic Relations.

The required courses in the other two options offered by the department consist of 10 Social Science courses (Political Science, Sociology and History). With the corresponding required electives the total number of courses amounts to 17 for option II and 15 for option III, while the Law and interdisciplinary courses support the general programme, and more particularly the option referring to National and Supernational Integration.

The International Economic Relations programme can offer minor options for Business Administration, Economic Studies, Political Science (International Relations, Comparative Government and Politics), Comparative Economic Systems and National and Supernational Integration.

The options for International Relations - Comparative Economic and Political Systems and National - Supernational Integration incorporate Economic Studies as a required minor option (International Economic Relations, Economic Analysis, Development, General Economics, Comparative Economic Systems).

The Economics courses of option II could total 17 or 20, including the Business Administration ones, while the Economics courses of option III could be 18 and 21 respectively.

Finally, the programme includes 5 required quantitative courses and 4 foreign language ones.

- 2 courses in Management
- 2 Mathematics courses
- 2 Statistics courses
- 1 Computers course
- 6 Political Science courses
- 3 Law courses
- 1 course in Philosophy
- 1 Sociology course
- 1 History course
- 3 interdisciplinary courses

The three courses from other departments belong to the core of required courses in the department's of Business Administration, Economics and Accounting and Finance. Therefore, the total number of Economics courses provided by the current programme amounts to 18 including the required electives in the case of International Economic Relations.

The required courses in the other two options offered by the department consist of 10 Social Science courses (Political Science, Sociology and History). With the corresponding required electives the total number of courses amounts to 17 for option II and 15 for option III, while the Law and interdisciplinary courses support the general programme, and more particularly the option referring to National and Supernational Integration.

The International Economic Relations programme can offer minor options for Business Administration, Economic Studies, Political Science (International Relations, Comparative Government and Politics), Comparative Economic Systems and National and Supernational Integration.

The options for International Relations - Comparative Economic and Political Systems and National - Supernational Integration incorporate Economic Studies as a required minor option (International Economic Relations, Economic Analysis, Development, General Economics, Comparative Economic Systems).

The Economics courses of option II could total 17 or 20, including the Business Administration ones, while the Economics courses of option III could be 18 and 21 respectively.

Finally, the programme includes 5 required quantitative courses and 4 foreign language ones.



Students in the Central Library of the University

DEPARTMENT OF ACCOUNTING AND FINANCE

The aims of the Department of Accounting and Finance are the promotion and dissemination of knowledge in Accounting and Finance, the linkage with the business reality of Greece and E.C. and certainly, the training of managers in accordance with the standards of a modern financial manager.

We achieve these goals: First by teaching courses that provide not only general knowledge in management functions and economics, but also specialized knowledge in Accounting and Finance. The department provides also background knowledge of the legal framework of business activities in Greece and the E.C. Second, members of faculty and doctoral students are actively engaged in research concerning issues that are directly connected with business and institutions independently of legal form and ownership.

The curriculum and organization of teaching varying in order to adapt to the demands of science, economy and society.

In accordance to the legal framework governing universities the curriculum is revised every April. Teaching is organized in two semesters, fall and spring. Students are required to attend courses for 8 semesters. Every student must take 42 courses in total out of which 31 are compulsory and 11 are electives. In addition, students must demonstrate competence in a foreign language or attend relevant courses.

CURRICULUM

Teaching
hours*First Semester*

1. Introduction to Civil Law	4
2. Introduction to Economics	3
3. Introduction to Business Administration	3
4. Mathematics I	4
5. Statistics I	4
6. Introduction to Computing	3
7. Foreign Language	4

Second Semester

1. Microeconomics	3
2. Financial Mathematics	3
3. Statistics II	3
4. Financial Accounting I	4
5. Introduction to Commercial Law	4
6. Financial Institutions	3
7. Foreign Language	4

Third Semester

1. Financial Accounting II	5
2. Financial Management I (Financial Planning and Control)	4
3. Data Analysis using Spreadsheets	3
4. Company Law	4
5. Macroeconomics	3
6. Elective	3
7. Foreign Language	3

Electives (students select one)

1. Money and Banking	3
2. Torts Law	3

Fourth Semester

1. Financial Management II (Capital Budgeting)	4
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2. Quantitative Methods for Business Decision Making II	3
3. Labour Law	3
4. Securities Law	3
5. Elective	3
6. Elective	3
7. Foreign Language	3

Electives (students select two)

1. Econometrics	3
2. Computer Applications in Accounting and Finance	3
3. Public Relations	3
4. Public Finance	3

Fifth Semester

1. Accounting for Business Entities	5
2. Financial Management III	4
3. Financial Statement Analysis	3
4. Transactions Law	4
5. Introduction to Management	4
6. Elective	3

Electives (students select one)

1. Firms and E.E.C.	3
2. Introduction to Pedagogy	3
3. Tax Law	3

Sixth Semester

1. Management Accounting I	5
2. Introduction to Marketing	3
3. Production Management	3
4. Multinational Financial Management	4
5. Quantitative Methods for Business Decision Making II	4
6. Elective	3

Electives (students select one)

1. Introduction to Pedagogy II	3
2. Elements of E.E.C.'s Law and Law of European Integration	3
3. Organisational Development	3

4. Business Communications	3
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Seventh Semester

1. Management Accounting II	3
2. Financial Management of Utilities	3
3. Management Information Systems	4
4. Bank Accounting	3
5. Elective	3
6. Elective	3

Electives (students select two)

1. Options	3
2. Bank Management	3
3. International Trade	3
4. Industrial Marketing	3
5. Elements of E.E.C.'s Commercial Law	3

Eighth Semester

1. Auditing	3
2. Business Strategy and Strategic Planning	3
3. Accounting for Mergers and Business Combinations	4
4. Elective	3
5. Elective	3
6. Elective	3

Electives (students select three)

1. Futures	3
2. Identifying and Managing Risk	3
3. Portfolio Analysis	3
4. International Management	3
5. Investment Banking	3
6. Advanced Topics in Accounting	3

DEPARTMENT OF APPLIED INFORMATICS

CURRICULUM

AIMS AND OBJECTIVES

Informatics is, in broad terms, the collection, classification, processing, and transmission of information data. The studies in the Department of Applied Informatics in our University, constitute an intra-scientific, but autonomous, complex of Informatics, Economic and Business Studies.

The aims and objectives of the studies in this Department are the exploitation of the potential that computer science is offering, in investigating methods of study and analysis in Economic and Business Studies, so, with the use of Mathematics and Statistics, the latter sciences achieve their functional importance.

The overall aims of the course are to provide students with a basic grounding in the economic and business disciplines, and to provide them with a detailed working knowledge of computer systems in a contemporary economic and business environment.

This course is designed to provide a broad base for students who intend to seek employment in a commercial information processing environment. The successful graduate should expect to find employment in a range of areas, in the private or public sectors, as a small or large systems manager, a commercial programmer, economic or business analyst, and database administrator/programmer.

COURSE STRUCTURE

The program of studies leads to a four-year bachelor of science degree in Applied Informatics, in Economic and Business Sciences, after the successful completion of 200 semester-hours. One semester-hour is equivalent with one hour of successfully attending the course, per week and for the duration of one semester.

The course lasts for four years and is divided into eight semesters. From the 200 semester-hours required, 170 semester-hours refer to the compulsory or "Core" requirements, and the rest to the electives requirements.

The following table presents the structure of the Core requirements.

<i>Area of Study</i>	<i>Semester-hours</i>	<i>%</i>
1. Computer Science	62	36.5
2. Mathematics - Operations Research	20	11.8
3. Statistics	20	11.8
4. Econometrics - Economics	23	13.5
5. Business Studies	21	12.4
6. Social Sciences	6	3.5
7. Thesis	6	3.5
8. English Language	12	7.0
TOTAL	170	100.0

THESIS

With the start of the 7th semester, a research topic is assigned to every student, and under the supervision of a member of the teaching staff, by the end of the 8th semester, the student has to submit for evaluation and present his thesis. A successful thesis corresponds to 6 semester-hours.

LABORATORIES

The semester-hours include also the hours devoted to computer workshops per week, lab works, and/or class work. The precise distribution between teaching and laboratory hours, is determined by the specific teacher of each course.

ENGLISH LANGUAGE

Students have to study 3 hours of English language per week for the first four semesters. English is compulsory and corresponds to 12 semester-hours.

COURSE CONTENT

(The figures next to the specific courses indicate the semester-hours)

	<i>Teaching hours</i>
<i>First Semester</i>	
Compulsory Courses	
1. Introduction to Computing	5
2. Mathematics for Computing	3
3. Mathematics I	4
4. Statistics I	4
5. Economic Principles	4
6. Introduction to Business	3
7. English	3
TOTAL	26
 <i>Second Semester</i>	
Compulsory Courses	
1. Programming with PASCAL	4
2. Graph Theory	3
3. Mathematics II	4
4. Statistics II	4
5. Introduction to Accounting	4
6. Technology and Society	3
7. English	3
TOTAL	25
 <i>Third Semester</i>	
Compulsory Courses	
1. Data Structures	4
2. Arithmetic Analysis	4
3. Statistics III	4
4. Microeconomics	4
5. Financial Economics	3
6. English	3
SUBTOTAL	22

Electives (one from the following)

1. Analysis of Algorithms	3
2. Elements of Public	3
SUBTOTAL	3
TOTAL	25

Fourth Semester

Compulsory Courses

1. Programming with SPREADSHEETS	4
2. Mathematical Programming	4
3. Stochastic Processing - Time Series	4
4. Macroeconomics	4
5. Marketing	3
6. English	3
SUBTOTAL	22

Electives (one from the following)

1. Programming with FORTRAN	3
2. Business Law	3
SUBTOTAL	3
TOTAL	25

Fifth Semester

Compulsory Courses

1. File Processing	4
2. Software Technology	4
3. Operations Research Information Systems	4
4. Econometrics I	4
5. Teaching Methods I	3
SUBTOTAL	19

Electives (two from the following)

1. Operating Systems	3
2. Experimental Design	3
3. International and European Economic Relations	3
4. Production Systems	3
5. Applied Economics I	3
SUBTOTAL	6
TOTAL	25

Sixth Semester

Compulsory Courses

1. Data Bases	4
2. Information Systems Analysis	3
3. Decision Support Systems	4
4. Econometrics II	4
5. Accounting Information Systems	4
SUBTOTAL	19

Electives (two from the following)

1. Relative Data Banks	3
2. Office Automation	3
3. Applied Economics II	3
4. Technology and Productivity	3
5. Investment Evaluation	3
SUBTOTAL	6
TOTAL	25

Seventh Semester

Compulsory Courses

1. Computer Architecture and Evaluation	4
2. Computer Graphics	4
3. Marketing Information Systems	4
4. Sampling Techniques - Applied Statistics	4
5. Thesis (start)	3
SUBTOTAL	19

Electives (two from the following)

1. Expert Systems	3
2. Topics in Econometrics	3
3. Applied Accounting	3
4. Stock Markets - Banking	3
5. Communication and Informatics	3
SUBTOTAL	6
TOTAL	25

Eighth Semester

Compulsory Courses

1. Information Systems Applications	4
2. Simulation Techniques	4
3. Artificial Intelligence	4
4. Applied Econometrics	4
5. Thesis (submission)	3
SUBTOTAL	19

Electives (two from the following)

1. Computer Networks - TeInformatcs	3
2. Data Analysis	3
3. Cost Accounting	3
4. Applied Marketing	3
5. Teaching Methods II	3
SUBTOTAL	6
TOTAL	25



Students at the buffet of the University

STUDENT ISSUES

1. Academic Year

The academic year starts on September 1st of each year and ends on August 31st of the following year.

Each academic year is divided into two semesters.

Each semester consists of at least 13 full weeks of instruction and two of examinations.

Teaching starts on September 25th for the winter semester and on February 1st for the summer semester, which ends on May 31st.

2. Examinations

Examinations for the first, third, fifth and seventh semesters are held in January (1st examination period) and September (2nd examination period), and for the second, fourth, sixth and eighth semesters in June (1st examination period) and September (2nd examination period).

3. Grades

Students' performance is graded on a scale of 0-10 as follows:

- a) Excellent 10-9
- b) Very Good 8-7
- c) Good 6-5
- d) Failure 4-0

The degree grade:

- 1) for students admitted to the Department in or before the academic year 1986-1987 the grade point average is calculated by dividing the sum of all the grades achieved in all four years by the number of subjects taken. (Any fraction less than half is ignored; if more than half the grade is rounded up to the next whole number).
- 2) for students admitted to the Department in or after the academic year 1987-1988 the grade point average is calculated as follows:
The grade for each subject is multiplied by the weighting factor for that subject and the sum of the products is divided by the sum of the weighting factors.
 - Subjects with 1-2 teaching units have a weighting factor of 1.0.
 - Subjects with 3-4 teaching units have a weighting factor of 1.5.
 - Subjects with over 4 teaching units have a weighting factor of 2.0.

4. Student Transfers

In compliance with L.1966/91, L.1865/89 and Ministry of Education

decision No. F.1/b'3/4829/1.10.91, student transfers are regulated as follows:

Transfers from Abroad

Transfers from equivalent and similar Schools or Departments of foreign institutes of higher education are allowed only after examination in the third semester, at a rate of up to 3%, or in the fifth semester at a rate of up to 7% of the projected student enrollment.

Transfers within Greece

Transfers within Greece are permitted to a rate of up to 6-8% of the projected enrollment if students meet certain criteria.

STUDENT SERVICES

a) Student Meals

Students receive free meals if they meet certain criteria of personal or family financial need. Students should apply with the documentation required to the appropriate office.

Provision of free meals will cease when the students successfully complete their studies or after six (6) years from the date of initial enrollment even if they have not completed their studies.

Students who enroll to study for a second degree are not entitled to free meals.

b) Health Care

Students enjoy full medical and hospital care, which includes: Medical examinations, Examinations in hospitals, Medicines, Out-patient examinations, Home visits, Deliveries, Physiotherapy, Dental care, Orthopedic aids.

Hospitalization is provided by state hospitals and preferably in the University clinics.

Students will be supplied, upon application, with a student medical book by the Student Welfare Office.

c) Loans

Students may receive interest-free loans, with criteria based on their personal or family financial situation and their academic performance.

The documentation for approval of a loan must be submitted within a month from the date of the student's enrollment in the first semester or from the end of the second examination period and is specified by the Student Welfare Office.

Interest-free loans are repaid in monthly instalments numbering 12 times the duration of the loan in years. Repayment will begin two years after the date of graduation. For students who are called up for military service after graduating, repayment will start one year after the end of their military service.

Students who obtain a grade point average of 9 and above on their degree are not required to repay the loan.

d) Scholarships

1. The State Scholarship Foundation awards scholarships, in order of preference, to students who excelled in the university entrance examinations, provided they passed at the first attempt and have enrolled as first year students in the Department or School in which they had sought entrance, or passed the university examinations for the first two semesters with an average grade of 6.50 or above for the set subjects or for their chosen personal program of studies, under the following conditions: 1) They have Greek nationality, 2) They have shown good conduct and have distinguished themselves by their virtue and morals, 5) They lack sufficient personal funds.
2. Scholarships are also awarded from various bequests to students from certain areas, as specified in the bequest, as for example the bequests of K. Velliou Varonou and N. Kritski.
3. Travelling scholarships and grants are also available under the EEC ERASMUS and LINGUA programmes.

Students in Higher education who have been awarded travelling scholarships within the framework of the European Community programmes or bilateral exchange programmes may pursue their studies at corresponding institutions in other EEC countries on condition that the General Assembly of their own department has established the equivalency between the course of studies in the foreign institution and the course in the institution where they are enrolled. The duration of this period of study abroad may not exceed one academic year and, under the above conditions, is assessed for all purposes as time spent in the student's home institution.

e) Student Fares

Students receive a discount on road, rail and air fares for travel within Greece. This discount is valid for the whole academic year.

f) Student Identity Card

Every student, immediately after enrollment, is supplied by the Department with a student identity card.

On the card the university secretariat records the student's compulsory and elective subjects for each semester. The card also shows if the student has been granted a travel pass.

g) Certificates

Upon application the Department will supply the following study certificates:

- Certificate of studies: The certificate studies certifies that the student is enrolled in a particular year or semester.
- Certificate for draft use: This certificate certifies that the student has taken part in the scheduled examinations.
- Degree: To those who have passed the required examinations in all subjects the Department of Business Administration awards the degree in Business Administration.
- Transcript of grades: This certificate records every subject the student has registered for during his studies together with the grade obtained for each.

h) Student Hall

National Youth Foundation

Many students of the University of Macedonia are housed in the National Youth Foundation (Student Hall) located behind the university campus (Hortatzidon-Kyriakidi). The University of Macedonia is charged by the National Youth Foundation for the above students the same amount that it is charged for the students who receive free meals. Thus students who live in Hall are required to submit to the University the same documents required for an application for free meals, in addition to the documents they are required to submit to the Student Hall.

i) Textbooks and Notes

Students enrolled, transferred or enrolled as graduates of other higher educational institutions in the Department are entitled to free textbooks, study aids and notes for the subjects on the curriculum.

j) Library-Reading Room

On the mezzanine floor of the University of Macedonia there is the Library and Reading Room covering about 1.300 m². The Reading Room has seating for 200.

The library contains approximately 60.000 books and periodicals. 30.000 books are kept in the library and the remaining 30.000 in the faculty's offices. The library subscribes to about 530 journals and periodicals, of which 380 are foreign and 150 Greek (statistical series, publications by banks and professional bodies, journals of marketing, management, economics, computer science, law journals, etc.) The

same sciences are covered by the foreign titles.

The books are catalogued according to the 2nd edition of the Anglo-American Cataloguing Rules and classified using the Dewey decimal system.

The library is not open to the public. Books may be borrowed by the faculty of the University, and by students at the hours during which the Reading Room is open.

The Reading Room is open weekdays from 9:00 to 20:00, except on Fridays when it closes at 18:30.

k) The Computer Centre

The University Computer Centre is located on the first floor. Its facilities are available for student practice and for the use of the faculty.

l) Physical Education

In parallel with body exercise the student gets in touch with various sports. The students are trained in the athletics and the gymnastics rooms that are to be found on the ground floor of the main University building.

Facilities in national gymnasiums such as Posidonion and Kaftandjoglio are also used for those sports for which there are no facilities at the University.

UNIVERSITY OF MACEDONIA STUDENTS' ASSOCIATION

Tel. 832.232, P.O. Box 1591

AIESEC

AIESEC (Association Internationale des Etudiants Sciences Economiques et Commerciales) operates a Branch at The University of Macedonia.

Tel. 854.725, P.O. Box 1591

