



Faculty of Management, Economics and Business Technology - Egyptian Russian University

ECONOMICS PROGRAM SPECIFICATION (2023-2024)

**According to bylaw 2022
ECONOMICS DEPARTMENT**

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A. Basic Information

Program title:	Economics
Program type:	Single
Department responsible for the program:	Economics Department.
Departments/ sharing in the program	All departments
Date of program approval according to bylaw:	8/2022
Date of program specification approval:	
▪ Department Council Approval:	10/2023
▪ Faculty Council Approval:	18/10/2023
Program Coordinator:	Associate prof. Engy Raouf Abdelfatah
Program Internal Reviewer:	Prof. Altahra Elsayed Mohamed

B. Professional Data

1) Faculty Mission:

The Faculty of Management, Economics, and Business Technology, Egyptian Russian University, is committed to provide distinguished educational programs that keep pace with cognitive developments and modern technologies to equip and prepare human capital and entrepreneurs capable of competing in the local and regional labor markets, support and develop scientific research and community services to contribute in building a knowledge-based society and sustainability within the framework of ethical values and professional responsibility.

2) Economics Program Mission:

The Economics program at the Faculty of Management, Economics, and Business Technology, Egyptian Russian University seeks to prepare distinguished graduate who has professional and ethical skills that are suitable for local and regional labor markets requirement and be able to contribute efficiently in scientific research and effectively deals with societal issues and achieve sustainable development goals and inclusive growth.

3) Graduate attributes

The graduates of Economics programs should be able to:

1. Using the scientific method in thinking and solving problems
2. Employing the knowledge and skills acquired in the field of specialization to serve Community and surrounding environment positively.
3. Empower effective communication with others.
4. Interacting with global developments and changes and anticipating the nature and impact of these Developments and changes in his field of specialization.
5. Continuing education to develop knowledge and professional skills related to the field Specialization.
6. Commitment, bearing responsibility, and completing the work assigned to him in accordance with legal rules, ethical and professional standards.
7. Preparing project feasibility studies and evaluating investment proposals.
8. Use of computers and information technology.
9. Understand and analyze the behavior of individuals (consumers and workers) and establishments (businessmen and government) with regard to the production, exchange and consumption of goods and provision of services, and then provide advice on making production, exchange, consumption and pricing decisions for products and services.
10. Estimating and calculating macroeconomic variables such as gross domestic product, inflation and unemployment rates, preparing the general budget, and calculating the balance of payments.

11. Conducting feasibility studies and evaluating projects at the national level and their implications for the financial profitability of the project in a way that maximizes the return of private projects.
12. The ability to apply basic economic principles and interpret various economic issues and problems affecting the performance of business organizations.
13. Improve the efficient use of available resources by applying economic principles to rationalize decision-making.
14. Contributing to the work and development of investment and production plans at the national level and at the levels of economic activity sectors and their projects.

4) Program Aims

The aims of the program are to Develop qualified graduates who are able to:

- 1) Utilize the scientific methods and analytical thinking for understanding complex economic problems in real life situations. **(ARS: 1.1)**
- 2) Analyze economic challenges and opportunities within the community to provide solutions for economic issues. **(ARS: 1.2).**
- 3) Evaluate the impact of economic activities on the environment and social well-being. **(ARS: 1.2).**
- 4) Engage with community stakeholders to understand their needs and priorities. **(ARS: 1.2).**
- 5) A5) Communicate effectively and interact with different social groups and economies. **(ARS: 1.3).**
- 6) respond proactively to challenges, understand global diversity in economics practices, the changes in economic standards on micro and macro levels, and assess their impact on the field of economics **(ARS: 1.4).**
- 7) engage in lifelong learning to remain at the forefront of economic field, continuously expanding their knowledge and contributing to the advancement of economics. **(ARS: 1.5).**
- 8) provide graduates with the appropriate tools to translate their economic knowledge into real-world business solutions, driving success while upholding, legal rules, social awareness and the highest ethical standards. **(ARS: 1.6)**

- 9) analyze investment projects from multiple angles, balancing technical considerations with financial constraints, legal restrictions, and environmental responsibility to identify the optimal course of action. **(ARS: 1.7).**
- 10) Utilize effectively economic modeling software to simulate real-world scenarios and evaluate policy options and applications **(ARS: 1.8).**
- 11) analyze the behavior of consumers, workers, firms, and governments in markets for goods, services, and labor. **(ARS: 1.9)**
- 12) provide evidence-based policy recommendations on production, trade transactions, consumption, and pricing decisions that optimize outcomes for individuals and society. **(ARS: 1.9)**
- 13) Measure key economic indicators; GDP, inflation, and unemployment, government budgets and balance of payments to formulate sound macroeconomic policy and national economic development strategies. **(ARS: 1.10)**
- 14) design and conduct feasibility studies to evaluate financial viability and economic impact on Macro-level projects and Micro-level project returns. **(ARS: 1.11)**
- 15) apply the economic principals, theories and models to solve economic issues and problems affecting business performance to make informed decisions. **(ARS: 1.12)**
- 16) Enhance the application of economic principles to efficiently allocate scarce resources across firms and the nation while making rational decisions to maximize welfare and minimize waste, ensuring sustainable economic development. **(ARS: 1.13)**
- 17) Contribute to the development and implementation of investment and production plans at both Macro and Micro levels. **(ARS: 1.14)**

5. program Intended Learning Outcomes (ILOs)

1. Knowledge and Understanding:

By the end of the program the graduate should be able to

- 1/1 Describe the different forms and types of business organizations and the distinctive features of each. (ARS: 2.1)
- 1/2 Explain the different environments, in which organizations operate, and the methods of dealing with them. (ARS: 2.2)
- 1/3 Identify the recent developments, trends and contemporary issues related to the field of economics. (ARS: 2.3)
- 1/4 Discuss the basic principles, theories, trends, and schools of thought in the field of economics. (ARS: 2.4)
- 1/5 Acquire knowledge of mathematics and statistics, accounting, management, and information technology that is related to the field of economics. (ARS: 2.5)
- 1/6 Identify the scientific research methodologies and its tools, methods of measurement and analysis techniques. (ARS: 2.6)
- 1/7 Relate social and behavioral sciences to economics field. (ARS: 2.7)
- 1/8 Illustrate business ethics and professional practice in the field of economics. (ARS: 2.8)
- 1/9 Discuss microeconomic facts (at the individual and firm level) related to decision-making, choice, production, exchange of goods and services, pricing, and use of inputs (factors of production and raw materials) (ARS: 2.9)
- 1/10 Demonstrate the macroeconomic challenges of unemployment, national income, balance of payments, income distribution pattern, inflation, growth, economic fluctuations, money and finance, public finance of the state, and their

impact on the business environment and production and pricing decisions. (**ARS: 2.10**)

1/11 Identify economic policies at both the micro and macro levels, and discuss the methods of analysis, economic models, and various scientific research methods when addressing issues and policies that affect the activities of business organizations, and how to deal with these conditions. (**ARS: 2.11**)

1/12 Identify problem-solving and decision-making methods, and acquire how to make decisions in light of the opportunity cost, i.e., thinking about the costs required to solve the problem or make a decision and evaluating them in light of that to rationalize decision-making and ensure the effectiveness of solutions. (**ARS: 2.12**)

2. Intellectual Skills:

By the end of the program the graduate should be able to:

- 2/1 Choose the suitable scientific method in thinking, analysis, and drawing conclusions (**ARS 3.1**).
- 2/2 Select different principles and approaches of creative thinking in solving problems. (**ARS 3.2**)
- 2/3 Criticize and discover the positive and negative elements associated with contemporary issues. (**ARS 3.3**).
- 2/4 Analyze numbers and interpret their implications. (**ARS 3.4**)
- 2/5 Evaluate different situations in an effective manner that enables the organization to transform threats into opportunities. (**ARS 3.5**)
- 2/6 Organize and present data in appropriate ways (raw data in tables, and information in graphic forms), which helps in absorbing and analyzing phenomena and not being deceived by numbers, measuring their significance, and the degree of confidence in them, which helps to make appropriate decisions. (**ARS 3.6**)

- 2/7 Predict economic phenomena in the field of production, money and business, and analyze these phenomena scientifically in order to distinguish between the scientific explanations and differentiate their causes and effects in order to deal with them on scientific bases. **(ARS: 3.7)**
- 2/8 Utilize information systems, and strategic thinking to motivate the awareness of opportunities, utilize strengths, avoid conflicts of interest and develop negotiation skills when creating strategic plans or important decisions at the level of private and governmental organizations. **(ARS: 3.8)**
- 2/9 Anticipate and oversee behind the effects or direct results of any decision, and anticipate its' result outcomes in a series of events, which helps rationalize decision-making and takes into account the environmental and social impacts. **(ARS: 3.9)**

3. Professional and Practical skills:

By the end of the program the graduate should be able to:

- 3/1 Manage and utilize efficiently the organization's physical, financial, human, and other resources. **(ARS 4.1)**
- 3/2 Conduct market studies and analysis. **(ARS 4.2)**
- 3/3 Assess various information from different sources and their validity. **(ARS 4.3)**
- 3/4 Collect data and statistics and assess their economic and social indicators. **(ARS 4.4)**
- 3/5 Design Economics, managerial, and insurance information systems related to various business disciplines. **(ARS 4.5)**
- 3/6 Solve practical Economic problems by employing scientific methods. **(ARS 4.6)**
- 3/7 Evaluate business performance by applying fundamental principles of control. **(ARS 4.7)**

3/8 Prepare and interpret financial reports using a scientific and analytical approach.

(ARS 4.8)

3/9 Employ appropriate software packages and information technology in micro and macroeconomics. **(ARS 4.9)**

3/10 Utilize financial data, research findings, and other business reports to improve and boost organizational performance. **(ARS 4.10)**

3/11. Deduce informed choices, leveraging statistical models, critical thinking, and rationale to improve decision-making for work, production, and service provision. **(ARS 4.11)**

3/12. Apply economic theory and reasons to practical issues, interpret commercial, economic, social and environmental policies at the enterprise or macroeconomic level. **(ARS 4.12)**

3/13. Analyze data to contribute to understanding economic issues, rationalizing decision-making, and developing work systems in economic units. **(ARS 4.13)**

3/14. Employ the methods of thinking regarding the nature of economic variables and how to deal with its behavior. **(ARS 4.14)**

3/15. Achieve the greatest return, and efficiently utilize the concept of incentives in setting the rules governing and organizing performance, especially in managing human resources within business organizations or dealing with external parties. **(ARS 4.15)**

4. General and Transferable Skills:

By the end of the program the graduate should be able to:

4/1 Manage time effectively. **(ARS: 5.1)**

4/2. Communicate and influence others by various means effectively. **(ARS: 5.2)**

4/3. Work with others as part of a team and can lead a team. **(ARS: 5.3)**

- 4/4. Support ongoing professional development and lifelong learning by enhancing intellectual and cognitive skills. **(ARS: 5.4)**
- 4/5. Employ problem-solving methods at both individual and institutional levels efficiently. **(ARS: 5.5)**
- 4/6. Apply communication, presentation and negotiation skills. **(ARS: 5.6)**
- 4/7. Utilize self-management skills to handle work-related stress. **(ARS: 5.7)**
- 4/8. Encourage innovation, development, and continuous improvement in the workplace. **(ARS: 5.8)**
- 4/9. Use various scientific economics terminologies efficiently. **(ARS: 5.9)**
- 4/10. Employ the English language effectively in all discussions, research, and presentations. **(ARS: 5.10)**
- 4/11. Apply information technology and utilize development of economic information systems to increase efficiency degrees in practical applications. **(ARS: 5.11)**

6. Academic Standards

After modifying regulation 2018 and issuing the new bylaw 2022 on **9 / 2022**, the Council of the economics Department readopted the Academic Reference Standard for Economics program guided by (NARS 2009) for the faculties of Commerce, and Economics program issued by the National Authority for Quality Assurance and Accreditation (NAQAAE) and approved by department / **9 / 2022** and Faculty Council on **21/9/ 2022**.

7. Reference Standards (Benchmark)

- (NARS 2009) for the faculties of Commerce issued by the National Authority for Quality Assurance and Accreditation (NAQAAE).

- (NARS 2009) for Economics program issued by the National Authority for Quality Assurance and Accreditation (NAQAAE).

8. Program Structure and duration:

- a) Academic Degree:** B.Sc. Degrees in Economics.
- b) Program duration:** The program duration consists of 4 academic years. Academic year is divided into two regular semesters (fall and spring) each semester consists of fifteen weeks, in addition to summer semester.
- c) Program Subject Areas**
- Total Teaching Hours: 170 (138 theoretical, 28 tutorials, 4 lab)
 - Total credit Hours: 140

Subject Area	No. of courses	Lec.	Tut.	Lab	Total	Credit Hour	Achieved (%)	ARS (%)
a) Basic sciences courses	15	41	4	-	45	41	29.3%	28 -32 %
b) Economics major courses	19	57	17	-	74	57	40.7%	40-48 %
c) Major supportive science courses	5	13	1	4	18	15	10.7%	8 -12 %
d) Courses from other sciences	6	16	4	-	20	16	11.4%	6-8 %
e) Graduation project	4	11	2	-	13	11	7.9%	8-10 %
Total amount of credited courses	49	138	28	4	170	140	100%	100%

In addition to the Above courses, the students are obligated to accomplish:

Training:

- The students of third levels should complete three weeks in practical field training
- The faculty council or someone on behalf supervises the students during the training period.

E) Graduation Project (11 credit hours)						
N	Code	Course title(s)	Lectures	Lab/ Tutorial	Credits	Pre-requisite(s)
1	ECO 414	Econometrics for time series	3	1	3	ECO 310
2	STA 302	Applied Statistics.	3	1	3	STA 201
3	HM 009	Scientific Research Methodology.	2	-	2	-
4	ECO 422	Graduation project	3	-	3	HM 009 – ECO 414
Total of Credit Hours					11	

- To complete the graduation requirements, the students should deliver an official statement of training period from the institutions responsible for their training.

Graduation projects:

Students work individually or in teams on original research in their area of interest to prepare a written graduation project and dissertation, in accordance with the scientific research methodology, under the supervision of the faculty staff. During the semester, students should involve in seminars to follow the progress on the graduation project (dissertation). The evaluation of the project will be done through oral presentation and discussion.

a) Basic sciences courses (41 credit hours)

1. Compulsory courses (39 Credit hours)						
N	Code	Course title(s)	Lectures	Lab/ Tutorial	Credits	Pre-requisite(s)
1	MTH 101	Introduction to Mathematics for Economics & Business	3	1	3	MTH 101
2	MTH102	Financial Mathematics	3	1	3	MTH 101
3	STA 201	Introduction to Statistics	3	1	3	MTH 101
4	POL 101	Principles of Political Science	3	-	3	-
5	POL 202	Principles of Public Policies	3	-	3	POL 101
6	MGT 101	Introduction to Management	3	-	3	-

7	MGT 102	Introduction to Marketing	3	-	3	MGT 101
8	MGT 203	Introduction to Human Resources Management	3	-	3	MGT101
9	MGT 304	Organization behavior	3	-	3	MGT 101
10	MGT 305	Entrepreneurship & Small Enterprises Management.	3	1	3	MGT 101
11	LAW301	Business Law.	3	-	3	-
12	HM 003	English language 1	2	-	2	-
13	HM 004	English language 2	2	-	2	HM003
14	HM 006	Human Rights & Anti-corruption	2	-	2	-
2. Elective courses (2 Credit hours)						
1	HM 007	Technical writing	1	-	1	-
2	HM 009	Scientific Research Methodology.	2	-	2	-
3	HM 010	History of Egypt	1	-	1	-
4	HM 015	Russian Language3	2	-	2	HM 002
5	HM 005	Scientific thinking	2	-	2	-
Total of Credit Hours					43	
Total of courses					16	

b) Economics major courses (57 credit hours)

1. Compulsory courses (48 Credit hours)						
N	Code	Course title(s)	Lectures	Lab/ Tutorial	Credits	Pre-requisite(s)
1	ECO 101	Introduction to Microeconomics	3	1	3	-
2	ECO 102	Introduction to Macroeconomics	3	1	3	-
3	ECO 203	Money and Banking	3	1	3	ECO 101 – ECO 102

4	ECO 204	International Economics	3	1	3	ECO 101 – ECO 102
5	ECO 305	Economics of Public finance.	3	1	3	ECO 102
6	ECO 306	Microeconomic Theory	3	1	3	ECO 101
7	ECO 307	Mathematical Economics	3	1	3	MTH 102 - ECO 101 – ECO 102
8	ECO 308	Development Economics.	3	-	3	ECO 101 – ECO 102
9	ECO 309	Macroeconomic Theory	3	1	3	ECO305
10	ECO 310	Econometrics	3	1	3	ECO 307
11	ECO 311	Labor Economics	3	1	3	ECO 101
12	ECO 415	International Monetary and Financial Systems	3	-	3	ECO 204
13	ECO 416	Economic Policy and Analysis	3	1	3	ECO306 - ECO309
14	ECO 419	history of economic thoughts	3	-	3	ECO 306
15	ECO 420	industrial economics	3	-	3	ECO 101
16	ECO 421	contemporary economic issues	3	-	3	ECO 306 – ECO 309
2. Elective courses (9 Credit hours)						
1	ECO 312	Financial Economics	3	1	3	ECO 101
2	ECO 313	Energy economics	3	1	3	ECO 101 - ECO 102
3	ECO 417	Economics of Egypt and Africa	3	1	3	ECO 101
4	ECO 418	Health economics	3	1	3	ECO 101
5	ECO 423	welfare economics	3	1	3	-
6	ECO 424	Business Data Forecasting	3	1	3	-
7	ECO 425	Information Economics	3	1	3	ECO 101 – ECO 102 - IST 202
Total of Credit Hours					54	

C) Supportive courses (15 credit hours)

N	Code	Course title(s)	Lectures	Lab/ Tutorial	Credits	Pre- requisite(s)
1	FIN 102	principles of finance and investment	3	1	3	ECO 203 – ACC 203
2	POL 203	Principles of International Relations	3	-	3	POL 102
3	MGT 417	Business Feasibility Study	3	-	3	ECO 101 – STA 201 – MGT 101
4	IST 101	Information System/ Technology1	2	2 (lab)	3	-
5	IST 202	Information System / Technology 2	2	2 (lab)	3	IST 101
Total of Credit Hours					15	

D) Courses from other sciences (16 credit hours)

N	Code	Course title(s)	Lectures	Lab/ Tutorial	Credits	Pre-requisite(s)
1	ACC 101	Financial Accounting 1	3	1	3	-
2	ACC 102	Financial Accounting 2	3	1	3	ACC 101
3	ACC 203	Intermediate Accounting 1	3	1	3	ACC 102
4	ACC 204	Intermediate Accounting 2	3	1	3	ACC 203
5	HM 001	Russian language 1	2	-	2	-
6	HM 002	Russian language 2	2	-	2	HM 001
Total of Credit Hours					16	

E) Graduation Project (11 credit hours)

N	Code	Course title(s)	Lectures	Lab/ Tutorial	Credits	Pre-requisite(s)
1	ECO 414	Econometrics for time series	3	1	3	ECO 310
2	STA 302	Applied Statistics.	3	1	3	STA 201
3	HM 009	Scientific Research Methodology.	2	-	2	-
4	ECO 422	Graduation project	3	-	3	HM 009 – ECO 414
Total of Credit Hours					11	

Bylaw structure of the program:

First: University Requirements (14 credit hours)					
1. Compulsory courses (12 Credit hours)					
Code	Course title(s)	Lectures	Lab/Tutorial	Credits	Pre-requisite(s)
HM001	Russian language 1	2	-	2	
HM002	Russian language 2	2	-	2	HM001
HM003	English language 1	2	-	2	
HM004	English language 2	2	-	2	HM003
HM005	Scientific thinking	2	-	2	
HM006	Human Rights & Anti-corruption	2	-	2	

2. Elective courses (2 Credit hours)					
HM007	Technical writing	1		1	
HM 009	Scientific Research Methodology.	2	-	2	
HM 010	History of Egypt	1		1	
HM015	Russian Language ³	2	-	2	HM 002

Second: Faculty Requirements (75 credit hours Compulsory)						
Code	Course title(s)	Lectures	Lab/Tutorial	Credits	Pre-requisite(s)	
ECO 101	Introduction to Microeconomics	3	1	3		
MTH 101	Introduction to Mathematics for Economics & Business	3	1	3		
ACC 101	Financial Accounting 1	3	1	3		
MGT 101	Introduction to Management	3	-	3		
POL 101	Principles of Political Science	3	-	3		
ECO 102	Introduction to Macroeconomics	3	1	3		
MTH102	Financial Mathematics	3	1	3	MTH 101	
ACC 102	Financial Accounting 2	3	1	3	ACC 101	
MGT 102	Introduction to Marketing	3	-	3	MGT 101	
IST 101	Information System/ Technology1	2	2 (lab)	3		
ECO 203	Money and Banking	3	1	3	ECO 101	ECO 102
MGT 203	Introduction to Human Resources Management	3	-	3	MGT101	
ACC 203	Intermediate Accounting 1	3	1	3	ACC 102	
POL 202	Principles of Public Policies	3	-	3	POL 101	
IST 202	Information System / Technology 2	2	2 (lab)	3	IST 101	
ECO 204	International Economics	3	1	3	ECO 101	ECO 102
FIN 201	principles of finance and investment	3	1	3	ECO 203	ACC 203
ACC 204	Intermediate Accounting 2	3	1	3	ACC 203	
POL 203	Principles of International Relations	3	-	3	POL 101	POL 202
STA 201	Introduction to Statistics	3	1	3	MTH 101	
ECO 305	Economics of Public finance.	3	1	3	ECO 102	
MGT 304	Organization behavior	3	-	3	MGT 101	
STA 302	Applied Statistics.	3	1	3	STA 201	

ECO 308	Development Economics.	3		3	ECO 101	ECO 102
LAW301	Business Law.	3	-	3		

Third: Major Requirements (51 credit hours)

1. Compulsory courses (42 Credit hours)

Code	Course title(s)	Lectures	Lab/Tutorial	Credits	Pre-requisite(s)		
MGT 305	Entrepreneurship & Small Enterprises Management.	3	1	3	MGT 101		
ECO 306	Microeconomic Theory	3	1	3	ECO 101		
ECO 307	Mathematical Economics	3	1	3	MTH 102	ECO 101	ECO 102
ECO 309	Macroeconomic Theory	3	1	3	ECO 102		
ECO 310	Econometrics	3	1	3	ECO 307		
ECO 311	Labor Economics	3	1	3	ECO 101		
ECO 414	Econometrics for time series	3	1	3	ECO 310		
ECO 415	International Monetary and Financial Systems	3	-	3	ECO 204		
MGT 417	Business Feasibility Study	3	-	3	ECO 101	STA 201	MGT 101
ECO 416	Economic Policy and Analysis	3	1	3	ECO 306		
ECO 419	history of economic thoughts	3	-	3	ECO 306		
ECO 420	industrial economics	3	-	3	ECO 101		
ECO 421	contemporary economic issues	3	-	3	ECO 306	ECO 309	
ECO 422	Graduation project (dissertation)	3	-	3	ECO 414	HM 009	

2. Elective courses (9 Credit hours)

Code	Course title(s)	Lectures	Lab/Tutorial	Credits	Pre-requisite(s)		
ECO 312	Financial Economics	3	1	3	ECO 101		
ECO 313	Energy economics	3	1	3	ECO 101	ECO 102	

ACC 305	Cost Accounting 1	3	1	3	ACC 102
MGT 416	Strategic Management	3	-	3	MGT 101
ECO 417	Economics of Egypt and Africa	3	1	3	ECO 101
ECO 418	Health economics	3	1	3	ECO 101
ECO 423	welfare economics	3	1	3	
ECO 424	Business Data Forecasting	3	1	3	
ECO 425	Information Economics	3	1	3	ECO 101 ECO 102 IST 202

Level 1

Code	Course title(s)	Lectures	Tutorials	Credits	Pre-requisite(s)
Semester 1					
ECO 101	Introduction to Microeconomics.	3	1	3	
MTH 101	Introduction to Mathematics for Economics & Business	3	1	3	
ACC 101	Financial Accounting 1	3	1	3	
MGT 101	Introduction to Management.	3	-	3	
POL 101	Principles of Political Science	3	-	3	
HM 003	English Language 1	2	-	2	
	Total Credits:			17	
Semester 2					
ECO 102	Introduction to Macroeconomics.	3	1	3	
MTH 102	Financial Mathematics.	3	1	3	MTH 101
ACC 102	Financial Accounting 2.	3	1	3	ACC 101
MGT 102	Introduction to Marketing.	3	-	3	MGT 101
IST 101	Information System / Technology 1.	2	2 (lab)	3	

HM 004	English Language 2	2	-	2	HM 003
	Total Credits:			17	



Level 2

Economics program specification

Code	Course title(s)	Lectures	Tutorials	Credits	Pre-requisite(s)	
Semester 3						
ECO 203	Money and Banking.	3	1	3	ECO 101	ECO 102
MGT 203	Introduction to Human Resources Management.	3	-	3	MGT 101	
ACC 203	Intermediate Accounting 1	3	1	3	ACC 102	
POL 202	Principles of Public Policies.	3	-	3	POL 101	
HM 006	Human Rights & Anti-corruption.	2	-	2		
IST 202	Information System / Technology 2.	2	2(lab)	3	IST 101	
HM 001	Russian Language 1.	2	-	2		
	Total Credits:		6	19		
Semester 4						
ECO 204	International Economics.	3	1	3	ECO 101	ECO 102
FIN 201	principles of finance and investment	3	1	3	ECO 203	ACC 203
ACC 204	Intermediate Accounting 2.	3	1	3	ACC 203	
POL 203	Principles of International Relations.	3	-	3	POL 101	POL 202
HM 005	Scientific Thinking.	1	-	1		
STA 201	Introduction to Statistics.	3	1	3	MTH 101	
HM 002	Russian Language 2.	2	-	2	HM 001	
	Total Credits:			18		

Level 3

Economics program specification

Code	Course title(s)	Lectures	Tutorials	Credits	Pre-requisite(s)
Semester 5					
ECO 305	Economics of Public finance.	3	1	3	ECO 102
MGT 304	Organizational behavior	3	-	3	MGT 101
MGT 305	Entrepreneurship & Small Business Management.	3	1	3	MGT 101
STA 302	Applied Statistics.	3	1	3	STA 201
ECO 306	Microeconomic Theory.	3	1	3	ECO 101
ECO 307	Mathematical Economics.	3	1	3	MTH 102 ECO 101 ECO 102
	Total Credits:			18	
Semester 6					
ECO 308	Development Economics.	3	-	3	ECO101 ECO102
LAW 301	Business Law.	3	-	3	
ECO 309	Macroeconomic Theory	3	1	3	ECO 102
ECO 310	Econometrics 1	3	1	3	ECO 307
ECO 311	Labor Economics	3	1	3	ECO 101
Elective 1	ECO 312 Financial Economics	3	-	3	ECO 101
	ECO 313 Energy Economics.		-		ECO 101
	ACC 305 Cost Accounting 1		1		ACC 102
	Total Credits:			18	

Level 4

Code	Course title(s)		Lectures	Tutorials	Credits	Pre-requisite(s)		
Semester 7								
HM 009	Scientific Research Methodology		2	-	2			
ECO 414	Econometrics for time series		3	1	3	ECO 310		
ECO 415	International Monetary and Financial Systems.		3	-	3	ECO 204		
MGT 417	Business Feasibility Study		3	-	3	ECO 101	MGT 101	STA 201
ECO 416	Economic Policy and Analysis		3	1	3	ECO306		ECO309
Elective 2	ECO 417	Economics of Egypt and Africa	3	-	3	ECO 101		
	ECO 418	Health economics				ECO 101		
	MGT 416	Strategic Management				MGT 101		
	Total Credits:				17			
Semester 8								
ECO 419	history of economic thoughts		3	-	3	ECO 306		
ECO 420	industrial economics		3	-	3	ECO 101		
ECO 421	contemporary economic issues		3	-	3	ECO 306		ECO 309
ECO 422	Graduation project (dissertation)		3	-	3	ECO 414		HM009
Elective 3	ECO 423	welfare economics	3	1	3			
	ECO 424	Business Data Forecasting						
	ECO 425	Information Economics				3	-	3
	Total Credits:				15			

9. Courses Content and Specification

Review Appendix (E): Program ILOs and Courses Matrix

Review Appendix (F): Courses Specification

10. Program Admission and Transfer Requirements:

■ Program Admission

The faculty offers B.Sc. Degrees to targeted groups: National, Azhary, International, and Arabian holders of secondary school certificates, or their equivalents, according to the percentage rates determined by the Supreme Council of Universities for the equivalent faculties in the governmental universities. Recently, the faculty provides the bachelor degree in various specializations which are equivalent to those in the governmental universities as shown the table:

Department	Programs	Acceptance terms	Equivalent faculties
Economics	Economics	<ul style="list-style-type: none"> Scientific section (Science - Mathematics) Literary Division 	Commerce

■ Transfer Requirements:

Transfer Standards and Procedures for Transfers to and from the Program

First: Transfer Standards from Corresponding Colleges:

1. Achieving the minimum allowable grades for application based on the date of obtaining the certificate and the type of academic qualification.
2. Prompt completion of the required documents and payment of college fees immediately upon announcement of acceptance results within a maximum of (5) working days, otherwise the nomination will be considered void.
3. The university's Equivalency Committee proposes a list of courses in which the applicant has succeeded, considering them as equivalents to the university's courses. This list is submitted to the Ministry's Equivalency Committee for

approval of exempting the applicant from studying those courses at the university or not.

4. Selection of accepted students is based on the highest grades and the least number of credit hours completed at the transferring college.

Second: Transfer Standards of Major:

- **Change of Major:** Students might change their major given the following conditions fulfilled:

A- **Before starting the third level where,** Students have not yet completed 107 credit hours and hence not yet registered as seniors.

B- Approval by the Faculty.

Students must complete at least 140 total credit hours, given that the minimum letter grade in any course is "D" and the minimum Cumulative Grade Point Average (CGPA) is "C" to be awarded a Bachelor of Science Degree (S. Sc.).

11. Rules governing the progression and completion of the program

The Program grants a bachelor's degree in Economics, provided that the student passes the courses of the study plan and the Graduation's project and completes the practical field training.

11.1 Graduation:

Students must complete **at least 140 total** credit hours, given that the minimum letter grade in any course is "D" and the minimum Cumulative Grade Point Average (CGPA) is "C" to be awarded a Bachelor of Science Degree (S. Sc.).

- **Major Declaration:** Student would select his/her field of study starting with third academic year after earning minimum of 65 credit hours including the introductory courses related to the chosen field of study.
- **Double Major:** A graduate with B. Sc. from any of the departments of the faculty might continue his/her studies in the other departments and receive additional B. Sc. on the

condition of earning a minimum of 48 Credit Hours in the new selected department.

11.2 Regulations of Studies

- **Credit Hour System:** The study in the faculty is based on the credit hour system. A credit hour is equivalent to one hour of theoretical study or two hours of lab/practical training.
- **Semesters:** Academic year is divided into two regular semesters (fall and spring); each semester consists of fifteen weeks. The faculty could arrange for summer semester which covers six weeks where students would be allowed to register for a maximum of seven credit hours.
- **Academic Advising and Registration:** The faculty assigns academic advisors from the staff to each group of students. The academic advisors guide students in the selection of courses and the field of study during their four academic years. The academic advisor's guidance is optional. The student is responsible for the final selection of courses and field of study. Registration of courses during the period of registration as announced in the academic calendar is mandatory. Students could only register courses which they successfully completed their prerequisites.
- **Class Level:** The faculty has 4 class levels: Freshman, sophomore, Junior and Senior. Class level of each student is determined by the total number of earned credit hours for the student. Students become sophomores upon earning 34 credit hours, juniors by reaching 71 credit hours, and finally develop into seniors upon earning 107 credit hours.
- **Academic Load:** Students, in both Fall and Spring semesters, register a maximum of 20 credit hours and a minimum of 12 credit hours per semester, except during their graduating-senior semester, where there are no minimum credit hours to register, with keeping the maximum limit of register. Yet in the summer semester, a normal load shall not exceed 7 credit hours (9 credit hours in case of graduation). Students who are eligible to register an academic overload of up to additional 3 hours, must have a CGPA of not less than 3 subjected to the faculty's approval.
- **Teaching Language:** English is the language of teaching. However, the Faculty Council might, based on suggestions from the departments, offer one or more courses in any level, in Arabic language or other languages.

11.3 Attendance or Absence:

- Attending classes and labs are essential where students benefit from lectures and discussions with professors and classmates. Students should attend regularly to avoid any negative impact on their grades.
- In case of absence of one of the semester tests without acceptable excuse, students will not be given another test opportunity.
- If absence percentage in one of the courses reached, during the first twelve weeks of the semester, 25% of attendance the student may withdraw from the course. If absence percentage, however, exceeded 25% the student would not be allowed to withdraw, attend lectures, attend final exam and will receive F in the course. The student should receive at least one warning before being Deprived.

11.4 Incomplete Course:

- In specific cases, students, who are unable to take the final exam of a course(s), have the right to submit an acceptable excuse within a period that doesn't exceed 72 hours from the date of the final exam.
- To have the right to receive a grade Incomplete (I), student must achieve at least 50% of the marks of the course work and the approval of the faculty.
- The student should take the final exam of the incomplete course in the second week of the next semester at most.
- The student will get a grade of (F) if he/she didn't succeed in the final exam or didn't attend it within the specified period.
- In case of continuous course for more than a semester, the student will get a grade in progress (IP).

11.5 Cheating:

In a case of cheating during written exams, the cheating student will not be allowed, by the Dean's decision, to complete the exam and will receive grade "F" in the course.

11.6 Warnings:

- If a student at the end of a semester (except the first registered semester) received CGPA less than 2.0 he/she would be put under probation and academic supervision. He/she should upgrade the CGPA to 2.0 through maximum 3 consecutive semesters.
- In this case a written warning should be sent to the student and a copy to his parents explaining the consequences of his lack of commitment to the academic supervision.
- During that period, student under probation and academic supervision would not be allowed to register for more than 12 Credit Hours in a semester in addition to the English course. During the period, student will not be allowed to participate in sports teams and other cultural and artistic activities organized by the University or run for election in student union in the University.
- During that period, student should meet with his academic advisor at least twice a month. The academic advisor should follow up on the student status with other professors.
- In a case of student suspension, the student might appeal to the University to restart his studies. The University would study his/her case and the social, psychological and academic circumstances, which lead to his/her suspension. If the University approved the appeal, it would determine the conditions for the student to continue his/her studies.

11.7 Repeating courses:

- Repeating a course in case of a student wishes to improve his/her grades (CGPA) in a number of courses that allow his/her to graduate.
 - A student might repeat a course(courses) to improve his/her grade if the course's grade is less than (C) in this course. In this case, the higher grade will be calculated into the GPA (the maximum grade will be (RB+)) and the previous grade will be erased from the student's record. Subject to approval of the faculty.
 - A student may repeat the same course for 2 times as maximum, he/she should present an appeal to Faculty with the view of the academic advisor, subject to approval of the faculty.
- The student is allowed to repeat a course which he/she failed, but a grade of (RC) will be calculated in his /her CGPA.

11.8 Change of Courses:

- Students who wish to drop or add any course must follow the rules which are determined

by registration office in the faculty.

- Students will not be allowed to add additional course to their schedule after the registration deadline.
- Students may drop classes up to the end of the fourth week of classes in an academic semester, or first week in a summer session.
- Students may withdraw a course(s) after the approval of the academic advisor, a grade of "W" will be assigned to students and won't affect the student's GPA. The cases of withdrawal will be studied in the faculty and the faculty will take the decisions for these cases, With the non-reimbursement of the course fees, with reference to the university's financial regulations.
- In all cases of drop and addition the subject units registered must be at the allowed limitations.
- Students are not allowed to withdraw any course after the twelfth week in the semesters or the third week in the summer semester.

11.9 Grading Scheme:

- Each instructor evaluates students' activities during the semester (attendance, semester exams, assignments and finals) and gives a grade for the course according to the following schedule:

Grade	%	GPA	CGPA
A+	= $96 \leq 100\%$	4.0	More than 3.8
A	= $92 < 96\%$	3.8	More than 3.5
A-	= $88 < 92\%$	3.5	More than 3.4
B+	= $84 < 88\%$	3.2	More than 3.2
B	= $80 < 84\%$	2.9	More than 3
B-	= $76 < 80\%$	2.6	More than 2.7
C+	= $72 < 76\%$	2.3	More than 2.4
C	= $68 < 72\%$	2	2
C-	= $64 < 68\%$	1.7	More than 1.7
D+	= $60 < 64\%$	1.4	More than 1.4

D	= 56 < 60%	1.2	More than 1.2
D-	= 50 < 56%	1	More than 1
F	0 < 50%	0	Less than 1

- The maximum mark for each course is 100 and the minimum mark for passing the course is 50% of the total marks of the course.
- The marks for each course are distributed for each course as follows:
 - 50% for the final exam at the end of the semester, for the student to pass the course he must achieve at least 30% (15 marks) of the total marks of the written exam (final exam).
 - 50% for the course work which are distributed as follows:
 - 30 marks for the quizzes that the professor conducts periodically and works assigned to students during the semester, as well as their participation in lectures and sections. 15 marks are assigned for courses which have labs examination.
 - 20% for midterm exam.
 - GPA at the end of each semester is calculated as follows:

$$\text{GPA} = \frac{\text{Total (Number of credit hours per course} \times \text{Points obtained by the student during the semester)}}{\text{Total credit hours for semester courses}}$$
 - CGPA for the program is calculated as follows:

$$\text{CGPA} = \frac{\text{Total (number of credit hours for each course} \times \text{Points obtained by the student in the course)}}{\text{Total credit hours of courses studied in the program}}$$
 - Percentage of graduation = $\left(\frac{\text{The total marks obtained by the student in four levels}}{\text{Total final marks}} \right) \times 100$
 - The duration of written exam for each course is 2 hours excepts for courses which count for 2 credit hours only, written exam will be one hour. The Faculty Council, based on suggestions from the departments, might change these durations.
 - Grades for graduation certificate are calculated as follows:

Grade	%	CGPA
Excellent	$= 88 \leq 100\%$	More than 3.4
Very Good	$= 80 < 88\%$	More than 3
Good	$= 68 < 80\%$	2
Pass	$= 50 < 68\%$	More than 1

- An honor is awarded for Alumni who his/her CGPA is above 3 in every academic semester.
- For a student to receive honor he/she should not have failed any of the courses.

12. program Teaching and Learning Methods

Methods	Achieved (ILOs)
Interactive lecture	<ul style="list-style-type: none"> - Knowledge and understanding - Intellectual skills
Discussion and brainstorming	
Problem Modelling and solving	<ul style="list-style-type: none"> - Knowledge and understanding - Intellectual skills - Professional and practical skills - General and transferable skills
Tutorial / lab	
Case study	
Self-learning (Research – Report – Assignment – presentation – reading etc...)	<ul style="list-style-type: none"> - Professional and practical skills - General and transferable skills
Field trips	
Role play/ simulation	
Demonstration videos	<ul style="list-style-type: none"> - Knowledge and understanding - Intellectual skills - Professional and practical skills - General and transferable skills
Graduation Project	
E - Learning	
Asynchronous learning	

13. Program Assessment Methods

Methods	Achieved ILOs
Written Exams (Final – Mid-term – Quizzes)	Knowledge and understanding
	Intellectual skills
	Professional and practical skills
Practical Exam (in some courses)	Professional and practical skills General and transferable skills
Class-work (Research – Report – Assignment – presentation – reading etc...)	Knowledge and understanding Intellectual skills Professional and practical skills
Graduation project	General and transferable skills

14. Program Evaluation Methods:

Evaluator	Tool	Sample
1. Senior student	Questionnaires – workshop	Representing sample of students in 4 th level
2. Alumni	Questionnaires – workshop	Representing sample of graduates
3. Stakeholders	Questionnaires	Samples from different sectors.
4. Internal Reviewer(s)	Internal Report	One Annual Report

Administrative Information

Affiliation	Name	Signature
Program Coordinator	Associate prof. Engy Raouf Abdelfatah	Engy Raouf Abdelfatah
Head of the Department	Prof. AlTahra Elsayed Mohamed Hemaya	AlTahra Elsayed Mohamed Hemaya

Appendices A-H

- A.Economics Academic reference standards (ARS).**
- B.Economics ARS V.S General NARS of commerce and Economics NARS.**
- C.Economics Program Missions Vs. Faculty Mission Matrix**
- D.Economics Program Aims Matrix Vs. Graduate Attributes Matrix**
- E.Economics Program ILO's Vs. ARS ILO's**
- F. Economics Program Aims Vs. Economics program ILO's**
- G. Economics Program courses VS. Economics Program ILO's**
- H. Courses Specification**

Appendix (A)

Academic

Reference Standards

Faculty of Management,
Economics and Business Technology
كلية الإدارة والاقتصاد وتكنولوجيا الأعمال

1. Attributes of the Graduates

The graduates must be able to:

1.1.	Using the scientific method in thinking and solving problems.
1.2.	Employing the knowledge and skills acquired in the field of specialization to serve Community and surrounding environment positively.
1.3.	Effective communication and communication with others.
1.4.	Interacting with global developments and changes and anticipating the nature and impact of these Developments and changes in his field of specialization.
1.5.	Continuing education to develop knowledge and professional skills related to the field Specialization.
1.6.	Commitment, bearing responsibility, and completing the work assigned to him in accordance with Legal rules, ethical and professional standards.
1.7.	Preparing project feasibility studies and evaluating investment proposals.
1.8.	Use of computers and information technology.

2. Knowledge and Understanding

The graduates must be able to understand and absorb:

2.1.	The different forms and types of business enterprises and the distinctive features of each.
2.2.	The different environments in which organizations operate and methods of dealing with them.
2.3.	Recent developments, trends, and contemporary issues related to the field of specialization.
2.4.	Basic principles, theories, trends, and schools of thought in the field of specialization.
2.5.	Sciences closely related to the major the student is studying.

- | | |
|------|--|
| 2.6. | Scientific research methods, tools, and methods of measurement and analysis. |
| 2.7. | Integration between business sciences and other social sciences. |
| 2.8. | Business ethics and professional practice in the field of specialization. |

3. Intellectual Skills

The graduates must be able to:

- | | |
|------|---|
| 3.1. | Analysis and conclusion and following the scientific method in thinking. |
| 3.2. | Applying the foundations and principles of innovative thinking. |
| 3.3. | Criticism, discrimination, and discovery of positive and negative elements in the issues and issues raised. |
| 3.4. | Dealing with numbers, analyzing them, and interpreting their meanings. |
| 3.5. | Dealing positively with different situations so as to transform threats into opportunities. |
| 3.6. | Present ideas and viewpoints clearly and express opinions in a scientific manner supported by evidence and objectivity. |

4. Practical and Professional Skills

The graduates must be able to:

- | | |
|------|---|
| 4.1. | Effective employment, development and preservation of material, human and other resources. |
| 4.2. | Conduct market studies and analysis. |
| 4.3. | Search for various sources of information and verify their veracity. |
| 4.4. | Collecting, analyzing and interpreting data and statistics and the economic and social indicators they reflect. |
| 4.5. | Design and operate administrative, accounting and insurance systems, each in their field of specialization. |

4.6.	Using scientific methods to solve practical problems.
4.7.	Foundations and principles of monitoring and performance evaluation.
4.8.	Preparing, presenting and interpreting reports in the field of specialization in a scientific manner.
4.9.	Use of computer applications and information technology in the field of specialization.
4.10.	Using and employing the results of research and studies to develop work and improve performance levels.

5. General and Transferable Skills

The graduates must be able to:

5.1.	Effective time management.
5.2.	Effective communication and influence on others.
5.3.	Work in a Team.
5.4.	Cognitive and intellectual development and continuous self-learning.
5.5.	Using problem-solving methods at the individual or institutional level with high efficiency.
5.6.	Presentation, presentation and dialogue.
5.7.	Self-management and dealing with work stress.
5.8.	Innovation, development and continuous improvement in work.
5.9.	Use technical terminology relevant to the program topics.
5.10.	Familiarity with one of the widely used foreign languages.

Curriculum Structure

Subject Areas	Percentage	Tolerance
Basic science courses	29.3 %	28 – 32 %
Economics major courses	40.7 %	40 – 48 %
Supportive Courses	10.7 %	8 – 12 %
Other courses	11.4 %	6 – 8 %
Graduation project	7.9 %	8 – 10 %
Total	100 %	100 %

1. The Attributes of **Economics** Graduates

In addition to the general attributes of **the general commerce faculties** graduates, the **Economics** graduates must be able to:

1.9.	Understand and analyze the behavior of individuals (consumers and workers) and establishments (businessmen and government) with regard to the production, exchange and consumption of goods and provision of services, and then provide advice on making production, exchange, consumption and pricing decisions for products and services.
1.10.	Estimating and calculating macroeconomic variables such as gross domestic product, inflation and unemployment rates, preparing the general budget, and calculating the balance of payments.
1.11.	Conducting feasibility studies and evaluating projects at the national level and their implications for the financial profitability of the project in a way that maximizes the return of private projects.
1.12.	The ability to apply basic economic principles and interpret various economic issues and problems affecting the performance of business organizations.
1.13.	Improve the efficient use of available resources by applying economic principles to rationalize decision-making.
1.14.	Contributing to the work and development of investment and production plans at the national level and at the levels of economic activity sectors and their projects.

2. Knowledge and Understanding

In addition to the general knowledge acquired by **Commerce faculties** graduates, the **Economics** graduates must be able to:

2.9.	Understand microeconomic facts (at the individual and firm level) related to decision-making, choice, production, exchange of goods and services, pricing, and use of inputs (factors of production and raw materials).(ECO NARS: 2.2)
2.10.	Know the macroeconomic challenges of unemployment, national income, balance of payments, income distribution pattern, inflation, growth, economic fluctuations, money

and finance, public finance of the state, and their impact on the business environment and production and pricing decisions. (ECO NARS: 2.3)

2.11. Identify economic policies at both the micro and macro levels, and discuss the methods of analysis, economic models, and various scientific research methods when addressing issues and policies that affect the activities of business organizations, and how to deal with these conditions. (ECO NARS: 2.4)

2.12. Empower problem-solving and decision-making methods, and acquire how to make decisions in light of the opportunity cost, i.e., thinking about the costs required to solve the problem or make a decision and evaluating them in light of that to rationalize decision-making and ensure the effectiveness of solutions. (ECO NARS: 2.6)

3. Intellectual Skills

In addition to the intellectual skills acquired by **commerce faculties** graduates, the graduates of **Economics** program should be able to:

3.7. Predict economic phenomena in the field of production, money and business, and analyze these phenomena scientifically in order to distinguish between the scientific explanations and differentiate their causes and effects in order to deal with them on scientific bases. (ECO NARS 4.2)

3.8. Utilize information systems, and strategic thinking to motivate the awareness of opportunities, utilize strengths, avoid conflicts of interest and develop negotiation skills when creating strategic plans or important decisions at the level of private and governmental organizations. (ECO NARS 4.3)

3.9. Anticipate and oversee behind the effects or direct results of any decision, and anticipate its' result outcomes in a series of events, which helps rationalize decision-making and takes into account the environmental and social impacts. objective evidence within the business domain. (ECO NARS 4.4)

4. Practical and Professional Skills

In addition to the practical and professional skills acquired by **commerce faculties** graduates, the graduates of the **Economics** program must be able to:

4.11.	Equip graduates to move beyond data to drive informed choices, leveraging statistical models, critical thinking, and rationale to improve decision-making for work, production, and service provision. (ECO NARS: 3.3)
4.12.	Applying economic theory and reasons to practical issues, interpret commercial, economic, social and environmental policies at the enterprise or macroeconomic level. (ECO NARS: 3.4)
4.13.	Analyze data to contribute to understanding economic issues, rationalizing decision-making, and developing work systems in economic units. (ECO NARS: 3.5)
4.14.	Employ the methods of thinking regarding the nature of economic variables and how to deal with its behavior. (ECO NARS: 3.6)
4.15.	Empower the behavior of individuals to achieves the greatest return, and efficiently utilize the concept of incentives in setting the rules governing and organizing performance, especially in managing human resources within business organizations or dealing with external parties. (ECO NARS: 3.7)

5. General and Transferable Skills

In addition to the General and Transferable Skills acquired by **commerce faculties** graduates, the graduates of **Economics** program should be able to:

- | | |
|-------|--|
| 4.16. | Apply information technology and utilize development of economic information systems to increase efficiency degrees in practical applications. (ECO NARS: 5.1) |
|-------|--|

Appendix (B)

Economics ARS Vs General NARS of commerce and NARS of Economics Matrix

Faculty of Management,
Economics and Business Technology
كلية الإدارة والاقتصاد وتكنولوجيا الأعمال

ARS Vs NARS Matrix

General attributes of graduate			knowledge and understanding			Intellectual skills			practical and professional			general and transferable skills		
ARS	Commerce NARS	Economics NARS	ARS	Commerce NARS	Economics NARS	ARS	Commerce NARS	Economics NARS	ARS	Commerce NARS	Economics NARS	ARS	Commerce NARS	Economics NARS
1.1	1.1	1.1	2.1	2.1		3.1	4.1	4.1	4.1	3.1		5.1	5.1	5.2
1.2	1.2		2.2	2.2		3.2	4.2		4.2	3.2		5.2	5.2	
1.3	1.3		2.3	2.3		3.3	4.3		4.3	3.3	3.2b	5.3	5.3	5.5
1.4	1.4		2.4	2.4	2.1	3.4	4.4		4.4	3.4		5.4	5.4	
1.5	1.5		2.5	2.5		3.5	4.5		4.5	3.5	3.1a	5.5	5.5	
1.6	1.6		2.6	2.6	2.5	3.6	4.6	4.5	4.6	3.6	3.2	5.6	5.6	5.4
1.7	1.7		2.7	2.7		3.7		4.2	4.7	3.7		5.7	5.7	5.3
1.8	1.8		2.8	2.8		3.8		4.3	4.8	3.8		5.8	5.8	
1.9		1.2	2.9		2.2	3.9		4.4	4.9	3.9		5.9	5.9	
1.10		1.3	2.10		2.3				4.10	3.10		5.10	5.1	
1.11		1.4	2.11		2.4				4.11		3.3	5.11		5.1
1.12		1.5	2.12		2.6				4.12		3.4			
1.13		1.6							4.13		3.5			
1.14		1.7							4.14		3.6			
									4.15		3.7			

Appendix (C)

Faculty Mission

Vs

Program Mission

Faculty of Management,
Economics and Business Technology
كلية الإدارة والاقتصاد وتكنولوجيا الأعمال

Mission Analysis	Faculty Mission	Economics Program Mission	Elements of Consistency
Educational Aspect	provide distinguished educational programs	to prepare distinguished graduate who has professional	Excellence in the Educational Process
Regional Aspect	capable of competing in the local and regional	that are suitable for local and regional labor markets	keeping pace with local and regional requirements
Research Aspect	support and develop scientific research	be able to contribute efficiently in scientific research	Effective Participation in Developing Scientific Research
community Aspect	and community services to contribute in building a knowledge-based society and sustainability	and effectively deals with societal issues and achieve sustainable development goals and inclusive growth.	distinguished Community participation, Service Activities and Sustainability
Ethical Aspect	within the framework of ethical values and professional responsibility	and ethical skills	Awareness of Ethics and Commitment

Appendix (D)

Aims Vs Attributes

Matrix

Faculty of Management,
Economics and Business Technology
كلية الإدارة والاقتصاد وتكنولوجيا الأعمال

Economics Program Aims	Graduate attributes													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
A.1	√													
A.2		√												
A.3		√												
A.4		√												
A.5			√											
A.6				√										
A.7					√									
A.8						√								
A.9							√							
A.10								√						
A.11									√					
A.12									√					
A.13										√				
A.14											√			
A.15												√		
A.16													√	
A.17														√

Appendix (E)

Program ILOs

Vs

ARS ILOs

Matrix

1- Knowledge, understanding and intellectual skills:

Program ILO		KNOWLEDGE AND UNDERSTANDING												INTELLECTUAL SKILLS								
	NO.	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.10	2.11	2.12	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
KNOWLEDGE AND UNDERSTANDING	K1																					
	K2																					
	K3																					
	K4																					
	K5																					
	K6																					
	K7																					
	K8																					
	K9																					
	K10																					
	K11																					
	K12																					
INTELLECTUAL SKILLS	I1																					
	I2																					
	I3																					
	I4																					
	I5																					
	I6																					
	I7																					
	I8																					
	I9																					

2- Practical, Professional:

Program ILO	NO.	Professional and practical														
		4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.10	4.11	4.12	4.13	4.14	4.15
Professional and practical	P1															
	P2															
	P3															
	P4															
	P5															
	P6															
	P7															
	P8															
	P9															
	P10															
	P11															
	P12															
	P13															
	P14															
	P15															

3- General and Transferable:

Program ILO	NO.	General & transferable skills										
		5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.10	5.11
General & transferable skills	G1											
	G2											
	G3											
	G4											
	G5											
	G6											
	G7											
	G8											
	G9											
	G10											
	G11											

Appendix (F)

Program Aims

Vs

Program ILOs

Matrix

1- Knowledge and Intellectual:

NO.	KNOWLEDGE AND UNDERSTANDING												INTELLECTUAL SKILLS								
	K1	K2	K3	K4	K5	K6	K7	K8	K9	K10	K11	K12	I1	I2	I3	I4	I5	I6	I7	I8	I9
A1.			✓			✓			✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
A2.			✓							✓	✓	✓		✓	✓	✓	✓				✓
A3.		✓					✓			✓	✓	✓			✓		✓	✓	✓	✓	✓
A4.		✓						✓			✓						✓			✓	✓
A5.									✓											✓	✓
A6.			✓						✓	✓	✓	✓			✓		✓		✓	✓	✓
A7.			✓			✓	✓			✓	✓	✓	✓	✓	✓		✓		✓	✓	✓
A8.			✓					✓							✓	✓	✓		✓	✓	✓
A9.	✓			✓	✓			✓		✓			✓			✓	✓	✓	✓	✓	
A10.			✓		✓							✓				✓		✓	✓	✓	
A11.	✓	✓		✓	✓		✓		✓	✓	✓					✓	✓		✓		✓
A12.					✓	✓	✓		✓	✓	✓						✓	✓	✓	✓	✓
A13.					✓				✓	✓	✓		✓						✓	✓	
A14.	✓		✓		✓	✓				✓	✓		✓	✓		✓	✓	✓	✓		
A15.			✓							✓		✓		✓					✓		
A16.			✓	✓					✓	✓	✓	✓			✓	✓			✓	✓	✓
A17.	✓	✓	✓		✓	✓				✓	✓				✓		✓	✓	✓	✓	✓

2- Practical and general:

NO.	PROFESSIONAL SKILLS															GENERAL AND TRANSFERABLE SKILLS										
	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11
A1.		✓	✓			✓		✓			✓		✓	✓		✓	✓	✓		✓	✓	✓				
A2.				✓		✓					✓		✓			✓		✓		✓	✓	✓				✓
A3.				✓						✓	✓	✓					✓			✓	✓		✓			
A4.							✓								✓		✓			✓	✓		✓	✓		
A5.	✓	✓								✓	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	
A6.										✓	✓		✓	✓	✓	✓				✓	✓	✓	✓			
A7.		✓				✓			✓	✓	✓		✓	✓	✓				✓	✓		✓	✓			✓
A8.	✓	✓	✓	✓							✓	✓	✓		✓		✓		✓	✓	✓	✓				
A9.	✓	✓		✓	✓		✓	✓		✓	✓		✓		✓	✓	✓	✓					✓			
A10.		✓	✓	✓	✓				✓										✓				✓	✓		✓
A11.		✓	✓	✓			✓	✓		✓	✓		✓						✓		✓	✓		✓		✓
A12.		✓	✓	✓			✓	✓			✓		✓		✓		✓	✓	✓			✓		✓	✓	
A13.		✓		✓					✓				✓	✓		✓		✓								
A14.		✓		✓	✓		✓	✓		✓	✓		✓		✓	✓		✓	✓		✓	✓	✓	✓	✓	
A15.					✓	✓	✓		✓				✓		✓				✓	✓		✓		✓	✓	✓
A16.		✓		✓						✓	✓	✓	✓	✓		✓				✓			✓	✓	✓	✓
A17.	✓	✓	✓				✓	✓	✓	✓	✓		✓	✓	✓		✓		✓		✓		✓			

Appendix (G)

Program Courses

Vs

Program ILOs

Matrix

Level 1:

a. Knowledge and intellectual:

No.	Course Cod	Course Name	KNOWLEDGE AND UNDERSTANDING												INTELLECTUAL SKILLS								
			1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10	1.11	1.12	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
	level (1)																						
	(1st semester)																						
1	ECO 101	Introduction to Microeconomics			√	√			√					√	√	√						√	√
2	MTH 101	Introduction to Mathematiaics for economics and business					√		√									√		√			
3	ACC 101	Financial accounting 1	√	√			√										√						
4	MGT 101	Introduction to Management	√	√		√				√				√		√	√			√			√
5	POL 101	Principles of political science												√	√	√	√	√					
6	HM 003	English language 1	√		√											√							
	(2nd semester)																						
1	ECO 102	Introduction to Macroeconomics			√	√			√					√	√	√						√	√
2	MTH 102	Financial Mathematics					√									√	√		√		√		
3	ACC 102	Financial Accounting 2					√										√			√			
4	MGT102	Introduction to marketing	√	√		√								√		√	√		√	√			
5	IST 101	Information system/technology 1		√	√		√	√									√		√	√	√		
6	HM 004	English language 2	√		√											√							

b. Practical and general:

No.	Course Cod	Course Name	Professional and practical															General &transferable skills										
			3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.10	3.11	3.12	3.13	3.14	3.15	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.10	4.11
		level (1)																										
		(1st semester)																										
1	ECO 101	Introduction to Microeconomics		√			√			√				√			√	√	√	√	√					√	√	√
2	MTH 101	Introduction to Mathemataics for economics and business								√										√	√	√			√			
3	ACC 101	Financial accounting 1	√							√									√	√	√			√			√	
4	MGT 101	Introduction to Management	√	√	√				√				√	√					√	√	√	√	√	√	√	√		
5	POL 101	Principles of political science																		√	√	√	√	√	√		√	
6	HM 003	English language 1				√													√	√	√	√		√			√	
		(2nd semester)																										
1	ECO 102	Introduction to Macroeconomics			√			√			√				√			√	√	√	√		√			√	√	√
2	MTH 102	Financial Mathematics									√	√							√			√	√					
3	ACC 102	Financial Accounting 2				√					√			√	√				√	√	√			√	√			√
4	MGT102	Introduction to marketing			√					√					√				√	√	√	√	√	√	√			
5	IST 101	Information system/technology 1	√			√	√			√		√		√			√			√	√	√	√	√		√	√	
6	HM 004	English language 2				√												√	√	√	√	√		√			√	

Level 2:

a. Knowledge and intellectual:

No.	Course Cod	Course Name	KNOWLEDGE AND UNDERSTANDING												INTELLECTUAL SKILLS								
			1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10	1.11	1.12	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
	level 2																						
	(1st semester)																						
1	ECO 203	Money and banking			√	√			√				√	√	√						√	√	
2	MGT 203	Introduction to human resource management	√	√								√			√	√	√						
3	ACC 203	Intermediate accounting 1			√	√	√								√			√		√			
4	POL 202	Principles of public policy	√	√		√			√					√		√	√	√	√	√		√	√
5	HM 006	Human rights and anti-corruption			√	√			√	√					√	√	√		√			√	√
6	IST 202	Information system/technology 2			√		√	√							√	√		√	√	√		√	
7	HM 001	Russian language 1														√							
	(2nd semester)																						
1	ECO 204	International Economics			√	√						√						√		√			
2	FIN 201	Principles of Finance and investment					√												√				
3	ACC 204	Intermediate accounting 2	√			√										√					√		
4	POL 203	Principles of International relations												√	√	√	√	√					
5	HM 005	scientific thinking		√	√			√	√						√	√	√		√			√	√
6	STA 201	Introduction to statistics					√	√							√	√		√		√			
7	HM 002	Russian language 2														√							

b. Practical and general:

No.	Course Cod	Course Name	Professional and practical															General & transferable skills										
			3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.10	3.11	3.12	3.13	3.14	3.15	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.10	4.11
	level 2																											
	(1st semester)																											
1	ECO 203	Money and banking		√			√			√				√			√	√	√	√	√	√	√	√	√	√	√	
2	MGT 203	Introduction to human resource management	√															√	√	√	√	√	√	√	√	√	√	
3	ACC 203	Intermediate accounting 1	√			√				√				√					√	√	√	√	√	√	√	√	√	
4	POL 202	Principles of public policy			√									√				√	√	√	√	√	√	√	√	√	√	
5	HM 006	Human rights and anti-corruption			√			√			√			√					√	√	√	√	√		√	√	√	
6	IST 202	Information system/technology 2		√	√	√			√			√		√					√	√	√	√	√		√		√	
7	HM 001	Russian language 1			√														√									
	(2nd semester)																											
1	ECO 204	International Economics												√	√	√				√	√	√	√	√			√	
2	FIN 201	Principles of Finance and investment							√			√					√	√	√	√	√	√	√					
3	ACC 204	Intermediate accounting 2			√					√				√						√			√		√	√		
4	POL 203	Principles of International relations																	√	√	√	√	√	√	√	√		
5	HM 005	scientific thinking			√	√		√	√					√		√			√	√	√	√	√	√	√	√	√	
6	STA 201	Introduction to statistics		√		√		√		√	√			√		√			√	√	√	√	√	√	√	√	√	
7	HM 002	Russian language 2			√														√									

Level 3:

a. Knowledge and intellectual:

No.	Course Cod	Course Name	KNOWLEDGE AND UNDERSTANDING												INTELLECTUAL SKILLS								
			1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10	1.11	1.12	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
	level 3																						
	(1st semester)																						
1	ECO 305	Economics of public finance										√	√				√	√					
2	MGT 304	Organizational Behaviour	√	√		√								√		√	√		√	√			
3	MGT 305	Entrepreneurship & small Business management	√		√									√	√	√			√				√
4	STA 302	Applied Statistics					√	√							√			√					
5	ECO 306	Microeconomics theory										√	√				√	√					
6	ECO 307	Mathematical economics					√	√										√					
	(2nd semester)																						
1	ECO 308	Development Economics					√	√											√				
2	LAW 301	Business Law	√	√	√				√	√	√				√	√		√	√			√	√
3	ECO 309	Macroeconomics theory			√		√	√			√	√	√	√	√	√		√	√	√	√		
4	ECO 310	Econometrics 1					√	√			√	√	√			√		√		√	√		
5	ECO 311	Labor economics	√	√		√				√	√	√		√		√	√	√		√		√	√
6	elective (1 course)																						
	ECO 312	Financial Economics					√	√								√			√		√	√	
	ECO 313	Energy Economics	√		√						√		√		√			√		√	√	√	√
	ACC 305	Cost Accounting 1	√	√		√			√		√							√	√	√	√		

b. Practical and general:

No.	Course Cod	Course Name	Professional and practical															General &transferable skills										
			3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.10	3.11	3.12	3.13	3.14	3.15	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.10	4.11
		level 3																										
		(1st semester)																										
1	ECO 305	Economics of public finance						√		√				√	√						√	√						
2	MGT 304	Organizational Behaviour		√					√				√				√	√	√	√	√	√	√	√				
3	MGT 305	Entrepreneurship & small Business management	√	√	√				√			√					√	√	√	√	√	√	√	√	√		√	
4	STA 302	Applied Statistics		√		√							√		√			√	√	√								
5	ECO 306	Microeconomics theory						√		√				√	√						√	√						
6	ECO 307	Mathematical economics											√				√				√							
		(2nd semester)																										
1	ECO 308	Development Economics											√				√				√							
2	LAW 301	Business Law	√	√	√				√				√				√	√	√	√	√	√	√	√		√	√	√
3	ECO 309	Macroeconomics theory			√	√		√			√	√			√						√	√	√		√			
4	ECO 310	Econometrics 1				√		√			√		√	√	√	√		√	√	√	√	√					√	
5	ECO 311	Labor economics	√	√			√	√		√				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
6	elective (1 course)																											
	ECO 312	Financial Economics						√		√			√					√			√	√						
	ECO 313	Energy Economics	√				√	√	√	√			√				√		√	√	√	√	√	√		√	√	
	ACC 305	Cost Accounting 1		√	√	√				√			√	√					√		√		√	√			√	

Level 4:

a. Knowledge and intellectual:

No.	Course Cod	Course Name	KNOWLEDGE AND UNDERSTANDING												INTELLECTUAL SKILLS								
			1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10	1.11	1.12	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
	level4																						
	(1st semester)																						
1	HM 009	Scientific Research Methodology					√								√	√							
2	ECO 414	Econometrics for Time series			√		√	√			√	√	√	√	√	√		√	√	√	√		
3	ECO 415	International monetary and financial system		√					√				√	√	√			√				√	√
4	MGT 417	Business feasibility study							√														
5	ECO 416	Economic policy and analysis			√	√					√	√	√	√			√		√		√		
6	elective (1 course)																						
	ECO 417	Economics of Egypt and Africa									√	√					√	√	√	√			
	ECO 418	Health economics					√		√	√							√			√			√
	MGT 416	Strategic Management	√	√				√	√		√	√		√	√	√	√		√	√		√	√
	(2nd semester)																						
1	ECO 419	History of economic thoughts					√		√	√							√			√			√
2	ECO 420	Industrial economics	√		√						√				√			√					
3	ECO 421	Contemporary economic issues			√	√					√	√	√	√	√		√	√					√
4	ECO 422	Graduation project			√		√	√			√	√	√	√	√	√	√	√	√	√	√		√
5	elective (1 course)																						
	ECO 423	Welfare economics			√	√			√				√	√	√							√	√
	ECO 424	Business Data forecasting	√					√	√	√			√			√	√	√			√	√	√
	ECO 425	Information Economics			√				√				√					√				√	√

Practical and general:

No.	Course Cod	Course Name	Professional and practical															General &transferable skills										
			3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.10	3.11	3.12	3.13	3.14	3.15	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.10	4.11
		level4																										
		(1st semester)																										
1	HM 009	Scientific Research Methodology					√								√			√	√			√				√		
2	ECO 414	Econometrics for Time series			√	√		√		√	√			√						√	√	√		√				
3	ECO 415	International monetary and financial system	√				√						√					√	√	√		√	√			√	√	
4	MGT 417	Business feasibility study																										
5	ECO 416	Economic policy and analysis					√						√	√	√						√			√	√			
6	elective (1 course)																											
	ECO 417	Economics of Egypt and Africa			√								√	√	√			√			√					√		
	ECO 418	Health economics	√			√								√	√	√	√	√	√				√	√	√	√		
	MGT 416	Startegic Management	√	√	√	√					√			√			√	√	√	√	√	√	√	√	√	√	√	
		(2nd semester)																										
1	ECO 419	History of economic thoughts	√			√									√	√	√	√	√				√	√	√			
2	ECO 420	Industrial economics	√				√	√	√									√	√	√	√							
3	ECO 421	Contemporary economic issues					√					√		√	√					√	√				√			
4	ECO 422	Graduation project			√	√					√			√	√	√	√			√	√	√			√		√	
5	elective (1 course)																											
	ECO 423	Welfare economics		√			√			√			√			√	√	√	√	√	√				√	√	√	√
	ECO 424	Business Data forecasting				√	√	√					√			√	√	√	√	√	√	√	√	√	√	√	√	
	ECO 425	Information Economics			√									√	√						√				√			