



Course Specification

— (Postgraduate)

Course Title: Economics of planning and development
Course Code: AGECE 503 (Master)
Program: Agricultural economics
Department: Agricultural Economics
College: College of Food and Agricultural Sciences
Institution: King Saud University
Version: Course Specification Version Number
Last Revision Date: : 25 January 2026



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A. General information about the course:

1. Course Identification:

1. Credit hours: (.....)

2. Course type

A. University College Department Track

B. Required Elective

3. Level/year at which this course is offered: (.....)

4. Course general Description:

This course provides an introduction to economic planning and its methodologies, including measures of economic growth and development. It covers how to determine the investments required for development plans and how to mobilize resources to achieve these goals. The course also addresses the estimation of the agricultural sector's contribution and the role of resource capacities such as land, labor, capital, and water in the gross domestic product. Additionally, it examines the financing needs necessary to achieve self-sufficiency and food security for key strategic commodities, as well as the balanced and sustainable development of various productive regions. The course further explores how the Green Middle East Initiative impacts sustainable development, and concludes with an introduction to the future strategy for Saudi agriculture

5. Pre-requirements for this course (if any):

6. Pre-requirements for this course (if any):

7. Course Main Objective(s):

- Introducing the methods of economic planning.
- Measuring indicators of growth and economic development.
- Estimating the investments, financing needs necessary for development plans, and achieving development goals.

2. Teaching Mode: (mark all that apply)



No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	32	100
2	E-learning		
3	Hybrid <ul style="list-style-type: none"> • Traditional classroom • E-learning 		
4	Distance learning		

3. Contact Hours: (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	32
2.	Laboratory/Studio	
3.	Field	
4.	Tutorial	
5.	Others (specify).....	4
	Total	36

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods:

Code	Course Learning Outcomes	Code of PLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Introducing the types and methods of economic planning, and studying economic and sustainable growth and development.	K1	Lectures homework	Exams
1.2	Determining the necessary investments for development plans and the financing needs necessary to achieve self-sufficiency and food security.	K2	Lectures homework	Exams
...				
2.0	Skills			



Code	Course Learning Outcomes	Code of PLOs aligned with program	Teaching Strategies	Assessment Methods
2.1	Calculating indicators of growth and economic development	S1	Lectures homework	Exams
2.2	Measuring indicators of the economic, social and environmental dimensions of sustainable development	S2	Applications	Report
2.3	Studying the impact of the			
3.0	Values, autonomy, and responsibility			
3.1				
3.2				
...				

C. Course Content:

No	List of Topics	Contact Hours
1.	Economic planning and its types	2
2.	Economic planning methods	4
3---	Economic growth and development	4
4	Determining the investments needed for development plans	4
5	Estimating the contribution of the agricultural sector and resource capabilities to the gross domestic product	4
6	Estimating the financing needs necessary to achieve self-sufficiency and food security	4
7	Balanced and sustainable development	4
8	The impact of the Green Middle East Initiative on sustainable development	4
9	National strategy for Saudi agriculture	2
Total		32

D. Students Assessment Activities:

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	First semester exam	4 th	20





No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
2.	Second semester exam	4 th	20
3.	Report on price analysis during development plans	weekly	20
4	final exam	End Semester	40

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.)

E. Learning Resources and Facilities:

1. References and Learning Resources:

Essential References	<p>1- Ajamiya, Muhammad Abdel Aziz and Al-Laithi, Muhammad Ali. Economic Development, University House, Alexandria, 2004.</p> <p>2- Al-Dakhil, Abdul Aziz Muhammad. Economic development in the Kingdom of Saudi Arabia, a critical reading, 2011.</p> <p>3- Imathal Abdullah Al-Thumairy (2018). Development Planning and Economic Models, Department of Economics, King Saud University, Jarir Library.</p>
Supportive References	Other educational materials such as computer programs, software, and CD Excel
Electronic Materials	
Other Learning Materials	

2. Educational and Research Facilities and Equipment Required:

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	Lecture hall (20students)
Technology equipment (Projector, smart board, software)	
Other equipment (Depending on the nature of the specialty)	

F. Assessment of Course Quality:

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching		
Effectiveness of students assessment		
Quality of learning resources		



Assessment Areas/Issues	Assessor	Assessment Methods
The extent to which CLOs have been achieved		
Other		

Assessor (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

Assessment Methods (Direct, Indirect)

G. Specification Approval Data:

COUNCIL /COMMITTEE	
REFERENCE NO.	
DATE	

