



**Ministry of Higher Education and Scientific Research
Scientific Supervision and Evaluation Authority
Quality Assurance and Academic Accreditation Department
Accreditation Department**

Academic Program and Course Description

2025-2026

Introduction:

The educational program is a coordinated and structured package of courses that include procedures and experiences that are organized in the form of a vocabulary of study whose main purpose is to build and refine the skills of graduates to make them qualified to meet the requirements of the labor market, which is reviewed and evaluated annually through internal or external audit procedures and programs such as the external examiner program.

The description of the academic program provides a brief summary of the main features of the program and its courses, indicating the skills that are being worked on to acquire students based on the objectives of the academic program, and the importance of this description is evident because it represents the cornerstone of obtaining program accreditation and is co-written by the teaching staff under the supervision of the scientific committees in the scientific departments.

This manual, in its second edition, includes a description of the academic program after updating the vocabulary and paragraphs of the previous guide in light of the developments and developments of the educational system in Iraq, which included the description of the academic program in its traditional form (annual, quarterly), as well as the adoption of the description of the academic program circulated under the letter of the Department of Studies TE3/2906 on 3/10/2024 regarding the programs that adopt the Bologna track as the basis for their work.

In this regard, we can only stress the importance of writing descriptions of academic programs and courses to ensure the smooth functioning of the educational process.

Concepts and Terms:

Academic Program Description: The academic program description provides a brief summary of its vision, mission, and goals, including an accurate description of the targeted learning outcomes according to specific learning strategies.

Course Description: It provides a concise summary of the most important characteristics of the course and the learning outcomes expected of the student to achieve and demonstrate whether they have made the most of the available learning opportunities. It is derived from the program description.

Program Vision: An ambitious vision of the future of the academic program to be a cutting-edge, inspiring, stimulating, realistic and viable program.

Program Mission: Briefly outlines the goals and activities needed to achieve them and outlines the program's development paths and directions.

Program Objectives: These are phrases that describe what the academic program intends to achieve over a specific period of time and are measurable and observable.

Curriculum Structure: All courses/subjects included in the academic program according to the approved learning system (semester, yearly, Bologna track), whether they are a requirement (ministry, university, college and scientific department) with the number of study units.

Learning Outcomes: A consistent set of knowledge, skills, and values that the student has acquired after the successful completion of the academic program and must define the learning outcomes of each course in a way that achieves the goals of the program.

Teaching and Learning Strategies: These are the strategies used by the faculty member to develop the student's teaching and learning, and they are plans that are followed to reach the learning goals. That is, describe all classroom and extra-curricular activities to achieve the learning outcomes of the program.

Academic Program Description Form

University Name: Muthanna University

College/Institute: College of Education for Humanities

Scientific Department: Geography Department

**Name of the Academic or Professional Program: The Teaching
Curricula in the Department of Geography and its Expected
Outcomes**

Final Certificate Name: Bachelor of Geography

Curriculum: Annual

Description preparation date: 1/9/2025

File Filling Date : 1/9/2025

Signature :

**Scientific Associate Name:
Prof. Dr. Latif Kamel Kaliwi**

Signature :

**Head of Department: Prof.
Yahya Abdel Hassan Falih**

Date : 1/9/2025

Check the file before

Division of Quality Assurance and University Performance

**Name of Director of the Division of Quality Assurance and University
Performance: Eng. Dr. Ali Hussein Enshinch**

Date : 1/9/2025

Signature

the Dean

10/9/2025

1. Program Vision

The Department of Geography relies on its vision to raise the academic and research level in all geographical disciplines to keep pace with scientific progress and the requirements of society and to reach a local and regional leading position through which it aspires to excellence and enrich knowledge through sober scientific research in addition to effective teaching.

This vision is based on:

- 1– Education is a rapidly evolving profession both professionally and technically.
- 2– Recognizing the change in the role of the teacher from a transmitter and indoctrinator to a learning path, a manager of the educational process and a planner, and a factor in developing creativity, self-learning, and teamwork.
- 3– Preparing the teacher with quality and excellence, because it is the basis for the success of the learning and teaching process.

2. Program Mission

The Department of Geography at the College of Education is responsible for preparing a generation that is academically and culturally empowered, integrated into society, and linked to the Arab and Islamic intellectual heritage, by working to prepare teachers and researchers who take upon themselves the advancement of the scientific reality in Iraq, by finding solid means and programs to study geography in its natural and human aspects through the adoption of modern scientific and cognitive techniques, and developing cognitive and behavioral skills within the framework of it, by building perceptions and taking measures to prepare educational cadres and develop education at all levels in cooperation with the university's faculties and relevant ministries.

3. Program Objectives

General Objectives of the Department of Geography

- 1– Benefiting from the science of geography in developing the skills of free thinking based on the study and analysis of various geographical phenomena and their restructuring in students in order to reach a geographical understanding that is commensurate with the nature and goal of the specialization.
- 2– Developing the ability to critique ideas, opinions, and geographical theories in order to reach a state of sober scientific innovation.
- 3– Familiarity with international geographical schools in a way that gives the student a clear understanding and understanding of the process of geography and its development.
- 4– Giving the student the ability to perceive and understand the message of man on earth and the purpose of his existence represented in the worship of God and the reconstruction of the earth to realize the messages of heaven to man throughout the ages.
- 5– Providing the student with the skills and mechanisms of geographical scientific research in order to make him proficient in the science in which he is specializing, and the consequent ability to understand and perceive the present and try to foresee the future.

First: Knowledge Objectives:

- 1– Identifying the characteristics of the African continent and the Nile Basin
- 2– Identify the historical background of the discovery of the continent, and analyze the structural and topography situation
- 3– Identifying the breeding and population situation and determining the continent's climates and vegetation cover.

- 4- Introducing and discovering the continent of Australia and studying the natural characteristics, geological structure and topographic surface features of the continent
- 5- Interest in studies involving the shapes and principles of the Earth's surface.
- 6- Distinguish between worker and process
- 7- Developing the student's abilities in studying geomorphic shapes
- 8- Determining the pattern of extension, direction and distribution of the ground shape on the surface of the earth using remote sensing means.
- 9- Knowledge of the main processes that produce landforms in the world and Iraq
- 10- Rooting Educational Thought: Understanding the historical, philosophical, and psychological roots of the educational process, and linking them to contemporary reality.
- 11- • Building Educational Identity: Consolidating the ethical and professional values that the educator must have in dealing with the student and the community
- 12- Enable students to discuss and represent phenomena on a map
- 13- Enable students to know the basic principles of map elements in detail
- 14- Enabling students to know how to produce a geographical map
- 15- – Contributing to the reading and representation of phenomena, extracting measurements and directing the map
- 16- Enabling students to extract geographical coordinates
- 17- – Recognition of subordinates, affection, and affirmation
- 18- Master the use of adjectives, allowances, and adverbs
- 19- Discrimination is the house of words that are forbidden from conjugation
- 20- Analysis of prose and poetic texts

- 21– Make students familiar with the subjects of this specialization and hydrology in particular.
- 22– Knowledge of the problems surrounding water resources and ways to address them
- 23– Students urged to be inspired by the importance of water resources as natural resources to be preserved
- 24– Knowing the economic returns that water resources add to the country
- 25– Introduction to population concepts and the philosophical backgrounds of each of them, and the principles of demography
- 26– To provide the student with experience in the analysis and interpretation of demographic geographical phenomena
- 27– Paying attention to population problems related to growth and migration.
- 28– Identify the demographic characteristics and socio-economic composition of the population.
- 29– The student should recall the basic concepts of the operating system, computer structure and its applications
- 30– The student must specify the advanced functions and software features of the MS Office application package.
- 31– The student should explain the mechanisms of working of artificial intelligence (AI) models and its applications in the academic and professional environment.
- 32– The student should analyze the professional ethics and limitations related to the use of technology and artificial intelligence in the community
- 33– Knowledge of basic English grammar.
- 34– Understand vocabulary and linguistic structures.
- 35– Applying language skills in reading and writing

- 36– Understanding The student should understand the concept of climate applied to the various human activities of agriculture, industry, transportation, etc.
- 37– Remembering the basic principles of applied climate
- 38– The student should know the general foundations of the geography of tourism
- 39– The student should understand how to interact between geographical phenomena and the tourist phenomenon
- 40– The student must be able to plan tourism in the geographical region
- 41– The student should know the components and obstacles in tourism geography
- 42– Knowledge of the branches of applied climate, climatic analysis methods and measurement methods
- 43– The student should know the general foundations of regional geography
- 44– The student should understand how geographical phenomena interact within the framework of the place
- 45– The student should know the distribution of geographical phenomena in the continents of North and South America.
- 46– Understand what natural resources are, classify, origin and geographical distribution
- 47– Understanding the Spatial Distribution and Spatial Variation of Natural Resources in the Earth
- 48– Knowledge of the methods of valuation, optimal investment, inventory and evaluation of natural resources
- 49– Understanding the relationship between resources and development and being aware of the problems they face
- 50– The student should be able to solve statistical equations and answer theoretical questions related to statistics

- 51– – Explain the relationship between the elements of the environment and agricultural activity.
- 52– Explain the difference in cultivation patterns between different regions.
- 53– Distinguish between the types of agricultural crops and the characteristics of each of them.
- 54– Familiarize yourself with the electronic calculator.
- 55– Knowing the psychological state of students and how to deal with them in solving their problems

Second: Skill Objectives:

- 1– Use the map to identify natural and human geographical locations and phenomena
- 2– Map showing African States and administrative units in Australia
- 3– The ability to critique and analyze educational policies based on the social and cultural foundations of society.
- 4– Linking theory and practice: Preparing a graduate who is not satisfied with the cognitive aspect, but also possesses a philosophical vision that guides his teaching practices in the classroom
- 5– The student is able to be familiar with the most important cadastral and technical principles
- 6– Preparing qualified researchers in the field of geographical mapping
- 7– Contribute to addressing the problems facing students in the representation of geographical phenomena
- 8– – Developing the student's ability to analyze logically and deduce.
- 9– The student's ability to analyze behavior, remember, and forget.
- 10– The student's ability to make reports on research methods in developmental psychology.
- 11– Expand the student's ability to understand the stages and manifestations of growth

- 12- Ability to express course topics
- 13- Using Course-Specific Semantics in the Speech
- 14- Correcting linguistic errors regarding study topics
- 15- Maintenance of linguistic dictation
- 16- Keeping pace with the scientific progress reached by countries in line with water resources
- 17- Harnessing all material and moral capabilities in order to raise the scientific efficiency of students through seminars, trips, and university outputs.
- 18- Interest in related research and studies
- 19- Mapping and Employing Maps in the Study of Population Phenomena
- 20- Distribution of density areas on the map
- 21- Knowledge of Diagrams
- 22- Using Mathematical Equations in Population Data Analysis
- 23- The student must apply the skills of text formatting, reporting, and professional academic dissertations using MS Word.
- 24- The student should use mathematical and logical functions and graphical analysis tools to process data using MS Excel.
- 25- The student should design professional interactive and visual presentations using MS PowerPoint.
- 26- The student should employ "Prompt Engineering" techniques to interact effectively with AI tools in research and task accomplishment.
- 27- Use English in everyday communication.
- 28- Write correct sentences and texts in English.
- 29- Develop reading, listening, and comprehension skills.
- 30- Handy skills by learning about drought equations, hydroclimatic balance, heat and humidity guide, and wind cooling guide

- 31- Technical skills through the use of instrumentation in field monitoring devices Heat humidity wind evaporation
- 32- Skills to highlight the importance of the applied climate in human life.
- 33- The student should be able to distribute tourist sites on geographical maps
- 34- To draw a map of Iraq distributed among the tourist sites and regions
- 35- The student should be able to distribute geographical phenomena in the two American continents.
- 36- To draw a map of the continents of North and South America, distributed among the countries
- 37- Survey and Spatial Assessment Skills through Satellite Programs and Visualizations
- 38- Skills of economic and statistical analysis of data and the use of mathematical models
- 39- Planning skills, sustainable development and knowledge of the feasibility of investing natural resources
- 40- Deductive thinking skills, problem-solving, and knowledge of ways to maintain resources
- 41- The student should apply geographical concepts in the analysis of agricultural activities.
- 42- Draw and read agricultural maps.
- 43- Compare farming patterns in different regions.
- 44- To complete short reports or research on agricultural topics
- 45- To provide students with scientific and intellectual skills and abilities that enable them to deal with geographical information.
- 46- Developing their cartographic reading and analysis abilities
- 47- Developing their abilities in the use of learning aids
- 48- Enhancing the skill of research, investigation and field research.

49- Analyzing Political Phenomena in the Light of Geographical Components

50- Writing a geopolitical research in an academic style for specific problems

51- Reading and Analyzing Maps in the Study of International Relations

Third: Emotional and Values Goals:

- 1- Promoting the values of respect for cultural diversity in the African and Australian society and a sense of importance over resources and wealth, instilling a love of Arabic in the student by encouraging him to read Arabic morphology.
- 2- The learner should appreciate the importance of the teaching profession and its role in building society, and have a positive attitude towards educational work.
- 3- Enabling students to identify the geographical map, its elements, and methods of designing and representing it.
- 4- Enabling students to learn about taking measurements from maps, representing phenomena and reading the map
- 5- Enabling students to identify the basic theoretical and practical stages of drawing and producing a map
- 6- Love of language and interaction with it, then the means of practical life in the future labor market
- 7- Cooperation between all parties to achieve common goals.
- 8- Behavioral Evaluation in the Relations between the Parties to the Educational Process.
- 9- Develop students' behavior with respect for their points of view.
- 10- Appreciating the efforts of authors and researchers to deliver the material in its current form
- 11- Urging and guiding students to realize that water resources are natural resources for the country and must be preserved

- 12- Directing students' attention to pay attention to water resources and increasing their efficiency through their versatility
- 13- Increasing students' knowledge of the demographic structure and its impact on consolidating national identity and belonging.
- 14- The student should adopt the principles of academic integrity when using AI tools (avoiding plagiarism and documenting sources).
- 15- The student should develop a positive attitude towards continuous self-learning to keep pace with the rapid technological developments.
- 16- Self-awareness and impulse control Self-motivation and social skills
- 17- Promoting a sense of national and social responsibility
- 18- The student should know the ability of God Almighty in creating nature
- 19- The student should feel the importance of belonging to the place and preserving the tourist sites
- 20- The student should understand the role of tourism in achieving Iraqi social integration through the connection of places
- 21- Developing awareness of national responsibility to conserve and optimize the use of natural resources
- 22- Promoting the principle of geographical justice for deprived areas, their development and rejecting domination over them
- 23- Developing pride in the country's geographical identity and deepening the love of attachment to the country's land and resources
- 24- Consolidating the principle of sustainability of natural resources and pride in wealth
- 25- After completing the course, make the student believe in the greatness of the Creator in his creation and teaching him what he does not know
- 26- To appreciate the importance of agriculture in human life and the economy
- 27- To be concerned with the conservation of natural resources.

- 28- Demonstrate awareness of environmental and agricultural problems.
- 29- It promotes a sense of responsibility towards sustainable agricultural development.
- 30- Promoting students' feelings of love for the global subject, and collaborating with others
- 31- Developing the student's interest in political issues with a geographical dimension
- 32- Developing a sense of responsibility towards the state and the Arab world
- 33- Consolidating the values of objectivity and scientific neutrality in the analysis of political issues

4. Program Accreditation

Units System

5. Other External Influences

Is there a sponsor of the program? Faculty of Education for Humanities

6. Program Structure

Notes*	Percentage	Study Unit	Number of Courses	Program Structure
		16	8	Enterprise Requirements
		24	12	College Requirements
		126	34	Department Requirements
				Summer Training

				Other
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* It is possible to include notes on whether the course is basic or elective.

7. Program Description					
Credit Hours		Course or course name	Course or course code	Year/Level	
practical	theoretical				
1	2	Climate Geography and its Applications	EG101	The first	
1	2	Geomorphology and its applications	EG102		
1	2	Cartographic Science and its Applications	EG103		
	2	Geography of Africa and Australia	EG104		
	1	Ancient History of Iraq	EG107		
	1	Arabic Language	EG108		
	2	Fundamentals of Education	EG109		
2		Computer	EG110		
	2	Educational Psychology and Development	EG111		
	1	English	EG112		
	1	Democracy and Human Rights	EG113		
	2	Population Geography	EG201		The second
1	1	Applied Climate	EG202		
1	1	Applied Ground Surface Shapes	EG203		
	2	Geography of Eurasia	EG204		
1	1	Thematic Maps	EG205		
	2	Geography of the countryside	EG206		
	2	Geography of Development and Planning	EG207		

	2	Hydrology	EG208		
	2	Geography of Oil and Energy	EG209		
1	1	Geographic Technologies	EG210		
	2	History of the Islamic Arab State	EG211		
	2	Developmental Psychology	EG212		
	1	English	EG213		
	2	Educational Administration	EG214		
	1	Baath Party Crimes	EG215		
	1	Arabic Language	EG216		
1	1	Computer Science	EG217		
	2	Geography of cities	EG301		The third
	2	Geography of Industry	EG302		
	2	Geography of Agriculture	EG303		
	2	Detailed Climate	EG304		
	2	Geography of the Americas	EG305		
	2	Geography of Tourism	EG306		
	2	Geography of Natural Resources	EG307		
	2	Soil Geography	EG308		
	2	Geographical Research Methods	EG309		
	2	Geographical Statistics	EG310		
	2	History of Iraq and the Modern and Contemporary Arab World	EG311		
	2	Teaching Curricula and Methods	EG312		
	2	Counseling and Mental Health	EG313		
	2	Geopolitics	EG401		

	2	Geography of Iraq	EG402	Fourth
	2	The geography of the Arab world	EG403	
	2	Geographical Thought	EG404	
	2	Geography of the Seas and Oceans	EG405	
	2	Geography of Transport and Trade	EG406	
	2	Geography of Services	EG407	
	2	Geography of the environment and pollution	EG408	
	2	Social Geography	EG409	
1	1	GIS	EG410	
	2	Measurement & Evaluation	EG411	
	2	View & App	EG412	
	2	Graduation Research	EG413	

8. Expected Learning Outcomes of the Program

Knowledge

Learning Outcomes
Statement 1

- 1– Identifying the characteristics of the African continent and the Nile Basin
- 2– Identify the historical background of the discovery of the continent, and analyze the structural and topography situation
- 3– Identifying the breeding and population situation and determining the continent's climates and vegetation cover.
- 4– Introducing and discovering the continent of Australia and studying the natural characteristics, geological structure and topographic surface features of the continent
- 5– Interest in studies involving the shapes and principles of the Earth's surface.

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| | <p>6– Distinguish between worker and process</p> <p>7– Developing the student's abilities in studying geomorphic shapes</p> <p>8– Determining the pattern of extension, direction and distribution of the ground shape on the surface of the earth using remote sensing means.</p> <p>9– Knowledge of the main processes that produce landforms in the world and Iraq</p> <p>10– Rooting Educational Thought: Understanding the historical, philosophical, and psychological roots of the educational process, and linking them to contemporary reality.</p> <p>11– • Building Educational Identity: Consolidating the ethical and professional values that the educator must have in dealing with the student and the community</p> <p>12– Enable students to discuss and represent phenomena on a map</p> <p>13– – Enable students to know the basic principles of map elements in detail</p> <p>14– Enabling students to know how to produce a geographical map</p> <p>15– – Contribute to the reading and representation of phenomena, extracting measurements and directing the map.</p> <p>16– Enabling students to extract geographical coordinates</p> <p>17– – Recognition of subordinates, affection, and affirmation</p> <p>18– Master the use of adjectives, allowances, and adverbs</p> <p>19– Discrimination is the house of words that are forbidden from conjugation</p> <p>20– Analysis of prose and poetic texts</p> <p>21– Make students familiar with the subjects of this specialization and hydrology in particular.</p> <p>22– Knowledge of the problems surrounding water resources and ways to address them</p> <p>23– Students urged to be inspired by the importance of water resources as natural resources to be preserved</p> |
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| | <p>24- Knowing the economic returns that water resources add to the country</p> <p>25- Introduction to population concepts and the philosophical backgrounds of each of them, and the principles of demography</p> <p>26- To provide the student with experience in the analysis and interpretation of demographic geographical phenomena</p> <p>27- Paying attention to population problems related to growth and migration.</p> <p>28- Identify the demographic characteristics and socio-economic composition of the population.</p> <p>29- The student should recall the basic concepts of the operating system, computer structure and its applications</p> <p>30- The student must specify the advanced functions and software features of the MS Office application package.</p> <p>31- The student should explain the mechanisms of working of artificial intelligence (AI) models and its applications in the academic and professional environment.</p> <p>32- The student should analyze the professional ethics and limitations related to the use of technology and artificial intelligence in the community</p> <p>33- Knowledge of basic English grammar.</p> <p>34- Understand vocabulary and linguistic structures.</p> <p>35- Applying language skills in reading and writing</p> <p>36- Understanding The student should understand the concept of climate applied to the various human activities of agriculture, industry, transportation, etc.</p> <p>37- Remembering the basic principles of applied climate</p> <p>38- The student should know the general foundations of the geography of tourism</p> <p>39- The student should understand how to interact between geographical phenomena and the tourist phenomenon</p> <p>40- The student must be able to plan tourism in the geographical region</p> |
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	<p>41– The student should know the components and obstacles in tourism geography</p> <p>42– Knowledge of the branches of applied climate, climatic analysis methods and measurement methods</p> <p>43– The student should know the general foundations of regional geography</p> <p>44– The student should understand how geographical phenomena interact within the framework of the place</p> <p>45– The student should know the distribution of geographical phenomena in the continents of North and South America.</p> <p>46– Understand what natural resources are, classify, origin and geographical distribution</p> <p>47– Understanding the Spatial Distribution and Spatial Variation of Natural Resources in the Earth</p> <p>48– Knowledge of the methods of valuation, optimal investment, inventory and evaluation of natural resources</p> <p>49– Understanding the relationship between resources and development and being aware of the problems they face</p> <p>50– The student should be able to solve statistical equations and answer theoretical questions related to statistics</p> <p>51– – Explain the relationship between the elements of the environment and agricultural activity.</p> <p>52– Explain the difference in cultivation patterns between the different regions.</p> <p>53– Distinguish between the types of agricultural crops and the characteristics of each of them.</p> <p>54– Familiarize yourself with the electronic calculator.</p> <p>55– Knowing the psychological state of students and how to deal with them in solving their problems</p>
Skills	
Learning Outcomes Statement 2	1– Use the map to identify natural and human geographical locations and phenomena

- 2- Map showing African States and administrative units in Australia
- 3- The ability to critique and analyze educational policies based on the social and cultural foundations of society.
- 4- Linking theory and practice: Preparing a graduate who is not satisfied with the cognitive aspect, but also possesses a philosophical vision that guides his teaching practices in the classroom
- 5- The student is able to be familiar with the most important cadastral and technical principles
- 6- Preparing qualified researchers in the field of geographical mapping
- 7- Contribute to addressing the problems facing students in the representation of geographical phenomena
- 8- – Developing the student's ability to analyze logically and deduce.
- 9- The student's ability to analyze behavior, remember, and forget.
- 10- The student's ability to make reports on research methods in developmental psychology.
- 11- Expand the student's ability to understand the stages and manifestations of growth
- 12- Ability to express course topics
- 13- Using Course-Specific Semantics in the Speech
- 14- Correcting linguistic errors regarding study topics
- 15- Maintenance of linguistic dictation
- 16- Keeping pace with the scientific progress reached by countries in line with water resources
- 17- Harnessing all material and moral capabilities in order to raise the scientific efficiency of students through seminars, trips, and university outputs.
- 18- Interest in related research and studies
- 19- Mapping and Employing Maps in the Study of Population Phenomena
- 20- Distribution of density areas on the map
- 21- Knowledge of Diagrams

- 22- Using Mathematical Equations in Population Data Analysis
- 23- The student must apply the skills of text formatting, reporting, and professional academic dissertations using MS Word.
- 24- The student should use mathematical and logical functions and graphical analysis tools to process data using MS Excel.
- 25- The student should design professional interactive and visual presentations using MS PowerPoint.
- 26- The student should employ "Prompt Engineering" techniques to interact effectively with AI tools in research and task accomplishment.
- 27- Use English in everyday communication.
- 28- Write correct sentences and texts in English.
- 29- Develop reading, listening, and comprehension skills.
- 30- Handy skills by learning about drought equations, hydroclimatic balance, heat and humidity guide, and wind cooling guide
- 31- Technical skills through the use of instrumentation in field monitoring devices Heat humidity wind evaporation
- 32- Skills to highlight the importance of the applied climate in human life.
- 33- The student should be able to distribute tourist sites on geographical maps
- 34- To draw a map of Iraq distributed among the tourist sites and regions
- 35- The student should be able to distribute geographical phenomena in the two American continents.
- 36- To draw a map of the continents of North and South America, distributed among the countries
- 37- Survey and Spatial Assessment Skills through Satellite Programs and Visualizations
- 38- Skills of economic and statistical analysis of data and the use of mathematical models
- 39- Planning skills, sustainable development and knowledge of the feasibility of investing natural resources

	<p>40– Deductive thinking skills, problem–solving, and knowledge of ways to maintain resources</p> <p>41– The student should apply geographical concepts in the analysis of agricultural activities.</p> <p>42– Draw and read agricultural maps.</p> <p>43– Compare farming patterns in different regions.</p> <p>44– To complete short reports or research on agricultural topics</p> <p>45– To provide students with scientific and intellectual skills and abilities that enable them to deal with geographical information.</p> <p>46– Developing their cartographic reading and analysis abilities</p> <p>47– Developing their abilities in the use of learning aids</p> <p>48– Enhancing the skill of research, investigation and field research.</p> <p>49– Analyzing Political Phenomena in the Light of Geographical Components</p> <p>50– Writing a geopolitical research in an academic style for specific problems</p> <p>51– Reading and Analyzing Maps in the Study of International Relations</p>
Values	
<p>Learning Outcomes Statement 4</p>	<ol style="list-style-type: none"> 1- Promoting the values of respect for cultural diversity in the African and Australian society and a sense of importance over resources and wealth, instilling a love of Arabic in the student by encouraging him to read Arabic morphology. 2- The learner should appreciate the importance of the teaching profession and its role in building society, and have a positive attitude towards educational work. 3- Enabling students to identify the geographical map, its elements, and methods of designing and representing it. 4- Enabling students to learn about taking measurements from maps, representing phenomena and reading the map 5- Enabling students to identify the basic theoretical and practical stages of drawing and producing a map 6- Love of language and interaction with it, then the means of practical life in the future labor market

- 7- Cooperation between all parties to achieve common goals.
- 8- Behavioral Evaluation in the Relations between the Parties to the Educational Process.
- 9- Develop students' behavior with respect for their points of view.
- 10- Appreciating the efforts of authors and researchers to deliver the material in its current form
- 11- Urging and guiding students to realize that water resources are natural resources for the country and must be preserved
- 12- Directing students' attention to pay attention to water resources and increasing their efficiency through their versatility
- 13- Increasing students' knowledge of the demographic structure and its impact on consolidating national identity and belonging.
- 14- The student should adopt the principles of academic integrity when using AI tools (avoiding plagiarism and documenting sources).
- 15- The student should develop a positive attitude towards continuous self-learning to keep pace with the rapid technological developments.
- 16- Self-awareness and impulse control Self-motivation and social skills
- 17- Promoting a sense of national and social responsibility
- 18- The student should know the ability of God Almighty in creating nature
- 19- The student should feel the importance of belonging to the place and preserving the tourist sites
- 20- The student should understand the role of tourism in achieving Iraqi social integration through the connection of places
- 21- Developing awareness of national responsibility to conserve and optimize the use of natural resources
- 22- Promoting the principle of geographical justice for deprived areas, their development and rejecting domination over them
- 23- Developing pride in the country's geographical identity and deepening the love of attachment to the country's land and resources
- 24- Consolidating the principle of sustainability of natural resources and pride in wealth
- 25- After completing the course, make the student believe in the greatness of the Creator in his creation and teaching him what he does not know
- 26- To appreciate the importance of agriculture in human life and the economy
- 27- To be concerned with the conservation of natural resources.

	<p>28- Demonstrate awareness of environmental and agricultural problems.</p> <p>29- It promotes a sense of responsibility towards sustainable agricultural development.</p> <p>30- Promoting students' feelings of love for the global subject, and collaborating with others</p> <p>31- Developing the student's interest in political issues with a geographical dimension</p> <p>32- Developing a sense of responsibility towards the state and the Arab world</p> <p>33- Consolidating the values of objectivity and scientific neutrality in the analysis of political issues</p>
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9. Teaching and Learning Strategies
<p>1- Method of Delivery.</p> <p>2- Description.</p> <p>3- And the discussion.</p>

10. Evaluation Methods
<p>Oral Tests</p> <p>Written Tests</p>

12. Faculty					
Faculty Members					
Preparing the teaching staff		Special requirements/skills (if applicable)	Specialization		Academic Rank
Lecturer	Angel		Special	General	

				Geopolitics	Geography	Prof. Dr. Latif Kamel Klewi Juhail	
				Geomorphology	Geography	Prof. Dr. Sarhan Naeem Tashtoush Hussein	
				Geopolitics	Geography	Prof. Dr. Adnan Kazem Jabbar Hammadi	
				Methods of Teaching Sociology	Teaching Methods	Prof. Dr. Karim Abis Abu Halil Khalifa	
				Geomorphology	Geography	Prof. Dr. Safir Jassim Hussain Fadar	
				Environment and pollution	Geography	Prof. Dr. Anwar Sabah Mohamed Moussa	
				Geography of cities	Geography	Prof. Dr. Yahya Abd El , Hassan Falih Hassan	
				Hydrology	Geography	Prof. Dr. Adnan Odeh Falih Harbi	
				Geography of cities	Geography	Maher Nasser Abdullah Mohammed	
				Climate Geography	Geography	Rafid Abd El , Nabi Ibrahim Salman	
				Geopolitics	Geography	Prof. Dr. Hamida Abdulhussain Mohamed Rahoum	

				Geography of Development	Geography	Prof. Dr. Lifta Fateen Obeid	
				Ancient Antiquities	Antiquities	Prof. Dr. Naeem Odeh Safar	
				International Relations	Political Science	Prof. Dr. Abbas Jaber Abdullah Nasser	
				Remote sensing	Forest Science	Assoc. Prof. Dr. Ali Fadel Hassan Hassan	
				Population Geography	Geography	Assoc. Prof. Dr. Aqeel Kazim Wali Khader	
				Geographical Thought	Geography	Assoc. Prof. Dr. Huda Idan Jabbar Ghazi	
				Energy Geography	Geography	Assoc. Prof. Dr. Jassim and Hawah Shati Hussain	
				Contemporary History of Iraq	Modern and Contemporary History	Assoc. Prof. Dr. Ali Ibrahim Mohamed Mustafa	
				Geopolitics	Geography	Assoc. Prof. Dr. Ahmed Hassan Majhoun Karim	
				Population Geography	Geography	Assoc. Prof. Dr. Shaker Awad Dahi Muhaisen	
				Hydrology	Geography	Assoc. Prof. Dr. Saif Majeed	

						Hussein Damou	
				Geography of cities	Geography	Assoc. Prof. Dr. Sherihan Mazen Badr Attia	
				Industrial Geography	Geography	Eng. Rahman Jameel Saad Sultan	
				Communication Engineering	Communication Engineering	Assoc. Prof. Dr. Haidar Rahim Khader Abboud	
				Geomorphology	Geography	Eng. Amer Jameel Abdul Kazem Salman	
				Transportation Geography	Geography	Eng. Farah Abdel Azim Hussein Zahir	

Professional Development

Mentoring new faculty members

Briefly describe the process used to mentor new, visiting, full-time, and part-time faculty at the institution and department level.

Faculty Professional Development

Briefly describe the academic and professional development plan and arrangements for the faculty such as teaching and learning strategies, evaluation of learning outcomes, professional development etc.

28. Admission Criteria

- 1- Adopting the differentiation between students according to the general average and the grade of geography in the preparatory certificate.**

- 2– Adopting the principle of the student's desire.
- 3– Admission of students from the literary and scientific preparatory branches, provided that priority shall be given to the graduates of the literary branch in case the general average and the desire are equal.
- 4– Admission of students with special needs according to the percentage determined by the Ministry, provided that students with visual impairments are not accepted, because geographical sciences rely on the sense of sight in scientific skills to a basic degree.
- 5– Adopting the criterion of geographical location and gender ratio (males and females) in the admission of students.

29. Key sources of information about the program

- 1– Ministerial Instructions.
2. The Sectoral Committee for the Curriculum of the Faculties of Education.

30. Program Development Plan

Program Skills Outline																			
Learning Outcomes Required from the Program														Basic or Optional	Course Name	Course Code	Year/Level		
Values				Skills				Knowledge											
C4	C3	C2	A1	B4	B3	B2	B1	A4	A3	A2	A1								
D4	D3	D2	D1				A1				B1	A4	A3	A2	A1	Basic	Climate Geography and its Applications		First
D4	D3	D2	D1				C2			B3	B2			A6	A5	Basic	Geomorphology and its applications		
D4	D3	D2	D1				C3				B4				A7	Basic	Cartographic Science and its Applications		
D4	D3	D2	D1				C4			B6	B5		A10	A9	A8	Basic	Geography of Africa and Australia		

D 4	D 3	D 2	D 1				C5		B9	B8	B7			A1 2	A1 1	Basic	Ancient History of Iraq		
	D 3	D 2	D 1								B4 7				A5 2	Basic	Arabic Language		
	D 3	D 2	D 1								B4 8				A5 3	Basic	Fundamental s of Education		
	D 3	D 2	D 1													Basic	Computer		
																Basic	Educational Psychology and Development		
D 4							C8			B4 2	B4 1			A4 7	A4 6	Basic	English		
D 4	D 3	D 2	D 1				A1				B1 0		A1 5	A1 4	A1 3	Basic	Democracy and Human Rights		
D 4	D 3	D 2	D 1				C6			B1 2	B1 1			A1 7	A1 6	Basic	Population Geography		The second

D 4	D 3	D 2	D 1				C7				B1 3			A1 8	Basic	Applied Climate			
	D 3	D 2	D 1				C2				B1 4			A2 0	A1 9	Basic	Applied Ground Surface Shapes		
D 4	D 3	D 2	D 1				A1 8				B3 2			A3 7	A3 6	Basic	Geography of Eurasia		
D 4	D 3	D 2	D 1				C1 9				B3 3				A3 8	Basic	Thematic Maps		
																Basic	Geography of the countryside		
																Basic	Geography of Development and Planning		
	D 3	D 2	D 1								B4 8				A5 3	Basic	Hydrology		
	D 3	D 2	D 1								B4 7				A5 2	Basic	Geography of Oil and Energy		

D 4	D 3	D 2	D 1				C1 4				B2 4				A3 0	Basic	Geographic Technologies		
D 4	D 3	D 2	D 1				C8			B1 6	B1 5	A2 4	A2 3	A2 2	A2 1	Basic	History of the Islamic Arab State		
D 4	D 3	D 2	D 1			C1 0	C9	B2 0	B1 9	B1 8	B1 7			A2 6	A2 5	Basic	Developmental Psychology		
D 4	D 3	D 2	D 1			C1 2	A1 1			B2 2	B2 1			A2 8	A2 7	Basic	English		
	D 3	D 2	D 1				C1 3				B2 3				A2 9	Basic	Educational Administration		
D 4	D 3	D 2	D 1				C1 4				B2 4				A3 0	Basic	Baath Party Crimes		
D 4	D 3	D 2	D 1				A1 5		B2 7	B2 6	B2 5			A3 2	A3 1	Basic	Arabic Language		
	D 3	D 2	D 1				A2 0			B3 5	B3 4			A4 0	A3 9	Basic	Geography of cities		The third
	D 3	D 2	D 1				A2 1				B3 6				A4 1	Basic	Geography of Industry		

	D 3	D 2	D 1				A2 2				B4 0				A4 5	Basic	Geography of Agriculture		
																Basic	Detailed Climate		
D 4	D 3	D 2	D 1				C1 6			B2 9	B2 8			A3 4	A3 3	Basic	Geography of the Americas		
	D 3	D 2	D 1				C1 7			B3 1	B3 0				A3 5	Basic	Geography of Tourism		
D 4	D 3	D 2	D 1				C8		B3 9	B3 8	B3 7		A4 4	A4 3	A4 2	Basic	Geography of Natural Resources		
D 4	D 3	D 2	D 1				C2 3				B4 3				A4 8	Basic	Soil Geography		
D 4	D 3	D 2	D 1				C2 3				B4 4				A4 9	Basic	Geographical Research Methods		
D 4	D 3	D 2	D 1				C2 3				B4 5				A5 0	Basic	Geographical Statistics		
D 4	D 3	D 2	D 1				C2 3				B4 6				A5 1	Basic	History of Iraq and the Modern and		

																		Basic	Geography of Transport and Trade			
																			Basic	Geography of Services		
																			Basic	Geography of the environment and pollution		
																			Basic	Social Geography		
																			Basic	GIS		
																			Basic	Measurement & Evaluation		
																			Basic	View & App		
																			Basic	Graduation Research		

- Please indicate the boxes corresponding to the individual learning outcomes from the program being evaluated

Course Description Form

1. Course Name	
Arabic Language	
2. Course Code	
EG108	
3. Semester/ Year	
Annual	
4. Date this description was prepared	
1/9/2025	
5. Available Forms of Attendance	
Weekly	
6. Number of Hours (Total) / Number of Credits (Total)	
30 Hours Hour	
7. Course administrator name (if more than one name mentioned)	
Najeh Jaber Jakhyour	
8. Course Objectives	
•	Course Objectives
9. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p style="margin-left: 20px;">A1- Recognition of subordinates, affection and affirmation</p> <p style="margin-left: 20px;">A2- Mastery of the use of the swings, substitutions and case</p> <p style="margin-left: 20px;">A3- Distinction is the house of words that are forbidden from conjugation.</p> <p style="margin-left: 20px;">A4- Analysis of prose and poetic texts</p> <p>b. Skill objectives of the course.</p> <p style="margin-left: 20px;">B1- Ability to express the topics of the course</p> <p style="margin-left: 20px;">B2. Use of the semantics of the course in the speech</p> <p style="margin-left: 20px;">B3- Correcting linguistic errors in relation to the study topic</p> <p style="margin-left: 20px;">B4- Maintaining linguistic dictation</p> <p>C. Emotional and Values Goals</p> <p style="margin-left: 20px;">A1- Love of language and interaction with it is a means of practical life in the future labor market</p>	Strategy
10. Course Structure	

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	Categories of speech (noun, verb, letter)		1	The first
Oral Testing	Lecture/Discussion	The Arabic name (the beginner and the informant)		1	The second
Oral Testing	Lecture/Discussion	Delete the beginner and the news		1	The third
Oral Testing	Lecture/Discussion	Introducing the beginner and the news		1	Fourth
Oral Testing	Lecture/Discussion	Transcripts of the beginning		1	Fifth
Oral Testing	Lecture/Discussion	He and her sisters		1	Sixth
Oral Testing	Lecture/Discussion	N and her sisters		1	Seventh
Oral Testing	Lecture/Discussion	Al-Mutanabi's poem		1	Eighth
Written Testing	Lecture/Discussion	Methods of drawing Hamza		1	Ninth
Oral Testing	Lecture/Discussion	Dictation 0 Dhad and Dhaa		1	Tenth
Oral Testing	Lecture/Discussion	Study of Surah Al-Fatiha		1	Eleventh
Oral Testing	Lecture/Discussion	Reading a prose text		1	XII
Oral Testing	Lecture/Discussion	First Semester Exam		1	Thirteenth
Oral Testing	Lecture/Discussion	Verb Types		1	Fourteenth
Oral Testing	Lecture/Discussion	The act based on the known		1	Fifteenth
Written Testing		Actor and Deputy Actor		1	Sixteenth
Oral Testing	Lecture/Discussion	Effects (the object in it, in it the effect, for the sake of the effect, the absolute effect, with it the effect		1	Seventeenth
Oral Testing	Lecture/Discussion	Muthanna and Plural		1	Eighteenth
Oral Testing	Lecture/Discussion	Provisions of the Issue		1	Nineteenth
Oral Testing	Lecture/Discussion	Difference Between Extended Coils and Cabin		1	Twenty
Oral Testing	Lecture/Discussion	Punctuation		1	Twenty first
Oral Testing	Lecture/Discussion	The life of the poet Jaafar Al-Hilli		1	Twenty two
Written Testing	Lecture/Discussion	Jaafar Al-Hilli's poem (The face of the morning is on a dark night)		1	Twenty Three
Oral Testing	Lecture/Discussion	The life of the poet Badr Shaker Al-Sayyab		1	Twenty fourth
Oral Testing	Lecture/Discussion	Badr Shaker Al-Sayyab/ The Song of the Rain		1	Twenty Fifth
Oral Testing	Lecture/Discussion	Analysis of the verse of the chair		1	Twenty-sixth

Oral Testing	Lecture/Discussion	Study of a prose text		1	Twenty Seventh
Oral Testing	Lecture/Discussion	Half of Mohammed Ali Alkhafaji double Alhussein comes on		1	Twenty Eight
Oral Testing	Lecture/Discussion	Second Semester Exam		1	Twenty Ninth
Written Testing		Review		1	Thirty

11. Course Evaluation

Oral Tests

Written Tests

12. Learning and Teaching Resources

	Required Textbooks (Methodology, if any)
Arabic Language for Non-Specialization Departments	Main References (Sources)
The booklet lectures in Arabic	Recommended books and references (scientific journals, reports...)
	Electronic References, Websites

Course Description Form

13. Course Name	
Climate and its applications	
14. Course Code Phase I	
EG101	
15. Semester/ Year	
Annual	
16. Date this description was prepared	
1/9/2025	
17. Available Forms of Attendance	
Weekly	
18. Number of Hours (Total) / Number of Credits (Total)	
90 hours	
19. Course administrator name (if more than one name mentioned)	
Prof. Dr. Rafed Abdel Nabi Ibrahim	
20. Course Objectives	
•	Course Objectives
21. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p style="padding-left: 20px;">A1- Understanding that the student understands the concept of climate and its various applications in human life</p> <p style="padding-left: 20px;">A2. Remembering the basic principles of climate and weather</p> <p style="padding-left: 20px;">A3. Knowing the difference between weather and climate characteristics</p> <p style="padding-left: 20px;">A4-</p> <p>b. Skill objectives of the course.</p> <p style="padding-left: 20px;">B1- Manual skills through mapping equal temperature and even rain</p> <p style="padding-left: 20px;">B2- Technical skills through the use of devices in field monitoring</p> <p style="padding-left: 20px;">B3- Skills of highlighting the importance of climate in human life</p> <p style="padding-left: 20px;">B4-</p> <p>C. Emotional and Values Goals</p> <p style="padding-left: 20px;">A1- Self-awareness, emotion control, self-motivation and social skills</p>	<p>Strategy</p>

22. Course Structure					
Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	The Concept of Weather and Climate and its Relationship to Geography	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	The first
Oral Testing	Lecture/Discussion	The Evolution of Weather and Climate Science	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	The second
Oral Testing	Lecture/Discussion	The gaseous atmosphere, its elements and layers	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	The third
Oral Testing	Lecture/Discussion	Solar and terrestrial radiation	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Fourth
Oral Testing	Lecture/Discussion	The Effect of the Components of the Gaseous Atmosphere on Solar Radiation	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Fifth
Oral Testing	Lecture/Discussion	Factors affecting solar radiation	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Sixth
Oral Testing	Lecture/Discussion	Geographical distribution of solar radiation on the Earth's surface	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Seventh
Oral Testing	Lecture/Discussion	Solar Radiation Measuring Devices	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Eighth
Written Testing	Lecture/Discussion	Temperature and Temperature Concept and Methods of Measuring Them	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Ninth
Oral Testing	Lecture/Discussion	Geographical distribution of	Knowledge and comprehension basic skills, interpersonal	3	Tenth

		temperatures in the world	performance skills, and analytical skills		
Oral Testing	Lecture/Discussion	Daily and annual temperature change	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Eleventh
Oral Testing	Lecture/Discussion	Atmospheric pressure concept and methods of measuring it	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	XII
Oral Testing	Lecture/Discussion	The world's most pronounced atmospheric pressure	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Thirteenth
Oral Testing	Lecture/Discussion	Wind Concept and Methods of Measuring It	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Fourteenth
Written Testing		First Semester Exam	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Fifteenth
Oral Testing	Lecture/Discussion	Factors affecting wind speed and direction	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Sixteenth
Oral Testing	Lecture/Discussion	Wind Types	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Seventeenth
Oral Testing	Lecture/Discussion	Near-Earth condensation images	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Eighteenth
Oral Testing	Lecture/Discussion	Images of condensation far from the Earth's surface	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Nineteenth
Oral Testing	Lecture/Discussion	International Classification of Clouds	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Twenty
Oral Testing	Lecture/Discussion	Rain Falling Systems in the World	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Twenty first
Oral Testing	Lecture/Discussion	Evaporation Suicide Concept and Methods of Measurement	Knowledge and comprehension basic skills, interpersonal	3	Twenty two

			performance skills, and analytical skills		
Written Testing	Lecture/Discussion	Rotor is its concept, shapes and methods of measurement	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Twenty Three
Oral Testing	Lecture/Discussion	Air Masses Its Concept, Types and Geographical Distribution	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Twenty fourth
Oral Testing	Lecture/Discussion	Air fronts: their concept and types	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Twenty Fifth
Oral Testing	Lecture/Discussion	Types of atmospheric depressions and methods of measurement	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Twenty-sixth
Oral Testing	Lecture/Discussion	Types of atmospheric heights and methods of measurement	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Twenty Seventh
Oral Testing	Lecture/Discussion	Thunderstorms: their concept and methods of measurement	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Twenty Eight
Oral Testing	Lecture/Discussion	Review of the Vocabulary of the Article	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Twenty Ninth
Written Testing		Second Semester Exam	Knowledge and comprehension basic skills, interpersonal performance skills, and analytical skills	3	Thirty

23. Course Evaluation

Oral Tests

Written Tests

24. Learning and Teaching Resources

Foundations of Meteorology and Climate , Sabah Mahmoud Al-Rawi and Adnan Hazza Al-Bayati , 1st Edition , University of Mosul , 1985	Required Textbooks (Methodology, if any)
Climatology, Noman Shehadeh, 1st Edition, Da Safa, Jordan, 2009	Main References (Sources)
Meteorology, Ali Sahib Al-Moussawi and Abdul Hassan	Recommended books and references (scientific journals, reports...)

Madfoun, 1st Edition, Dar Al-Diaa, Najaf Al-Ashraf, 2011	
	Electronic References, Websites

Course Description Form

25. Course Name	
Computers/Phase I	
26. Course Code	
EG110	
27. Semester/ Year	
Annual	
28. Date this description was prepared	
1/9/2025	
29. Available Forms of Attendance	
Weekly	
30. Number of Hours (Total) / Number of Credits (Total)	
60 hours	
31. Course administrator name (if more than one name mentioned)	
Eng. Dr. Haidar Rahim Khader	
32. Course Objectives	
<p>Providing the student with the basic knowledge and skills to use computers and information technologies in academic and professional environments and to learn about hardware, software, and operating systems, in addition to mastering dealing with basic office applications (Word, Excel, PowerPoint), data processing, report formatting, and understanding principles of information security and dealing with the Internet effectively.</p>	<p>Course Objectives</p>
33. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p>A1. Knowledge of the basic hardware and software components of the computer and the functions of each of them.</p> <p>A2. Understand the operating system (Windows) environment, including managing basic files, folders, and settings.</p> <p>A3- Familiarity with the basic functions of Microsoft Office programs and knowing the differences between the uses of each program (Word, Excel, PowerPoint).</p>	<p>Strategy</p>

A4. Understand the basics of the internet, email, and how to protect against simple digital risks.

b. Skill objectives of the course.

B1. Be able to skillfully deal with the operating system interface and organize the computer software environment.

B2- Prepare, coordinate, and print academic and office documents and reports using MS Word software.

B3- Perform basic calculations, tables, and charts using MS Excel software.

B4- Designing interactive and professional presentations to present ideas and information using MS PowerPoint.

C. Emotional and Values Goals

A1- Enhancing self-confidence when using technology as a supporting tool for scientific research and professional productivity.

34. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	Introducing the student to the stages of computer development	Trace the historical sequence of computer evolution across generations and understand the technological leaps at each stage.	2	The first
Oral Testing	Lecture/Discussion	Familiarize the student with the areas of computer use	Conclusion of the role of computers in development and its applications in the educational, medical, and industrial sectors.	2	The second
Oral Testing	Lecture/Discussion	Introducing the student to the components of the computer	Distinguish the hardware components and the function of	2	The third

			each part (processor, memory, storage).		
Oral Testing	Lecture/Discussion	Familiarize the student with the types and classifications of the computer	Differentiate between computers (personal, servers, laptop) and choose the right type for the desired purpose.	2	Fourth
Oral Testing	Lecture/Discussion	Introducing the student to the computer input and output units	Classify peripherals and determine their respective functions in the data processing process.	2	Fifth
Oral Testing	Lecture/Discussion	Introducing the student to the computer software entity	Distinguish between operating systems and application software and understand their relationship to hardware.	2	Sixth
Oral Testing	Lecture/Discussion	Introduction to Computer Programming Languages	Understand the general concept of programming languages and the basic difference between high and low level languages.	2	Seventh
Oral Testing	Lecture/Discussion	Introduce the student to the numerical systems used in the computer	Make basic conversions between the decimal and binary system and understand how data is stored digitally.	2	Eighth
Written Testing	Lecture/Discussion	Familiarize the student with the computer platform	Understand the concept of "platform" as an integrated software environment on hardware.	2	Ninth
Oral Testing	Lecture/Discussion	Introducing the student to the	Practice professional and	2	Tenth

		ethics of the electronic world	ethical behaviors when dealing with digital content and the Internet.		
Oral Testing	Lecture/Discussion	Computer Security and Hacking	Define cybersecurity terminology and understand the concept of hacking as a security risk.	2	Eleventh
Oral Testing	Lecture/Discussion	Viruses and their types	Classify software threats (viruses, worms, spyware) and know their impact on the system.	2	XII
Oral Testing	Lecture/Discussion	Protection against hacking and computer use damage	Apply basic protection rules and awareness of health harms and security risks.	2	Thirteenth
Oral Testing	Lecture/Discussion	Protection against hacking and computer use damage	Apply basic protection rules and awareness of health harms and security risks.	2	Fourteenth
Oral Testing	Lecture/Discussion	Chapter One Review	Chapter Review	2	Fifteenth
Written Testing		Introduce the student to the objectives, functions, components and types of operating systems	Explain the role of the operating system as a link between the user and the hardware, and distinguish between system types (e.g., Windows and Linux) and their core components.	2	Sixteenth
Oral Testing	Lecture/Discussion	Introducing the idea of Windows 2007 system basics	Manage your desktop environment, organize files and folders, and skillfully adjust basic system settings.	2	Seventeenth

Oral Testing	Lecture/Discussion	Providing an idea of the basics of Windows 2007	Familiarize yourself with the work environment and employ it to create simple text documents.	2	Eighteenth
Oral Testing	Lecture/Discussion	Provide an idea of the basics of implementing a Word system	Formatting text (fonts, colors, paragraphs) and using basic editing tools (copy, cut, paste).	2	Nineteenth
Oral Testing	Lecture/Discussion	Introducing the student to the main page tab in Word	Add external elements (images, tables, illustrations, headers and footers) to develop the document.	2	Twenty
Oral Testing	Lecture/Discussion	Presentation tab explained in Word	Control document views (print layout, read, zoom) and organize your workspace.	2	Twenty first
Oral Testing	Lecture/Discussion	Introducing the student to the topic of insertion within Word	Use additional tools (such as spell checking, saving the document in different formats as PDF).	2	Twenty two
Written Testing	Lecture/Discussion	Complete the rest of the tools for WordPress	Use additional tools (such as spell checking, saving the document in different formats as PDF).	2	Twenty Three
Oral Testing	Lecture/Discussion	Provide an idea of the basics of PowerPoint	Create slides, add text and images, and use simple transition gestures to present ideas.	2	Twenty fourth
Oral Testing	Lecture/Discussion	Providing an idea of the basics of Excel	Designing spreadsheets, entering and organizing data,	2	Twenty Fifth

			and understanding the structure of tables (rows, columns, and cells).		
Oral Testing	Lecture/Discussion	Introducing the student to the Excel program	Designing spreadsheets, entering and organizing data, and understanding the structure of tables (rows, columns, and cells).	2	Twenty-sixth
Oral Testing	Lecture/Discussion	Excel Tabs	Designing spreadsheets, entering and organizing data, and understanding the structure of tables (rows, columns, and cells).	2	Twenty Seventh
Oral Testing	Lecture/Discussion	Excel Tabs	Apply simple arithmetic equations, and use formatting tools (tables, sorting, filtering) to process data effectively.	2	Twenty Eight
Oral Testing	Lecture/Discussion	Excel Tabs	Apply simple arithmetic equations, and use formatting tools (tables, sorting, filtering) to process data effectively.	2	Twenty Ninth
Written Testing		Chapter Review	Chapter Review	2	Thirty
35. Course Evaluation					
Oral Tests					
Written Tests					
36. Learning and Teaching Resources					
The Methodological Book of the Ministry of Higher Education and Scientific Research "Fundamentals of Computers and its Office Applications			Required Textbooks (Methodology, if any)		

- Part 1 and Part 2 by Dr. Ziad Mohamed Abboud 2014"	
Yusr Al-Mustafa Science Series "Fundamentals of Computer and Internet Office 2010 Dr. Ziad Mohamed Abboud Dar Al-Dr for Publishing and Distribution, Baghdad, 2013 Computer system Architecture " by M.M Mano 1993	Main References (Sources)
	Recommended books and references (scientific journals, reports...)
	Electronic References, Websites

Course Description Form

1. Course Name	
Computers/Phase II	
2. Course Code	
3. Semester/ Year	
Annual	
4. Date this description was prepared	
1/9/2025	
5. Available Forms of Attendance	
Weekly	
6. Number of Hours (Total) / Number of Credits (Total)	
60 hours	
7. Course administrator name (if more than one name mentioned)	
Eng. Dr. Haidar Rahim Khader	
8. Course Objectives	
<p>Providing the student with the basic knowledge and skills for the use of computers and information technologies in academic and professional life, and familiarizing with the material, software and operating systems, in addition to mastering dealing with basic office applications (Word, Excel, PowerPoint), data processing, and report formatting, and understanding the principles of information security and dealing with the Internet effectively.</p>	<p>Course Objectives</p>
9. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p>A1. The student should recall the basic concepts of the operating system, computer structure and applications.</p> <p>. A2. The student should specify the advanced functions and software features of the MS Office application package .</p> <p>A3- The student should explain the mechanisms of working of artificial intelligence (AI) models and its applications in the academic and professional environment.</p> <p>. A4. The student should analyze the professional ethics and restrictions related to the use of technology and artificial intelligence in the community.</p> <p>.b. Skill objectives of the course.</p>	<p>Strategy</p>

B1- The student should apply the skills of text formatting, reporting, and professional academic dissertations using (MS Word).
 B2- The student should use mathematical and logical functions and graphical analysis tools to process data using (MS Excel).
 B3. The student should design professional interactive and visual presentations using (MS PowerPoint).
 B4- The student should employ "Prompt Engineering" techniques to interact effectively with artificial intelligence tools in research and task accomplishment.

C. Emotional and Values Goals

A1- The student should adopt the principles of academic integrity when using artificial intelligence tools (avoiding plagiarism and documenting sources).
 A2- The student should develop a positive attitude towards continuous self-learning to keep pace with the rapid technological developments.

10. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	Excel Interface	Identify the main components of the interface and handle the cells and columns.	2	The first
Oral Testing	Lecture/Discussion	Rules	Formulate mathematical equations according to	2	The second

		r wr iti ng ari th m eti c fu nc tio ns	the correct programming rules.		
Oral Testing	Lecture/Discussion	H o m e t a b	Apply formatting tools (font, alignment, patterns) skillfully.	2	The third
Oral Testing	Lecture/Discussion	F i l e L i s t	Manage files (create, save, open, share, print).	2	Fourth
Oral Testing	Lecture/Discussion	T a b P l a n n i n g	Adjust page settings, margins, and orientation to ensure the quality of the output.	2	Fifth
Oral Testing	Lecture/Discussion	T a b I n p u t	Insert tables, charts, and charts into the worksheet.	2	Sixth
Oral Testing	Lecture/Discussion	L i n k t h e f o r m u l a	Link data in different cells or worksheets.	2	Seventh
Oral Testing	Lecture/Discussion	T h e f u n c t i	Use the addition function to find the total number of data.	2	Eighth

		o n o f t h e s u m			
Written Testing	Lecture/Discussion	I f F o r m u l a P o l i c e m a n	Make automated logical decisions based on a specific condition.	2	Ninth
Oral Testing	Lecture/Discussion	T h e f u n c t i o n o f t h e c o u n t a n d c o u n t A	Count cells that contain numbers or text accurately.	2	Tenth
Oral Testing	Lecture/Discussion	F u n c t i o n a v a r a	Extract the arithmetic mean of a set of values.	2	Eleventh

		g e			
Oral Testing	Lecture/Discussion	m i n - f u n c t i o n m a x	Determine the minimum and maximum values within a specific data range.	2	XII
Oral Testing	Lecture/Discussion	T h e s t u d e n t s o l v e s p r a c t i c a l e x e r c i s e s	Solve real-world data problems using learned Excel skills.	2	Thirteenth
Oral Testing	Lecture/Discussion	T h e c o n c e p t o f n e t w o r k s a n d i t s t y	Explain the structure of networks and distinguish their types (LAN, WAN, etc.).	2	Fourteenth

		pe s			
Oral Testing	Lecture/Discussion	N e t w o r k W o r l d W i d e W e b a n d i t s P r o t o c o l s	Interpret the Internet and Transport Protocol (TCP/IP).	2	Fifteenth
Written Testing		H o w t o a c c e s s t h e I n t e r n e t	Connect to the network and apply basic access settings.	2	Sixteenth
Oral Testing	Lecture/Discussion	C o n c e p t C l o u d C o m p u	Define the concept of cloud computing and its importance in storage.	2	Seventeenth

		ting			
Oral Testing	Lecture/Discussion	Types and ingredients Cloud Computing Applications and areas of use	Employing cloud tools in managing and sharing files.	2	Eighteenth
Oral Testing	Lecture/Discussion	Browsers	Handle web browsers to search effectively.	2	Nineteenth

		W A B , G o o g l e a n d I n t e r f a c e c h r o m e			
Oral Testing	Lecture/Discussion	G o o g l e i n t e r f a c e c h r o m e	Learn about interface tools and manage browsing history and extensions.	2	Twenty
Oral Testing	Lecture/Discussion	U s e o f e m a i l	Send and receive messages and attachments with professional skill.	2	Twenty first
Oral Testing	Lecture/Discussion	W h a t i s	Understand how email works and its importance in digital communication.	2	Twenty two

		E m a i l			
Written Testing	Lecture/Discussion	Int ro du cti on to Ar tifi cia l Int ell ig en ce	Define Artificial Intelligence and clarify its basic concepts.	2	Twenty Three
Oral Testing	Lecture/Discussion	The Im po rt an ce of Ar tifi cia l Int ell ig en ce	Analyze the strategic role of AI in scientific progress.	2	Twenty fourth
Oral Testing	Lecture/Discussion	Ar ea s of Ar tifi cia l Int ell ig en ce	Classify the areas in which AI is applied.	2	Twenty Fifth

Oral Testing	Lecture/Discussion	Natural Language Processing	Demonstrate how intelligent systems interact with human language.	2	Twenty-sixth
Oral Testing	Lecture/Discussion	Robotics	Explain the relationship between programming and mechanical systems (robotics).	2	Twenty Seventh
Oral Testing	Lecture/Discussion	Artificial Intelligence Applications	Using AI tools to solve technical problems.	2	Twenty Eight
Oral Testing	Lecture/Discussion	Artificial Intelligence Tools	Applying the skills of interacting with intelligent forms (command engineering).	2	Twenty Ninth
Written Testing		Chapter	Connecting the axes of matter as an	2	Thirty

		r Re vi e w	integrated technical system.		
11. Course Evaluation					
Oral Tests					
Written Tests					
12. Learning and Teaching Resources					
The Methodological Book of the Ministry of Higher Education and Scientific Research "Fundamentals of Computers and its Office Applications Part 1 and Part 2 by Dr. Ziad Mohamed Abboud 2014"			Required Textbooks (Methodology, any)		
"Introduction to the World of Artificial Intelligence" Dr. Adel Abdel Nour			Main References (Sources)		
IGCSE information and communication technology G Brown, D Watson			Recommended books and references (scientific journals, reports...)		
			Electronic References, Websites		

Course Description Form

13. Course Name
English / Stage I
14. Course Code
EG112
15. Semester/ Year

Annual					
16. Date this description was prepared					
1/9/2025					
17. Available Forms of Attendance					
Weekly					
18. Number of Hours (Total) / Number of Credits (Total)					
1 hour					
19. Name of Course Administrator (Prof. Dr. Abbas Jaber Abdullah)					
Prof. Dr. Abbas Jaber Abdullah					
20. Course Objectives					
The course aims to develop the student's knowledge, skills and intellectual and behavioral abilities in a way that contributes to his academic and practical success.			Course Objectives		
21. Teaching and Learning Strategies					
A. Cognitive Objectives					Strategy
1- Knowledge of basic English grammar.2- Understanding vocabulary and language structures.3- Applying language skills in reading and writing.					
b. Skill objectives of the course. 1- Using the English language in daily communication. 2- Write correct sentences and texts in English. 3- Developing reading, listening and comprehension skills.					
C. Emotional and Values Goals					
A1- Enhancing self-confidence in the use of the English language					
22. Course Structure					
Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	English Basics	The student should be familiar with the English letters and their correct pronunciation.		The first

			Distinguish between uppercase and lowercase letters (Capital/Small letters). Familiarize yourself with the basic vocabulary used in daily life. Use simple communication phrases (e.g., greeting and self-introduction).		
Oral Testing	Lecture/Discussion	Parts of speech	The student should know the concept of speech parts. He should enumerate the types of basic parts of speech.		The second
Oral Testing	Lecture/Discussion	Parts of speech	The student should distinguish between a noun, a verb, and a letter. Specify the type of word in a simple sentence.		The third
Oral Testing	Lecture/Discussion	Parts of speech	The student should employ the parts of speech in correct sentences. To analyze a sentence into its basic components.		Fourth
Oral Testing	Lecture/Discussion	Names	The student should know the concept of the name and its types (knowledge,		Fifth

			denial, knowledge). He should distinguish between the noun and the rest of the speech parts in the sentence. The type of noun should be specified in different sentences. Employing nouns in linguistically correct sentences.		
Oral Testing	Lecture/Discussion	Present Continuous Tense	The student should know the continuous present tense. To distinguish between the simple and continuous present.		Sixth
Oral Testing	Lecture/Discussion	Present Continuous Tense	The student should employ the present tense continuously in describing current events. Be correct sentences using this tense.		Seventh
Oral Testing	Lecture/Discussion	The Simple Future Time	The student should know the simple future tense. Express future plans using (will/going to).		Eighth
Written Testing	Lecture/Discussion	The Simple Future Time	The student should be a sentence of negation and questioning in the future.		Ninth

			He should use time in realistic situations.		
Oral Testing	Lecture/Discussion	The simple past tense	The student should know the simple present tense. Formulate established sentences using simple present tense.		Tenth
Oral Testing	Lecture/Discussion	The simple past tense	The student should be a sentence of negation and interrogation in the simple present tense. The simple present tense should be used in life situations.		Eleventh
Oral Testing	Lecture/Discussion	Simple Present Tense	The student should know the simple past tense. Distinguish between regular and irregular verbs.		XII
Oral Testing	Lecture/Discussion	Pronouns	The student should know pronouns and their types. To use pronouns correctly in sentences		Thirteenth
Oral Testing	Lecture/Discussion	Abbreviations	The student should know the concept of abbreviations in the English language. Distinguish between common abbreviations (e.g., I'm, don't, can't).		Fourteenth

			Differentiate between the full form and the abbreviation of words. Use abbreviations correctly in sentences. Write sentences that contain abbreviations in a proper way.		
Oral Testing	Lecture/Discussion	Arrest	The student should know the verb and its types. To distinguish between verbs in sentences.		Fifteenth
Written Testing		Circumstances/Conditions	The student should know the conditions and their uses. To use the circumstances in describing the time		Sixteenth
Oral Testing	Lecture/Discussion	Qualities	The student should use adjectives in correct sentences. He should compare the qualities (preference if necessary).		Seventeenth
Oral Testing	Lecture/Discussion	Order of speech			Eighteenth
Oral Testing	Lecture/Discussion	Exclamation	The student should know the method of exclamation. Formulate correct exclamation sentences.		Nineteenth
Oral Testing	Lecture/Discussion	Corporal Tools	The student should know the identification		Twenty

			tools and their use. He should distinguish between Arafah and Nakara.		
Oral Testing	Lecture/Discussion	Prepositions	The student should know the prepositions. To use them in correct sentences.		Twenty first
Oral Testing	Lecture/Discussion	Prepositions	Distinguish between the uses of different prepositions. To employ them in a variety of contexts.		Twenty two
Written Testing	Lecture/Discussion	Fasteners	The student should know the binding tools. Connect sentences using appropriate tools.		Twenty Three
Oral Testing	Lecture/Discussion	Comparison Scores	The student should know the method of comparison. Use the comparison formats (greater than, more than...) correctly.		Twenty fourth
Oral Testing	Lecture/Discussion	Degrees of preference	The student should know the method of preference. To employ the forms of preference (best, most beautiful...) in correct sentences.		Twenty Fifth
Oral Testing	Lecture/Discussion	Speech Formulation	The student should rephrase the sentences in		Twenty-sixth

			a correct manner. To transform sentences while preserving the meaning		
Oral Testing	Lecture/Discussion	Synonyms	The student should know the concept of synonyms. Use synonyms in different contexts.		Twenty Seventh
Oral Testing	Lecture/Discussion	Harassment	The student should know the opposites (inverses). To distinguish between contradictory words and employ them		Twenty Eight
Oral Testing	Lecture/Discussion	Related words	The student should associate the relevant words. Use related words to form coherent sentences.		Twenty Ninth
Written Testing		Exam	The student should apply what he or she has learned in a comprehensive test. Demonstrate mastery of studied language skills.		Thirty

23. Course Evaluation

Oral Tests
Written Tests

24. Learning and Teaching Resources

	Required Textbooks (Methodology, if a
Comprehensive English Grammar and Vocabulary Workbook.	Main References (Sources)

1. Essential Grammar in Use	Recommended books and references (scientific journals, reports...)
2. Oxford Practice Grammar	
	Electronic References, Websites

Course Description Form

25. Course Name	
Ancient History of Iraq	
26. Course Code	
EG107	
27. Semester/ Year	
Annual	
28. Date this description was prepared	
1/9/2025	
29. Available Forms of Attendance	
Weekly	
30. Number of Hours (Total) / Number of Credits (Total)	
30 hours	
31. Course administrator name (if more than one name mentioned)	
Prof. Dr. Naeem Odeh Safar	
32. Course Objectives	
•	Course Objectives
33. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p style="padding-left: 20px;">A1. Enable students to discuss and analyze historical geography</p> <p style="padding-left: 20px;">A2- Empowering students to know the past and prehistoric eras.</p> <p style="padding-left: 20px;">A3- Enabling students to know the civilizational roles in Mesopotamia</p> <p style="padding-left: 20px;">A4- Identifying the historical eras</p> <p>b. Skill objectives of the course.</p> <p style="padding-left: 20px;">B1- Preparing the student who is able to link the civilizational sequence of prehistoric times</p> <p style="padding-left: 20px;">B2- Enabling the student to connect historical events</p> <p style="padding-left: 20px;">B3-</p> <p style="padding-left: 20px;">B4-</p> <p>C. Emotional and Values Goals</p> <p style="padding-left: 20px;">A1- Enabling students to identify the basic theoretical and scientific stages of drawing events</p>	<p>Strategy</p>

34. Course Structure					
Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	Historical geography of Iraq	Knowledge of historical geography and associated concepts	1	The first
Oral Testing	Lecture/Discussion	Historical geography of Iraq	Knowledge of historical geography and associated concepts	1	The second
Oral Testing	Lecture/Discussion	Definition of the term Iraq	Knowing the meaning of the term Iraq and identifying it	1	The third
Oral Testing	Lecture/Discussion	The story of discovering the past	Knowledge of the historical past of Mesopotamia	1	Fourth
Oral Testing	Lecture/Discussion	Prehistoric Era	Knowledge of prehistory and its characteristics	1	Fifth
Oral Testing	Lecture/Discussion	Prehistoric Era	Knowledge of prehistory and its characteristics	1	Sixth
Oral Testing	Lecture/Discussion	First month exam		1	Seventh
Oral Testing	Lecture/Discussion	Sumerian Era	Knowledge of the Sumerian Era in Mesopotamia	1	Eighth
Written Testing	Lecture/Discussion	Sumerian Era	Knowledge of the Sumerian Era in Mesopotamia	1	Ninth
Oral Testing	Lecture/Discussion	Sumerian Era	Knowledge of the Sumerian Era in Mesopotamia	1	Tenth
Oral Testing	Lecture/Discussion	Akkadian Period	Knowledge, breadth, and strength of the Akkadian state	1	Eleventh
Oral Testing	Lecture/Discussion	Akkadian Period	Knowledge, breadth, and	1	XII

			strength of the Akkadian state		
Oral Testing	Lecture/Discussion	Akkadian Period	Knowledge, breadth, and strength of the Akkadian state	1	Thirteenth
Oral Testing	Lecture/Discussion	Second Month Exam	Remembering, Understanding and Comprehension	1	Fourteenth
Oral Testing	Lecture/Discussion	The Kuti era and the liberation war	Knowing the Dark Period and the Growing National Feeling	1	Fifteenth
Written Testing		The Kuti era and the War of Liberation	Knowing the Dark Period and the Growing National Feeling	1	Sixteenth
Oral Testing	Lecture/Discussion	Third dynasty of your	Identifying the Historical Development in the Age of your III	1	Seventeenth
Oral Testing	Lecture/Discussion	Third dynasty of your	Learn about the historical development in the era of your III	1	Eighteenth
Oral Testing	Lecture/Discussion	Third dynasty of your	Learn about the historical development in the era of your III	1	Nineteenth
Oral Testing	Lecture/Discussion	Breed of Essen Larsa	Learn about the historical development of the Essen Larsa dynasty	1	Twenty
Oral Testing	Lecture/Discussion	Breed of Essen Larsa	Learn about the historical development of the Essen Larsa dynasty	1	Twenty first
Oral Testing	Lecture/Discussion	Old Babylonian Era	Understanding the history of the Amori peoples	1	Twenty two
Written Testing	Lecture/Discussion	Hammurabi Era	Knowledge of King Hammurabi's Age and Power	1	Twenty Three
Oral Testing	Lecture/Discussion	Successors of Hammurabi	Knowledge of King Hammurabi's Age and Power	1	Twenty fourth
Oral Testing	Lecture/Discussion	The Kashi Era	Identifying the Kushite Tribes	1	Twenty Fifth

Oral Testing	Lecture/Discussion	Third Month Exam	Remembering, Understanding and Comprehension	1	Twenty-sixth
Oral Testing	Lecture/Discussion	The Kaschi era and its end	Identifying the Kushite Tribes	1	Twenty Seventh
Oral Testing	Lecture/Discussion	Ancient Assyrian Era	Identifying the Assyrian nations and the expansion of their empire	1	Twenty Eight
Oral Testing	Lecture/Discussion	Middle Assyrian Period	Identifying the Assyrian nations and the expansion of their empire	1	Twenty Ninth
Written Testing		Neo-Assyrian Era	Identifying the Assyrian nations and the expansion of their empire	1	Thirty

35. Course Evaluation

Oral Tests

Written Tests

36. Learning and Teaching Resources

Ancient History of Iraq	Required Textbooks (Methodology, if any)
Introduction to the History Ancient Civilizations	Main References (Sources)
Encyclopedia of Iraqi Civilization Sumer Magazine The greatness of Babylon From Sumer to the Torah	Recommended books and references (scientific journals, reports...)
Iraq Civilization Website	Electronic References, Websites

Course Description Form

37. Course Name	
Principles of Education	
38. Course Code	
EG109	
39. Semester/ Year	
Annual	
40. Date this description was prepared	
1/9/2025	
41. Available Forms of Attendance	
Weekly	
42. Number of Hours (Total) / Number of Credits (Total)	
60 hours	
43. Course administrator name (if more than one name mentioned)	
Eng. Sahar Sahib Kazim	
44. Course Objectives	
<p>Objectives of the course: 1- Introducing medicine to the importance of the subject the principles of environmental education in community life. 2- Introducing students to the foundations of ancient education, including Chinese, Roman and Islamic. 3- Applying the correct educational foundations that students learn their daily lives. 4- Identifying the correct educational applications to benefit from them in public life.</p>	
45. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p>Rooting Educational Thought: Understanding the historical, philosophical, and psychological roots of the educational process and linking them to the contemporary reality. • Building Educational Identity: Consolidating the ethical and professional values that the educator must possess in dealing with the student and society.</p> <p>b. Skill objectives of the course.</p> <p>Educational Systems Analysis: The ability to critique and analyze educational policies based on the social and cultural foundation of society. • Linking theory and practice: Preparing a graduate who is not satisfied with the knowledge aspect, but also possess</p>	<p>Strategy</p>

a philosophical vision that guides his teaching practices in the classroom.

C. Emotional and Values Goals

1. Developing positive attitudes towards the teaching profession: The learner appreciates the importance of the teaching profession and its role in building society, and has a positive attitude towards educational work.

2. Promoting educational and ethical values

such as honesty, honesty, justice, respect for others, and taking responsibility within the educational environment.

3. Developing a sense of belonging to the community and the school

so that the learner feels the importance of his role in serving his community and contributing to its development through education.

46. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	The Meaning and Objectives of Education	Introduce the student to the concept of education and its objectives.	2	The first
Oral Testing	Lecture/Discussion	Educational necessities	Introducing the student to the necessities of education	2	The second
Oral Testing	Lecture/Discussion	Theories of Breeding	Knowledge of the student's theories of education	2	The third
Oral Testing	Lecture/Discussion	Fields of Education	Student's knowledge of educational fields	2	Fourth
Oral Testing	Lecture/Discussion	The Historical Basis of Ancient Education	The student's knowledge of the historical basis of ancient education.	2	Fifth
Oral Testing	Lecture/Discussion	Chinese Education	Introduce the student to the concept of Chinese education and its objectives	2	Sixth
Oral Testing	Lecture/Discussion	Greek Education	Introduce the student to the concept of Greek education and its characteristics.	2	Seventh
Oral Testing	Lecture/Discussion	Medieval	Introducing the student to the	2	Eighth

			characteristics of medieval education		
Written Testing	Lecture/Discussion	Arabic Education Before Islam and After Islam	The student's knowledge of the characteristics of education in the period before and after Islam.	2	Ninth
Oral Testing	Lecture/Discussion	Modern Education	The student defines the concept of the foundations of modern education and the importance of its application in the field of education.	2	Tenth
Oral Testing	Lecture/Discussion	Modern Educational Applications	The student's knowledge of modern educational applications.	2	Eleventh
Oral Testing	Lecture/Discussion	The Social Basis of Education	The student's knowledge of the social basis of education	2	XII
Oral Testing	Lecture/Discussion	The relationship between education and society	Knowledge of the student's relationship between education and society	2	Thirteenth
Oral Testing	Lecture/Discussion	The relationship between the individual and the environment	The student's knowledge of the concept of the environment and its relationship to it	2	Fourteenth
Oral Testing	Lecture/Discussion	Moral Education	The student's knowledge of the concept of moral education and its characteristics	2	Fifteenth
Written Testing		Family Education	Students are aware of family education and its effects on the individual's personality.	2	Sixteenth
Oral Testing	Lecture/Discussion	National Education	Students are aware of the knowledge of national education and its goals.	2	Seventeenth
Oral Testing	Lecture/Discussion	Health Education	The student's knowledge of the concept of health education, its fields, and the most important sciences related to it.	2	Eighteenth
Oral Testing	Lecture/Discussion	Community Educational Applications	Introducing the student to community educational applications.	2	Nineteenth

Oral Testing	Lecture/Discussion	Economic Basis	Introducing the student to the concept of economic basis and its relationship to education	2	Twenty
Oral Testing	Lecture/Discussion	Education and its Impact on Economic Development and the Exploitation of Natural Resources	Introducing the student to the impact of education on economic development and the exploitation of natural resources	2	Twenty first
Oral Testing	Lecture/Discussion	Scientific basis	The student's knowledge of the scientific basis of education and how to develop it.	2	Twenty two
Written Testing	Lecture/Discussion	Education and Methodology in Research and Investigation	The student's knowledge of research and investigation methods.	2	Twenty Three
Oral Testing	Lecture/Discussion	National and Social Foundations	The student's knowledge of the national and social foundations and their impact on education.	2	Twenty fourth
Oral Testing	Lecture/Discussion	Education in the Islamic Perspective	The student's understanding of the most important characteristics of education from the Islamic perspective	2	Twenty Fifth
Oral Testing	Lecture/Discussion	Educational Renewal in Iraq	Introducing the student to the concept of educational innovation and its applications in Iraq.	2	Twenty-sixth
Oral Testing	Lecture/Discussion	Comprehensive School	Introduce the student to the concept of a comprehensive school and its characteristics.	2	Twenty Seventh
Oral Testing	Lecture/Discussion	Systematic Education	The student's understanding of the concept of systematic education.	2	Twenty Eight
Oral Testing	Lecture/Discussion	Educational Methodological Applications	Student's knowledge of methodological educational applications	2	Twenty Ninth
Written Testing		Semester exam		2	Thirty

47. Course Evaluation

Oral Tests
Written Tests

48. Learning and Teaching Resources	
Book of Education , Author: Dr. Khaled Muhammad Abu Shaira	Required Textbooks
The Book of the Fundamentals of Education ,Author: Dr. Mohamed Mounir Morsi	Primary References
(Scientific Journals, Reports Research) Published...)	Recommended books and references
Websites	Electronic References

Course Description Form

49. Course Name	
Human Rights and Democracy	
50. Course Code	
EG113	
51. Semester/ Year	
Annual	
52. Date this description was prepared	
1/9/2025	
53. Available Forms of Attendance	
Weekly	
54. Number of Hours (Total) / Number of Credits (Total)	
Hour	
55. Course administrator name (if more than one name mentioned)	
Assoc. Prof. Dr. Ali Ibrahim Mohamed	
56. Course Objectives	
<p>Conveying a clear picture to students of the value of the changes that human rights have brought about at the global level</p> <p>Knowing the most important rights imposed by the Iraqi Constitution of 2005</p> <p>Explaining the development of human rights and democracy through an extensive reading of them through the most important global civilizations</p> <p>Knowing the opinions of thinkers and philosophers and the extent and extent of the application of rights</p> <p>And democracy over societies</p> <p>Knowing the most important treaties and laws that have made qualitative leaps in</p> <p>The relationship between the ruler and the governed</p>	<p>Course Objectives</p>
57. Teaching and Learning Strategies	
A. Cognitive Objectives	Strategy

- 1- Conveying a clear picture to students about the importance of human rights
- 2- Identifying the most important things approved by the heavenly laws
- 3- Find out what contributed to the emergence of the Universal Declaration of Human Rights

b. Skill objectives of the course.

- 1- Explaining the Nature of Human Rights in Ancient Civilizations
- 2- Identifying the nature of the harmony achieved by the Iraq constitution in 2005 with the Universal Declaration of Human Rights 1948
- 3- Identify the most important contributing factors that have contributed to the continued adherence to human rights

C. Emotional and Values Goals

This course description provides a concise summary of the most important characteristics of the course and the learning outcomes expected of the student to achieve and demonstrate whether they have made the most of the available learning opportunities. It must be linked to the description of the program.

58. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	Introducing human rights and national and procedural mechanisms for their implementation	Statement of the most important national mechanisms	2	The first
Oral Testing	Lecture/Discussion	The Concept of Human Rights and the International Charter	The concept of human rights in a simplified and easy to understand way	2	The second
Oral Testing	Lecture/Discussion	Women's and Children's Rights, Minorities and Persons with Disabilities	Statement of the most important gains achieved by women	2	The third
Oral Testing	Lecture/Discussion	The Concept of the International Charter	The concept of state authority over the most important laws	2	Fourth

Oral Testing	Lecture/Discussion	National and procedural mechanisms for the implementation of human rights	Identifying the most important of these mechanisms and knowing the legal ways to use them	2	Fifth
Oral Testing	Lecture/Discussion	Categorical and special rights	Showing the most important of these rights and linking the most important of them to the general reality	2	Sixth
Oral Testing	Lecture/Discussion	Women, Children's and Youth Rights	Explaining the most important rights achieved by women and explaining the role of the law in drawing them and for the child	2	Seventh
Oral Testing	Lecture/Discussion	Rights of Persons with Disabilities and Advocacy	Statement of the rights guaranteed by law to this segment	2	Eighth
Written Testing	Lecture/Discussion	Gross human rights violations	Statement of the most important violations that have been carried out against the law	2	Ninth
Oral Testing	Lecture/Discussion	Convention against Torture	Statement of the Role of Torture in Deprivation of Rights	2	Tenth
Oral Testing	Lecture/Discussion	International Convention for the Protection of All Persons from Enforced Disappearance	Explain the importance of this agreement, when it entered into force and why	2	Eleventh
Oral Testing	Lecture/Discussion	Mechanisms for the Criminalization of Torture	Torture and showing how countries restricted by a law were able to prohibit it and criminalize those responsible for it	2	XII
Oral Testing	Lecture/Discussion	International humanitarian law	The importance of showing the main articles contained in that law that have a wide resonance	2	Thirteenth
Oral Testing	Lecture/Discussion	Principles of international humanitarian law	Focusing on the most important principles that create a person who follows the law of his own free will	2	Fourteenth
Oral Testing	Lecture/Discussion	Essay on the first semester of the school year		2	Fifteenth
Written Testing				2	Sixteenth
Oral Testing	Lecture/Discussion	Other provisions of the Geneva Conventions	Focusing on the role of the agreements that have been produced	2	Seventeenth

Oral Testing	Lecture/Discussion	Relations between international humanitarian law and human rights	Explaining the nature of that relationship and showing the amount of harmony	2	Eighteenth
Oral Testing	Lecture/Discussion	Physical Abuses Before 2003	Show the most important violations that human beings have been exposed to in the absence of law	2	Nineteenth
Oral Testing	Lecture/Discussion	Human Rights Council and the International Review Mechanism	Focusing on the most important rights achieved in that Council in the public interest	2	Twenty
Oral Testing	Lecture/Discussion	Institutions and mechanisms of democracy	Show what democracy means under that name	2	Twenty first
Oral Testing	Lecture/Discussion	The Importance of Separation of Powers in Modern Democracies	Focus on the importance of separation of powers in modern democracies	2	Twenty two
Written Testing	Lecture/Discussion	The three legislative powers	The need to know what these authorities produce and the nature of its impact on society	2	Twenty Three
Oral Testing	Lecture/Discussion	Adjustment and balancing mechanisms	Explain the most important ways in which balance is achieved without leaning towards one goal over another	2	Twenty fourth
Oral Testing	Lecture/Discussion	Different examples of several constitutions	Showing the most important world constitutions and what they have achieved for their societies such as the constitution of the United States of America, France or India	2	Twenty Fifth
Oral Testing	Lecture/Discussion	Principles of Democratic Governance	Identify the most important principles of this judgment and indicate the extent to which they are realized globally	2	Twenty-sixth
Oral Testing	Lecture/Discussion	Electoral Systems	Statement of the most important democratic systems in light of the availability of general conditions	2	Twenty Seventh
Oral Testing	Lecture/Discussion	Political Parties	Focus on the most important political parties and explain their projects and programs	2	Twenty Eight

Oral Testing	Lecture/Discussion	Civil Society and Lobbyists	Explaining the nature of societies and the necessity of understanding the civilization of society under strict and comprehensive regulations and laws	2	Twenty Ninth
Written Testing				2	Thirty

59. Course Evaluation

Oral Exams / Taking More Than Seventeen Tests
 Written Tests Conducting three tests

60. Learning and Teaching Resources

Ministerial Methodology Book: (Human Rights and Democracy)	Required Textbooks (Methodology, if any)
	Main References (Sources)
	Recommended books and references (scientific journals, reports...) Making two reports
	Electronic References, Websites

Course Description Form

61. Course Name:	
Geomorphology and its Applications / Phase I.	
62. Course Code:	
EG102	
63. Semester / Year :	
Semesters I and II/ 2025-2026	
64. Date this description was prepared :	
2026-10-15	
65. Available Forms of Attendance:	
Built-in (Physical + Electronic)	
66. Number of Hours (Total) / Number of Units (Total):	
60 Hours / 2 Units	
67. Name of the course administrator (if more than one name mentions):	
Prof. Dr. Safir Jassim Hussain	
68. Course Objectives	
<ul style="list-style-type: none"> • Preparing students who are able to understand the earth's surface scientifically, analyze it skillfully, and apply it in the service of the environment and society, while consolidating the values of sustainability and the preservation of natural resources. 	Course Objectives
69. Teaching and Learning Strategies	
<p>A- Knowledge Objectives:</p> <p>A1. Understand the origin and evolution of the Earth's surface shapes such as mountains, valleys, plains, and sand dunes.</p> <p>A2. Identify geomorphological processes such as weathering, erosion, transportation, and sedimentation.</p> <p>A3. Understanding the relationship between climate, geological structure, and topography formation.</p> <p>A4. Understand the chronology of the Earth's surface evolution through geological ages.</p> <p>b. Skill objectives of the course.</p> <p>B1. Developing the skills of reading and analyzing topographical and geomorphological maps.</p>	Strategy

Use of remote sensing techniques (e.g., satellite imagery) and geographic information systems (GIS).

B3. Ability to interpret natural phenomena such as floods, sea level encroachment, and soil erosion.

B4. Conducting field measurements and analyses of land forms.

C. Emotional and Values Goals

A1- Developing awareness of the importance of protecting the environment and maintaining the natural balance.

C2 - Enhancing the sense of the importance of studying the Earth's surface and understanding its evolution over time.

C3. Promoting attention to protecting the natural environment from degradation.

C4- Promoting scientific and critical thinking in the interpretation of natural phenomena.

70. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral test	Lecture	Introduction to Geomorphology ,	Introducing the origins and origins of geomorphology	2	First
Cob	Discussion	Processes of Internal Origin and Structural Landforms	The student should be familiar with the mechanism of internal processes and the resulting ground forms	2	The second
Micro-learning	Dialogue	Lifting mountains – folding – fractures – earthquakes – volcanoes	The student should be familiar with the mechanism of internal processes and the resulting ground forms	2	The third
Writing a Summary	Collaborative Learning	Externalized Operations	The student should be familiar with the mechanism of external operations and	2	Fourth

			the resulting ground shapes.		
Oral test	Brainstorming	River Geomorphology ,	The student should understand the foundations of river geomorphology	2	Fifth
Cob		River Landforms	The student should deduce the forms resulting from the river processes	2	Sixth
Micro-learning	Thought-Mate-Share Strategy	Coastal and wind operations	The student should deduce the forms resulting from coastal and wind operations.	2	Seventh
Writing a Summary	Lecture	Glacial and Semi-Glacial Geomorphology	The student should be familiar with the shapes resulting from the glacial processes	2	Eighth
Oral test	Discussion	Karst geomorphology and groundwater.	The student should be aware of the importance of karst processes and the role of groundwater in shaping them.	2	Ninth
Cob	Dialogue	Groundwater Movement and Aquatic Geomorphology	The student should understand the nature of the movement of groundwater.	2	Tenth
Micro-learning	Collaborative Learning	Human Geomorphology	The student should be aware of the role of human beings in changing the earthly appearances	2	Eleventh

Writing a Summary	Brainstorming	Land Appearances and Tourism	The student should be familiar with the elements of ecotourism	2	XII
Oral test		Field Methods and Remote Sensing in Geomorphology	The student should learn how to use remote sensing means to interpret processes and landforms	2	Thirteenth
Cob	Thought-Mate-Share Strategy	Applied Geomorphological Mapping	Enhancing the student's skill in perceiving and signing ground features on the geomorphic map.	2	Fourteenth
Written exam		Semester Exam		2	Fifteenth
Writing a Summary	Discussion	Applied Geomorphology Definition and Scope	The student should be familiar with the concept of applied geomorphology, its importance and its fields on the ground.	2	Sixteenth
Oral test	Dialogue	Geomorphology and Human Interaction	The student should be aware of the nature of the interaction between human activities and their impact on the ground appearances.	2	Seventeenth
Cob	Collaborative Learning	River Geomorphology and River Management	The student should be aware of the importance of river management	2	Eighteenth
Micro-learning	Brainstorming	Coastal geomorphology and anti-erosion.	The student should be aware of the dangers of coastal erosion and	2	Nineteenth

			ways to address them		
Oral test	Thought-Mate-Share Strategy	Aerobic processes and desertification	The student should be familiar with the aerobic processes that result in desertification	2	Twenty
Writing a Summary		Glacial and Semi-Glacial Processes in Modern Environments	The student should be aware of the risks of glacial erosion in icy and semi-glacial environments.	2	Twenty first
Cob	Lecture	Geomorphological Hazards, Risk Assessment and Impactability	The student should be aware of geomorphological hazards and the extent of their effects	2	Twenty two
Micro-learning	Discussion	Geomorphological hazards associated with surface processes	The student should be aware of the geomorphological hazards resulting from surface works and the extent of their effects.	2	Twenty Three
Writing a Summary	Dialogue	Atmospheric Hazards and Surface Operations	The student should be aware of the geomorphological hazards resulting from surface labors associated with the gaseous atmosphere and the extent of their effects.	2	Twenty fourth
Oral test	Collaborative Learning	Risks of groundwater	The student should be aware of the geomorphological risks resulting from groundwater	2	Twenty Fifth

			operations and the extent of their effects.		
Cob	Brainstorming	Risks in the coastal environment	The student should be aware of the geomorphologic risks resulting from labor in the coastal environment and the extent of their effects.	2	Twenty-sixth
Micro-learning		Risks in the Karst Environment	The student should be aware of the geomorphologic risks resulting from karst labor and the extent of their effects.	2	Twenty Seventh
Writing a Summary	Thought-Mate-Share Strategy	Applied Geomorphology in Engineering and Land Management	The student should be aware of the importance of geomorphologic characteristics in engineering construction and land management.	2	Twenty Eight
Oral test	Lecture	Slope stabilization techniques	The student should be familiar with the most important techniques for stabilizing slopes to ward off the dangers of material movement on them.	2	Twenty Ninth
Written exam				2	Thirty

Course Rating:

Exam Results – Discussions and Session Management

71. Learning and Teaching Resources	
- Abdul-Ilah Razouqi Karbal, Geomorphology, University of Basra, 1985.	Required Textbooks (Methodology, if any)
1- Hassan Sayed Ahmed Abou El-Enein, Origins of Geomorphology, Alexandria, 1963 2- Richard John Haggett, Fundamentals of Geomorphology, London, 2011	Main References (Sources)
B.W. Sparks, Geomorphology, translated by Leila Mohamed Othman, Anglo–Egyptian Library, 1983.	Recommended books and references (scientific journals, reports...)
http://www.geomorph.org/wp-content/uploads/2016/06/10 https://www.sciencedirect.com , journal, geomorphology,	Electronic References, Websites

Course Description Form

72. Course Name/	Cartographic Science and its Applications
73. Course Code	EG103
74. Semester/ Year	2025-2026
75. Date this description was prepared	1/9/2025
76. Available Forms of Attendance	Weekly
77. Number of Hours (Total) / Number of Credits (Total)	60 hours
78. Course administrator name (if more than one name mention)	Eng. Dr. Haider Hussein Aliwi
79. Course Objectives	<p>.Enable students to identify the geographical map, its elements, and the methods of designing and representing it.and Enabling students to learn about the ABCs of the process of drawing and producing a map. This course aims to give the student an idea of aerial visuals and images, ways to deal with them, and how to derive data from them, because of the huge amounts of supervising data they carry.</p>
80. Teaching and Learning Strategies	<p>A. Cognitive Objectives</p> <ol style="list-style-type: none"> 1- Enable students to discuss and represent phenomena on a map 2- - Enable students to know the basic principles of map elements in detail 3- Enabling students to know how to produce a geographical map 4- - Contributing to the reading and representation of phenomena, extracting measurements, and directing the map and its coordinates. <p>b. Skill objectives of the course.</p> <ol style="list-style-type: none"> 1- The student is able to be familiar with the most important cadastral and technical principles 2- Preparing qualified researchers in the field of geographical mapping 3- Contributing to addressing the problems facing students in the representation of geographical phenomena <p>C. Emotional and Values Goals</p>

- 1- Enabling students to identify the geographical map, its elements, and the methods of designing and representing it.
- 2- Enabling students to learn about taking measurements from maps, representing phenomena and reading the map
- 3- Enable students to identify the basic theoretical and practical stages of drawing and producing maps

81. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Wate
Oral Testing	Lecture/Discussion	Basic Concepts of Cartographic Science and its Importance in Geographical Studies	Remember, comprehend, and comprehend by enabling the student to learn about cartography and remote sensing	3
Oral Testing	Lecture/Discussion	The Evolution of Cartographic Science	Remembering, Understanding and Comprehension by Introducing the Student to the Evolution of Cartographic Science	3
Oral Testing	Lecture/Discussion	Historical development of cartography	Remember, understand, and comprehend by introducing the student to the historical development of remote sensing science through time and data types.	3
Oral Testing	Lecture/Discussion	Principles of Reading a Map	Enable the student to learn about the principles of reading a map	3
Oral Testing	Lecture/Discussion	Types of Maps and their Classifications	Enable the student to identify the types of maps and their classifications	3
Oral Testing	Lecture/Discussion	Basic map elements (title, key, frame,	Enable the student to get to know	3

		north direction, map source)	Basic map elements (title, key, frame, north direction, map source)	
Oral Testing	Lecture/Discussion	Projections and coordinate systems and their importance (General Introduction)	Familiarize the student with the basic elements of the map (title, key, frame, north direction, map source)	3
Oral Testing	Lecture/Discussion	The concept of map projection and its types	Enable the student to learn about the concept of map projection and its types	3
Written Testing	Lecture/Discussion	World Coordinate System (WGS84) and its Importance	Enable the student to learn about the World Coordinate System (WGS84) and its importance	3
Oral Testing	Lecture/Discussion	Conversion between coordinate systems	Introducing the student to recognize the conversion between coordinate systems	3
Oral Testing	Lecture/Discussion	Cartographic Scales and Representation Methods	Introducing the student to the recognition of cartographic scales and acting methods	3
Oral Testing	Lecture/Discussion	Scale of Drawing (Definition, Importance, Types) and its Mathematical Transformations	Introducing the student to the recognition of the drawing scale (its definition, importance, types) and its mathematical transformations	3
Oral Testing	Lecture/Discussion	Ways to Zoom in and Out of Maps	Introducing the student to the ways of zooming in and out of maps	3
Oral Testing	Lecture/Discussion	Use of colors in maps and their semantics	Enable the student to recognize the use of colors in maps and their semantics	3
Oral Testing	Lecture/Discussion	Methods of Quantitative and Qualitative Representation in	Enabling the student to identify the methods of quantitative and	3

			Maps (Natural and Human)	qualitative representation in maps (natural and human)	
Written Exam From(16)					
	Oral Testing	Lecture/Discussion	Map Production and Drawing (Introduction and General Basics)	Enable the student to learn about the production and drawing of maps (Introduction and General Basics)	3
	Oral Testing	Lecture/Discussion	Steps to prepare and map Map Coding	Enable the student to learn about the steps of preparing and drawing maps Map Coding	3
	Oral Testing	Lecture/Discussion	Traditional and digital mapping tools and techniques	Introduce the student to the familiarity with traditional and digital mapping tools and techniques	3
	Oral Testing	Lecture/Discussion	Software used in mapping (overview)	Familiarize the student with the software used in mapping (overview)	3
	Oral Testing	Lecture/Discussion	The importance of digital maps over traditional (paper) maps	Introducing the student to recognize the importance of digital maps over traditional (paper) maps	3
	Oral Testing	Lecture/Discussion	Criteria and Foundations of Accuracy in Maps	Enable the student to identify the criteria and foundations of accuracy in maps	3
Written Exam (16)					
	Oral Testing	Lecture/Discussion	The Role of Geographic Information Systems (GIS) in Mapping Production and Mapping	Enable the student to learn about the role of Geographic Information Systems (GIS) in the production and mapping of the	3

Oral Testing	Lecture/Discussion	Geographic Data Sources in GIS	Enable the student to identify the sources of geographic data in (GIS)	3
Oral Testing	Lecture/Discussion	The Role of Remote Sensing in Geo-Mapping	Enable the student to learn about the role of remote sensing in geo-mapping	3
Oral Testing	Lecture/Discussion	Aerial Image and Satellite Visualization Analysis	Introducing the student to the recognition of the analysis of aerial images and satellite visuals	3
Oral Testing	Lecture/Discussion	Building geospatial databases and linking them to maps Climatic and hydrological maps and their applications	Definition of enabling the student to identify the construction of geospatial databases and linking them to maps Climatic and hydrological maps and their applications	3
Oral Testing	Lecture/Discussion	Applications of Maps in Urban Planning and Sustainable Development	Introducing the student to the recognition of the applications of maps in urban planning and sustainable development	3

Written Exam From(16)

82. Course Evaluation

Oral Tests
Written Tests

83. Learning and Teaching Resources

Cartographing and Field Study - Ahmed Najm Al-Din Fulaija - Jamil Najib Abdul	Required Textbooks (Methodology)
1. Introduction to Cartographic Science and Digital Maps (Juma Dawood) 2. Practical Geography and Principles of Maps (Fathi Abdel Aziz Abu Radi) 3. Principles of GIS Science (Juma Dawood) Foundations and Applications of Remote Sensing (Juma Dawood)	Main References (Sources)
Arab Journal of Geographic Information Systems Writing reports on cartography and its vocabulary	Recommended books and journals, reports...)

Course Description Form

84. Course Name	
Educational Psychology and Development	
85. Course Code	
EG111	
86. Semester/ Year	
Annual	
87. Date this description was prepared	
1/9/2025	
88. Available Forms of Attendance	
Weekly	
89. Number of Hours (Total) / Number of Credits (Total)	
60/2 hours	
90. Course administrator name (if more than one name mentioned)	
Assoc. Prof. Dr. Fatima Radi Sajat Al-Jabri Email: Fatima.aljabri@mu.edu	
91. Course Objectives	
<ul style="list-style-type: none"> • Introducing students to the historical development of psychology and theories. • Understand the behavioral phenomena related to the educational process and know the methods of research in it. • He mentioned the most important theories of motivation in learning, and the most important educational schools. • Identify motivations, remember, attention, and the extent to which impact of learning is transmitted and feedback. • Knowledge of developmental psychology and its stages of development . • Introduce the student to the importance of developmental psychology . • Understanding research methods and information gathering methods • Introducing the manifestations and laws of growth . 	Course Objectives
92. Teaching and Learning Strategies	
A. Cognitive Objectives A1. The student should be able to know educational psychology.	Strategy

A2– The student should be able to know behavior and motivation in educational psychology.

A3– The student should be able to know the importance of developmental psychology.

A4– The student should be able to know the factors that affect growth .

b. Skill objectives of the course.

B1– Developing the student's ability to analyze logically and deduce.

B2– The student's ability to analyze behavior, remember, and forget.

B3– The student's ability to make reports on research methods in developmental psychology.

B4. Expand the student's ability to understand the stages and manifestations of development.

C. Emotional and Values Goals

A1– Cooperation between all parties to achieve common goals.

C2– Behavioral evaluation in the existing relationships between the parties of the educational process.

A3– Developing the behavior of students by respecting their points of view

A4– Appreciating the efforts of the authors and researchers to deliver the material in its current form.

93. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral and written testing	Lecture/Discussion	Educational Psychology - Historical Development	Knowledge of educational psychology and its related concepts.	2	The first
Oral and written testing	Lecture/Discussion	Nature of Educational Psychology	Knowing the nature of developmental psychology .	2	The second
Oral and written testing	Lecture/Discussion	Theories of Educational Psychology	Identify the most important theories that have explained educational psychology.	2	The third

Oral and written testing	Lecture/Discussion	Educational Psychology Topics	Identify the topics of educational psychology and the most important things that it focuses on.	2	Fourth
Oral and written testing	Lecture/Discussion	Educational Psychology Schools	Identify the most prominent schools that have studied educational psychology such as behavioral and cognitive.	2	Fifth
Oral and written testing	Lecture/Discussion	Ethics	Identify the most important ethics of the profession in education and how to deal with students and teachers .	2	Sixth
Oral and written testing	Lecture/Discussion	Behavior	Knowing the behavior of an individual is the activity he or she performs and the factors that affect that activity.	2	Seventh
Oral and written testing	Lecture/Discussion	Research Methods in Educational Psychology	Knowledge of research methods such as descriptive, empirical, and observational methods.	2	Eighth
Written and Editorial Testing	Lecture/Discussion	Attention and Perception	Introducing the individual to the concentration of feeling or mental wandering.	2	Ninth
Oral and written testing	Lecture/Discussion	Motivation in Learning	The individual's knowledge of the internal and external conditions that surround him and the ability to create motivations.	2	Tenth

Oral and written testing	Lecture/Discussion	Remembering and forgetting	The ability of the individual to retrieve and identify information or to forget the information and fail to retrieve it.	2	Eleventh
Oral and written testing	Lecture/Discussion	Theories of memory interpretation	Knowledge of theories of memory interpretation such as anatomical theory, Kashtalt and cognition.	2	XII
Oral and written testing	Lecture/Discussion	Transfer of Learning Impact and its Theories	Knowledge of the individual that training facilitates the performance of the work.	2	Thirteenth
Oral and written testing	Lecture/Discussion	Feedback	Identifying feedback as providing learners with knowledge and judgment of their results.	2	Fourteenth
Oral and written testing	Lecture/Discussion	Types of Feedback	Identify nutrition and its negative, positive, internal and external types.	2	Fifteenth
Oral and written testing	Lecture/Discussion	Basic Concepts for Growth	Knowledge of developmental psychology and its associated concepts.	2	Sixteenth
Oral and written testing	Lecture/Discussion	The Importance of Studying Developmental Psychology	Knowledge of the importance of theoretical and applied developmental psychology, psychologists and parents .	2	Seventeenth
Oral and written testing	Lecture/Discussion	Research Methods in Developmental Psychology	Identify the most important scientific research methods in developmental psychology .	2	Eighteenth

Oral and written testing	Lecture/Discussion	Demo	To introduce the experimental and empirical approach .	2	Nineteenth
Oral and written testing	Lecture/Discussion	Al , Wasfi	The descriptive method that relies on observation .	2	Twentieth
Oral and written testing	Lecture/Discussion	Resources for Obtaining Information in Developmental Psychology	Knowing the means by which we can collect information, such as interviews and questionnaires.	2	Twenty-first
Oral and written testing	Lecture/Discussion	Research Ethics in Developmental Psychology	Knowing the research ethics that a researcher in developmental psychology should have .	2	Twenty-two
Oral and written testing	Lecture/Discussion	Factors Affecting Growth	Knowing the factors that affect growth .	2	Twenty-Three
Written and Editorial Testing	Lecture/Discussion	General Laws of Growth	Knowing the most important laws of developmental psychology .	2	Twenty-fourth
Oral and written testing	Lecture/Discussion	Theories of growth	Knowledge and understanding of the most important theories that explain developmental psychology .	2	Twenty-Fifth
Oral and written testing	Lecture/Discussion	Ericsson's theory and Giselle's theory	Knowing the most important explanations of Erikson's theory during the stages of development, Giselle's theory and the explanation of maturity .	2	Twenty-sixth
Oral and written testing	Lecture/Discussion	Matthew theorem	Knowledge of the pyramid of needs of Maslow's theory.	2	Twenty-Seventh
Oral and written testing	Lecture/Discussion	Growth demands at all stages	Knowing the most important demands of	2	Twenty-Eighth

			growth in each stage separately and the importance of interdependence between the stages .		
Oral and written testing	Lecture/Discussion	Manifestations of growth	Knowing the manifestations of growth at each stage.	2	Twenty Ninth
Oral and written testing	Lecture/Discussion	Principles and Aspects of Developmental Psychology	Identify the key principles of growth and their role in developmental psychology.	2	Thirty
94. Course Evaluation					
Oral Tests					
Written Tests					
95. Learning and Teaching Resources					
1- Al-Qaisi, Raouf Mahmoud, Educational Psychology First Edition, Dar Degla Publishing, Amman, 2008. 2- Al-Tarihi, Fahem Hussein, Hammadi, Hussein Rabi Educational Psychology, First Edition, Dar Safaa Publishing, Amman, 2012.			Required Textbooks (Methodology any)		
Khaled Ibrahim Al-Fakharani, General Psychology, Faculty of A Tanta University. Quality of Life Association Al-Masriyya, 2014. Hassan Mostafa Abdel Moati, Huda Mohamed Kenna Developmental Psychology, Publisher: Dar Quba Printing Publishing and Distribution, Edition, Number of Parts			Main References (Sources)		
Developmental Psychology (All Specializations) by Dr. Soula Tari Growth Psychology , Fawzia bint Abdulrahman Ba Naima ,			Recommended books and references (scientific journals, reports...)		
Al Noor Library			Electronic References, Website		

Course Description Form

1. Course Name	
Geography of Africa and Australia	
2. Course Code	
EG104	
3. Semester/ Year	
Annual	
4. Date this description was prepared	
1/9/2025	
5. Available Forms of Attendance	
Weekly	
6. Number of Hours (Total) / Number of Credits (Total)	
60 hours	
7. Course administrator name (if more than one name mentioned)	
Assoc. Prof. Dr. Shaker Awad Dahi	
8. Course Objectives	
<p>To provide students with an integrated geographical understanding of the continents of Africa and Australia in terms of their natural, human and economic characteristics, and to develop their ability to analyze and interpret geographical phenomena.</p>	<p>Course Objectives</p>
9. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p style="padding-left: 20px;">A1- Identifying the characteristics of the African continent and the Nile basin</p> <p style="padding-left: 20px;">A2. Identify the historical background of the discovery of the continent and analyze the structural situation and terrain</p> <p style="padding-left: 20px;">A3- Identifying the breeding and population situation and determining the continent's climates and vegetation cover.</p> <p style="padding-left: 20px;">A4. To introduce and discover the continent of Australia and to study the natural characteristics, geological structure and topographic surface features of the continent.</p> <p>b. Skill objectives of the course.</p> <p style="padding-left: 20px;">B1. Use of the map to identify natural and human geographical locations and phenomena</p> <p style="padding-left: 20px;">B2. Drawing a map showing African countries and administrative units in Australia</p> <p style="padding-left: 20px;">B4-</p> <p>C. Emotional and Values Goals</p> <p style="padding-left: 20px;">A1. Promoting the values of respect for cultural diversity in the African and Australian society and a sense of importance over resources and wealth.</p>	<p>Strategy</p>

10. Course Structure					
Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	A Brief History of the Continent, General Features of the African Continent (Location and Area)	Identify historical development and its impact on current reality Africa	2	The first
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Geological Structure and Surface Features	Explaining the relationship between geology and terrain	2	The second
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Soil	Soil classification and significance	2	The third
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Water Drainage	Analysis of river networks and their importance	2	Fourth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Climate and Climate Regions	Interpreting climate diversity and distribution	2	Fifth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Natural vegetation and vegetation regions	Linking vegetation to climate	2	Sixth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Epidemics and diseases	Understanding the geographical distribution of diseases in Africa	2	Seventh
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Human Breeds	Recognizing the human diversity of Africa	2	Eighth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	African languages	Analysis of the linguistic diversity of the population of Africa	2	Ninth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	African population	Study of Population Growth and Distribution in Africa	2	Tenth
Written, Oral and	Lecture, questioning,	Human Activity	Interpretation of human	2	Eleventh

Performing Exam	discussion and dialogue		exploitation of the environment in Africa		
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Crafts and Economic Activity	Analysis of Economic Activities in Africa	2	XII
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Mineral Resources in Africa	Knowledge of the distribution and importance of minerals in Africa	2	Thirteenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	The Nile and the Horn of Africa: A Study of Some Political Units (Sudan)	Analysis of the characteristics of the area as a model In Africa	2	Fourteenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Some of the political units on the continent	Knowledge of the economic, political and nature characteristics of these units	2	Fifteenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Astronomical and geographical location of the continent of Australia	Getting to know the geographical characteristics of Australia	2	Sixteenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	History of Settlement in Australia	Tracking the Settlement Phases Australia	2	Seventeenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Geological Structure and Surface Features	Interpreting the relationship with the terrain in Australia	2	Eighteenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Australian topography	Knowledge of topography	2	Nineteenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Soil and Types	Knowledge of soil classification and its importance	2	Twenty
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Climate and Climate Regions	Analysis of climatic patterns	2	Twenty first
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Water Resources and Sources	Knowledge of water sources in the continent of Australia	2	Twenty two

Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Natural plants and plant regions	Linking the plant to the environment	2	Twenty Three
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Indigenous and immigrant populations	Knowing the demographics of Australia	2	Twenty fourth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Population growth and distribution	Population Growth and Population Distribution Analysis	2	Twenty Fifth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Languages on the Continent	Knowledge of the linguistic diversity of the continent	2	Twenty-sixth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Agricultural Plant and Forestry Production	Analysis of Agriculture and its Importance to the Population	2	Twenty Seventh
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Agricultural Livestock and Pasture Production	Interpretation of the distribution of livestock	2	Twenty Eight
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Mining & Industry	Knowing the economic role in Australia	2	Twenty Ninth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Transport and Trade	Transportation and Trade Network Analysis	2	Thirty

11. Course Evaluation

Oral Tests

Written Tests

12. Learning and Teaching Resources

Required Textbooks (Methodology, if any)

- **Abdulqader Mustafa Al-Muhaishi et al., Geography of the African Continent and its Islands, Al-Dar Al-Jamhiriya, Misrata, 2000**
- **Gouda Hassanein Gouda, The Continent of Africa: Studies in Regional Geography, Dar Al-Maarifa University, Alexandria, 2000.**
- **Emad Mutair Al-Shammari, Regional Geography of the Continent of Australia, First Edition, Dar Safaa, Amman, 2016.**

Main References (Sources)

<p>- Mohamed Morsi Hariri, Geography of the African Continent, Dar Al-Maarifa University, Alexandria,</p> <p>- Mohamed Riad and Kawthar Abdel Rasool, Africa, Hindawi Foundation for Education and Culture, Cairo, 2012</p> <p>-Azad Mohammed Amin and Ali Hassan Al-Shalash, Regional Geography of Australia, Baghdad</p>	<p>Recommended books and references (scientific journals, reports...)</p>
<p>Websites</p>	<p>Electronic References, Websites</p>

Course Description Form

13. Course Name:	
Thematic Maps / Second Phase.	
14. Course Code:	
EG205	
15. Semester / Year :	
First and Second 2025–2026	
16. Date this description was prepared :	
17/9/2026	
17. Available Forms of Attendance:	
Built-in (Physical + Electronic)	
18. Number of Hours (Total) / Number of Units (Total):	
60 Hours / 2 Units	
19. Name of the course administrator (if more than one name mentions):	
Prof. Dr. Safir Jassim Hussain	
20. Course Objectives	
To provide students with the ability to transform geographical and statistical data into clear cartographic representations, and to understand Spatial relationships between different phenomena, and their analysis and interpretation in a way that supports decision-making in the environmental, economic, and urban fields.	Objectives of the course
21. Teaching and Learning Strategies	
A. Cognitive Objectives A1– Identify the concept of objective maps and their types (population, climate, economic...). A2– Understand the basics of designing the objective map such as symbols, colors, and scale. A3. Understanding the relationship between geographical data and their methods of representation. A4. Distinguish between different methods of representation (raster maps, color gradation, graphical columns on the map...). b. Skill objectives of the course.	Strategy

B1. Ability to draw and design thematic maps manually or using GIS software such as ArcGIS.

B2. Using statistical data and converting them into accurate cartographic representations.

B3– Reading the objective maps efficiently and interpreting their symbols.

B4. The use of remote sensing techniques and modern software in the production of maps.

C. Emotional and Values Goals

A1- Developing interest in cartography and its importance in understanding geographical phenomena.

C2. Enhancing scientific accuracy and honesty in data representation.

C3- Developing the aesthetic sense in designing maps (coordinating colors and symbols).

A4- Enhancing awareness of the importance of spatial information in solving environmental and development problems.

22. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral test	Lecture	Definition of thematic maps Classification of thematic maps	The student should be familiar with the concept of objective maps	2	The first
Cob	Discussion	Steps to view public content	Learn the steps of displaying public content	2	The second
Micro-learning	Dialogue	Views of private content	Learn the steps of viewing private content	2	The third
Writing a Summary	Collaborative Learning	Views of phenomena on thematic maps. 1- Specific Methods:	The student should understand the ways of presenting specific	2	Fourth

		- Non-quantitative (qualitative) cadastral maps	phenomena on maps		
Oral test	Brainstorming	-Non-quantitative map types - Methods of creating non-quantitative cadastral maps	The student should understand the types of qualitative maps and the methods of creating them	2	Fifth
Cob		- Quantitative methods: - - Point Maps	The student should understand the methods of displaying quantum phenomena in dots on maps.	2	Sixth
Micro-learning	Thought-Mate-Share Strategy	- Maps of Quantitative Cadastral Distribution (Corotable). - Equinox Maps	The student should understand the methods of displaying the quantitative phenomena of the color gradient on the maps.	2	Seventh
Writing a Summary	Lecture	Relative Symbols	Learn to draw relative symbols	2	Eighth
Oral test	Discussion	Cadastral Codes	Learn to draw cadastral symbols	2	Ninth
Cob	Dialogue	Volumetric Symbols	Learn to draw volumetric symbols	2	Tenth
Micro-learning	Collaborative Learning	- Evaluation of the method of relative symbols and their areas of application	The student should evaluate the method of relative symbols and their areas of application	2	Eleventh
Writing a Summary	Brainstorming	Graph Maps	The student should learn how to draw diagrams	2	XII
Oral test		- Flowline Maps (Motion Maps)	The student should learn how to map the	2	Thirteenth

			movement of the movement		
Cob	Thought-Mate-Share Strategy	Object Maps Labels - Geological Maps	The student should be familiar with the types of objective maps	2	Fourteenth
Micro-learning	Lecture	Geomorphological Maps	To understand how to draw geomorphological maps and their symbols.	2	Fifteenth
Writing a Summary	Discussion	Weather Maps	The student should understand how to draw weather maps and symbols	2	Sixteenth
Oral test	Dialogue	Population Maps	The student should be aware of the importance of population maps	2	Seventeenth
Cob	Collaborative Learning	Traditional Methods of Thematic Maps in GIS Software	The student should be familiar with the traditional methods of mapping with GIS programs.	2	Eighteenth
Micro-learning	Brainstorming	Advantages of technical methods in representing thematic maps		2	Nineteenth
Oral test	Thought-Mate-Share Strategy	Visual perception of objective maps	The student should be aware of the importance of visual perception in highlighting phenomena in objective maps	2	Twenty
Writing a Summary		Geographic Applications for Thematic Map Types	The student should learn how to use the software for mapping	2	Twenty first
Cob	Lecture	Generalization, coding, and exaggeration of maps	The student should know the	2	Twenty two

			characteristics of generalization and exaggeration in drawing phenomena on maps		
Micro-learning	Discussion	Cadastral Maps by Value	The student should be familiar with how to draw and use cartographic maps according to the value	2	Twenty Three
Writing a Summary	Dialogue	Accurate Cartographic Maps	The student should be familiar with how to draw and use accurate cartographic maps	2	Twenty fourth
Oral test	Collaborative Learning	Rectangular Cartographic Maps	The student should learn how to draw and use rectangular cartographic maps	2	Twenty Fifth
Cob	Brainstorming	Adjacent cartographic maps. Non-contiguous cartographic maps	The student should learn how to draw and use adjacent and non-adjacent cartographic maps	2	Twenty-sixth
Micro-learning		Dorling Cartographic Maps	The student should learn how to draw and use Dorling cartographic maps	2	Twenty Seventh
Writing a Summary	Thought-Mate-Share Strategy	Mosaic Cartographic Maps	The student should learn how to draw and use the cartographic	2	Twenty Eight

			maps of the Mazaik.		
Oral test	Lecture	Grid Maps - Nodal Maps	The student should be familiar with how to draw and use network and nodal cartochramal maps	2	Twenty Ninth
Written exam		Overview		2	Thirty

Course Rating:

Exam Results – Discussions and Session Management

23. Learning and Teaching Resources

Falah Shaker Aswad, Thematic Maps, Dar Al- Kutub for Printing and Publishing, University of Mosul, 1991.	Required Textbooks (Methodology, if any)
Mohamed Mohamed Satiha , Maps of Geographical Distributions , Cairo , 1972	Main References (Sources)
Samih Ahmed Mahmoud Odeh, Introduction to the Methods of Using Maps and the Methods of Their Artistic Origin, Amman, 1996.	Recommended books and references (scientific journals, reports...)
https://www.espatial.com/blog/thematic-map https://www.caliper.com/glossary/what-is-a-thematic-map.htm	Electronic References, Websites

Sample course description

24. Course Name	
Regional Geography of Eurasia	
25. Course Code	
EG204	
26. Semester/Year	
Annual / 2025 – 2026	
27. Date this description was prepared	
1/9/2025	
28. Available Forms of Attendance	
Presence	
29. Number of Hours (Total) / Number of Credits (Total)	
60 hours	
30. Course administrator name (if more than one name mentioned)	
Name: Eng. Dr. Saif Majeed Hussain Email: saif.majeed@mu.edu.iq	
31. Course Objectives	
<ul style="list-style-type: none"> Introduce students to the overall natural and human characteristics of Asia and Europe, and analyze their geographical regions, with a focus on natural resources, populations, cultures, and other economic resources. It also seeks to understand spatial relationships, environmental variation, and train students to analyze regional models and geographic problems in the largest continental mass 	Course Objectives
32. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <ol style="list-style-type: none"> Providing students with the comprehensive regional intellectual and geographical framework of the Eurasian continent (Europe and Asia combined). Introducing students to the natural geographical characteristics (topography, climate, natural resources, and energy sources) in the region. Studying population problems, economic activities, sustainable development, and vital projects for transport and dialogue in the continent. Raising the level of students in the cognitive, scientific, and mental aspects <p>b. Skill objectives of the course.</p> <ol style="list-style-type: none"> Acquiring the skills of the scientific researcher in studying the climatic and geographical elements of the continent. Preparing researchers specialized in the geography of Eurasia. The ability to analyze the problems facing students in learning the geography of Eurasia. Developing skills to increase the effectiveness of scientific and research achievement 	Strategy

<p>C. Emotional and Values Goals</p> <p>1- The student should appreciate the role of technology, or the role of Arab scientists, or realize the importance of Eurasia in life.</p> <p>2- The student should be inclined to study a certain topic, or be enthusiastic about solving assignments, or show interest in attending classes.</p> <p>3- The student must adhere to social values such as respect, cooperation, participation in activities, and listening during peer discussions.</p>	
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33. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Site and Area Characteristics	Enabling the student to know the astronomical and geographical location and the area of the continent	2	The first
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Geological Structure and Terrain	The student should understand how the continent formed and know the shapes of the surface.	2	The second
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Drainage/rivers with external drainage	The student should determine the water distribution and river patterns	2	The third
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Rivers with internal drainage	The student should know the rivers that flow into the closed lakes and seas	2	Fourth
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Climate and Climate Regions	Enable the student to know the quality of the prevailing climate and climatic regions	2	Fifth
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Soils in Asia	The student should know the importance and characteristics of the soil in the continent	2	Sixth

Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Vegetation and vegetation regions	The student should understand the geographical distribution of vegetation cover in the continent	2	Seventh
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Population Distribution and Density	Understanding the student of the population groups and the factors affecting their spread	2	Eighth
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Human Breeds	The student should distinguish between human breeds and their general characteristics	2	Ninth
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Geographical distribution of religions and nationalities	The student should get to know the most important religions and nationalities in the continent	2	Tenth
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Political units (Japan)	The student should be acquainted with the most important natural and human characteristics in Japan	2	Eleventh
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Water and Soil Resources of Japan	The student should understand the characteristics of rainfall and the types of soils that prevail.	2	XII
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Agriculture and Livestock	The student should be familiar with the patterns of agriculture and the characteristics of livestock.	2	Thirteenth
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Mineral Wealth	The student should understand the most important minerals and riches in Japan	2	Fourteenth

Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	First Semester Exam	Assessment of the level of drum comprehension	2	Fifteenth
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Site and Area Characteristics	The student should determine the geographical location and the characteristics associated with it and draw a map of the continent of Europe	2	Sixteenth
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Geological Structure and Topography	The student should understand geological factors and geological formations	2	Seventeenth
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Climate and Climate Regions	The student should distinguish between climatic regions and the amounts of precipitation	2	Eighteenth
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Water Resources and Sources	The student should be able to analyze water sources, upstream and downstream areas.	2	Nineteenth
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Soil and Types	The student should identify the characteristics of the soils spread across the continent	2	Twenty
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Natural plants and plant regions	To enumerate the types of plants and the characteristics of the plant regions	2	Twenty first
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Population growth and distribution	The student should be able to know how the population is growing and the direction of its distribution on the continent	2	Twenty two
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Religions and nationalities	That the student understands the most important religions and nationalities and	2	Twenty Three

			the reason for their distribution		
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Mineral Resources and European Industries	The student should distinguish between mineral wealth and knowing the level of industrial development.	2	Twenty fourth
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Political units (Italy)	The student should know the geographical and astronomical location of Italy and draw a map of it.	2	Twenty Fifth
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Water Resources and Soil	The student should identify the most important characteristics of rivers and soil ranges in Italy	2	Twenty-sixth
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Mineral Wealth	The student should compare the mineral resources	2	Twenty Seventh
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Agriculture and Livestock	The student should be familiar with the patterns of agriculture and the characteristics of livestock.	2	Twenty Eight
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	British Isles	The student should be introduced to the characteristics of the British Isles and draw a map of them	2	Twenty Ninth
Written, Oral and Performing Exam	Lecture, Interrogation and Discussion	Second Semester Exam	Assessing the level of student comprehension	2	Thirty

34. Course Evaluation

Distribution of the score out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc. etc.

Final Exam	Laboratories	Second month	First month	Semester
60	-	20	20	100

35. Learning and Teaching Resources

- Al-Samarrai, Ahmed Hassoun, The Geography of Eurasia: A Study in Regional Geography, 1991.	- The required prescribed books (methodology, if any)
- Mohamed Khamis Al-Zouka, Asia: A Study in Regional Geography, 2nd Edition, Dar Al-Maarifa University, Alexandria, 2000. - Ali Moussa, Muhammad Al-Hammadi, Geography of the Continents, Dar Al-Fikr, Damascus, 1997.	- Main References (Sources)
-International Journal of Geographic Information Systems, https://journals.sfu.ca/ijg/index.php/journal	- Recommended books and references (scientific journals, reports...)
/	Electronic References, Websites

Course Description Form

36. Course Name	
Applied Ground Surface Shapes	
37. Course Code	
EG203	
38. Semester/ Year	
Annual	
39. Date this description was prepared	
1/9/2025	
40. Available Forms of Attendance	
Weekly	
41. Number of Hours (Total) / Number of Credits (Total)	
60 hours	
42. Course administrator name (if more than one name mentioned)	
Prof. Dr. Sarhan Naeem Al-Khafaji	
43. Course Objectives	
1. Enable the student to learn about the concepts of applied geomorphology. 2- Knowledge of the methods of studying applied geomorphology 3- Enabling the student to know the methods and tools of field study 4- Identifying the shapes of the earth's surface by describing, analyzing and studying them quantitatively.	Course Objectives
44. Teaching and Learning Strategies	
A. Cognitive Objectives	Strategy
A1. Analytical understanding of geomorphological processes.	

A2- Historical interpretation (the development of land forms)
 A3- Study the relationship between the rock structure and the terrain.
 A4. Analysis, interpretation and confrontation of geomorphological hazards.

b. Skill objectives of the course.
 B1- The student should learn the skills of fieldwork and measurement
 B2. The student should learn cartographic and digital analysis
 B3. The student should learn laboratory analysis skills.

C. Emotional and Values Goals
 A1- The student should learn to be aware of geomorphological hazards.
 2. The student should learn geomorphological tourism.
 3- The student should learn scientific and professional honesty in geomorphology.

45. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	The concept of geomorphology, its definition, and research methods in the study of applied geomorphology	Knowledge of Applied Geomorphology	2	The first
Oral Testing	Lecture/Discussion	Determining the study area – GIS – providing field study supplies.	Learn about the study area and GIS	2	The second
Oral Testing	Lecture/Discussion	Rocks, their types, wear elements, and characteristics	Identify the origin of rocks and their types.	2	The third
Oral Testing	Lecture/Discussion	Soils and their Applied Significance	Soil Definition and Classification	2	Fourth
Oral Testing	Lecture/Discussion	Soil tissue measurements, soil triangle drawing	Identifying the characteristics of the soil	2	Fifth
Oral Testing	Lecture/Discussion	Slopes, their types, their problems	Definition of slopes, their types and problems	2	Sixth
Oral Testing	Lecture/Discussion	Falls, Slips, Falls	Recognizing slope problems	2	Seventh
Oral Testing	Lecture/Discussion	Soil Creep, Mudflow	Definition of Soil Problems	2	Eighth
Written Testing	Lecture/Discussion	Measuring slopes practically, drawing longitudinal sections of slopes	Learn about slope measurement	2	Ninth
Oral Testing	Lecture/Discussion	Weathering and its controls	Definition of weathering and its occurrence	2	Tenth
Oral Testing	Lecture/Discussion	Morphoclimatic regions	Definition of morphoclimatic regions	2	Eleventh

Oral Testing	Lecture/Discussion	Types and measurements of stripping	Identifying erosion and its types	2	XII
Oral Testing	Lecture/Discussion	Water erosion	Definition of water erosion	2	Thirteenth
Oral Testing	Lecture/Discussion	Wind erosion	Definition of wind erosion	2	Fourteenth
Oral Testing	Lecture/Discussion	Drainage Basin	Drainage Basin Recognition	2	Fifteenth
Written Testing		Drainage Network Characteristics	Definition of the characteristics of the drainage network and the factors affecting it	2	Sixteenth
Oral Testing	Lecture/Discussion	Floods and Methods of Controlling Them	Flood Recognition and Control	2	Seventeenth
Oral Testing	Lecture/Discussion	Measurement of water discharge, water load and its types	Identify the measurement of water discharge and the concept of water load and its types	2	Eighteenth
Oral Testing	Lecture/Discussion	The Role of Geomorphology in the Planning of Engineering Projects, Dams	Defining the Role of Geomorphology in the Planning of Engineering Projects	2	Nineteenth
Oral Testing	Lecture/Discussion	Water harvesting,	Awareness of water harvesting and utilization	2	Twenty
Oral Testing	Lecture/Discussion	Transportation Methods	Defining the Role of Geomorphology in Building Transport Routes	2	Twenty first
Oral Testing	Lecture/Discussion	Construction and Urbanization, Military Purposes	Identify the role of geomorphology in construction, urbanization and military purposes	2	Twenty two
Written Testing	Lecture/Discussion	The Role of Geomorphology in the Search for Natural Resources/Mineral Resources	Recognizing the Role of Geomorphology in the Search for Natural Resources	2	Twenty Three
Oral Testing	Lecture/Discussion	Groundwater	Definition of the Role of Geomorphology in Groundwater Search	2	Twenty fourth
Oral Testing	Lecture/Discussion	The Role of Geomorphology in the Assessment and Classification of Lands	Identifying the Role of Geomorphology in Land Assessment and Classification	2	Twenty Fifth
Oral Testing	Lecture/Discussion	Concept of Land Valuation Objectives	Identifying the Role of Geomorphology in Land Valuation	2	Twenty-sixth
Oral Testing	Lecture/Discussion	Applications on land classification	Identify some applications in land classification	2	Twenty Seventh
Oral Testing	Lecture/Discussion	Land Classification	Land Classification Recognition	2	Twenty Eight
Oral Testing	Lecture/Discussion	foreign schools	Identifying some foreign schools in geomorphology	2	Twenty Ninth
Written Testing		Arab School	Definition of some Arab schools in the	2	Thirty

			field geomorphology	of		
46. Course Evaluation						
Oral Tests						
Written Tests						
47. Learning and Teaching Resources						
Applied Geomorphology - Khalaf Al-Dulair 2012			Required Textbooks (Methodology, if any)			
Applied Geomorphology / Abdulelah Razouqi Karbel Origins of Geomorphology / Ahmed Abd El-Enein			Main References (Sources)			
Geomorphology - Sarhan Naeem Al-Khafa 2017 Geomorphology - Muhammad Sabri Mahssou 2002			Recommended books and references (scientific journals, reports...)			
			Electronic References, Websites			

Course Description Form

48. Course Name:	
Developmental Psychology	
49. Course Code	
EG212	
50. Semester/ Year	
Annual	
51. Date this description was prepared	
1/9/2025	
52. Available Forms of Attendance	
Weekly	
53. Number of Hours (Total) / Number of Credits (Total)	
60 hours	
54. Course administrator name (if more than one name mentioned)	
Ahmed Hassan Anonymous	
55. Course Objectives	
<ul style="list-style-type: none"> • Delivering the scientific material to the students' minds easily and easily so that it is easy for them to understand and comprehend it. • Helping students acquire specific information, knowledge, skills, and experiences on topics studied in developmental psychology • Helping students acquire values, ethical principles, attitudes, and tendencies that have a behavioral impact on their personality by making them aware of the laws, theories, aspects and stages of development. • Developing the student's abilities to express and write research and scientific reports, building his integrated personality on a sound basis, and refining his abilities to write 	<p>Course Objectives</p>

scientific research and reports in the field of developmental psychology.	
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56. Teaching and Learning Strategies

<p>A. Cognitive Objectives</p> <p>A1. Providing students with general facts and concepts about developmental psychology.</p> <p>A2- Expanding their mental horizons and increasing their experiences.</p> <p>A3- Developing their critical thinking and the ability to interpret and analyze.</p> <p>A4- The ability to explain the relationships between phenomena.</p> <p>b. Skill objectives of the course.</p> <p>B1- Providing students with scientific and intellectual skills and abilities that enable them to deal with Laws and Theories.</p> <p>B2. Developing their abilities in analyzing, interpreting and criticizing theories.</p> <p>B3. Developing their abilities in the use of learning aids</p> <p>B4. Enhancing the skill of research, investigation, and field research.</p> <p>C. Emotional and Values Goals</p> <p>A1- Promoting the feelings of love for the international material among students, and cooperation with others.</p>	Strategy
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57. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Beginnings of developmental psychology (its concept, definition of growth and its associated terminology)		2	The first
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	The Importance of Studying Developmental		2	The second

		Psychology and Its Goals			
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Theories of Developmental Psychology (Freud's Psychosexual Theory)		2	The third
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	John Piaget's Theory of Cognitive Development		2	Fourth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Kohlberg's Moral Growth Theory		2	Fifth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	The theory of developmental psychology is the social self of Ericsson		2	Sixth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Beginning of Semester Exam		2	Seventh
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Giselle's Theory of Growth Through Maturity		2	Eighth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Maslow's Pyramid of Things Theory		2	Ninth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Research Methods in Human Development (Definition of Methodology, Methods of Information Collection) in developmental psychology)		2	Tenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Descriptive Method (Definition, Characteristics, Tools, Advantages, Disadvantages)		2	Eleventh

Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Experimental Method (Definition, Characteristics, Advantages, Disadvantages)		2	XII
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	The relational approach (its definition, characteristics, advantages, disadvantages)		2	Thirteenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Clinical Gamble (Definition, Characteristics, Advantages, Disadvantages)		2	Fourteenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Exam at the end of the first semester		2	Fifteenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Growth Laws and Principles		2	Sixteenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Factors Affecting Growth		2	Seventeenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Requirements and stages of development (prenatal, neonatal)		2	Eighteenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Cradle stage		2	Nineteenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Early Childhood (2-5) Years		2	Twenty
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Middle Childhood (6-9) Years		2	Twenty first
Written, Oral and	Lecture, questioning,	Second Semester Beginning Exam		2	Twenty two

Performing Exam	discussion and dialogue				
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Late Childhood (9-12) years		2	Twenty Three
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Early Adolescence (12-20) years		2	Twenty fourth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Manifestations of growth (physical growth + mental development)		2	Twenty Fifth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Emotional growth + social growth		2	Twenty-sixth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Language Development + Physiological Development		2	Twenty Seventh
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Motor Development + Sensory Development		2	Twenty Eight
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Social Growth + Religious Growth		2	Twenty Ninth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Final Exam for the Academic Year		2	Thirty

58. Course Evaluation

Oral Tests
Written Tests

59. Learning and Teaching Resources

1 Ministerial Curriculum	Required Textbooks (Methodology, if any)
2, Ahmed Abdullatif Abu Asaad, Sami Mohsen Al-Khatatneh, Growth Psychology, 1st Edition, Debono Publishing and Distribution House, Amman, Jordan, 2010.	Main References (Sources)
	Recommended books and references (scientific journals, reports...)

Course Description Form

60. Course Name	
Islamic History	
61. Course Code	
EG211	
62. Semester/ Year	
Annual	
63. Date this description was prepared	
1/9/2025	
64. Available Forms of Attendance	
Weekly	
65. Number of Hours (Total) / Number of Credits (Total)	
Two hours	
66. Course administrator name (if more than one name mentioned)	
Assoc. Prof. Dr. Ali Ibrahim Mohamed	
67. Course Objectives	
<p>The relentless endeavor through this article to convey the pressures that the Islamic call went through in the Arabian Peninsula until the emergence and spread of Islam with an explanation of the most important events through which the Holy Prophet reaped the victory that enabled him to impose his control over the Arabian Peninsula and the countries that welcomed the teachings of the Islamic religion.</p>	<p>Objectives of the Islamic History Course</p>
68. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p>1- Conveying a clear picture to students about the history of the Islamic call</p> <p>2- Knowledge of the geographical environment of the Arabian Peninsula society</p> <p>3- Knowing the beginnings of the emergence of the Islamic c</p>	<p>Strategy</p>

b. Skill objectives of the course.

This course description provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the student to achieve and demonstrate whether he has made the most of the available learning opportunities. It is necessary to link them to the description of the program and measure the extent to which the student's skills have been achieved and accomplished

C. Emotional and Values Goals

- 1 - Identifying the most important reasons for the opposition by the Al Jazeera community to the Islamic Da'wah
- 2- Identify the most important roles that the Islamic call went through, whether in the years of the mission or in the years after the Hijrah
- 3- Knowing the most important contributing factors that contributed to the continuation of the Islamic call

69. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	Geography and conditions of the Arabian Peninsula before the advent of Islam	Knowledge of the general geography of the area called the Arabian Peninsula	2	The first
Oral Testing	Lecture/Discussion	Monotheistic Religions in the Arabian Peninsula Before the Emergence of Islam (Judaism))	Identify the most important religions that emerged in the Arabian Peninsula, especially Judaism	2	The second
Oral Testing	Lecture/Discussion	The Divine Religions in the Arabian Peninsula Before the Emergence of Islam ((Christianity))	Identify the most important religions that emerged in the Arabian Peninsula, especially Christianity	2	The third
Oral Testing	Lecture/Discussion	Positivist religions in the Arabian Peninsula	Presentation of the most important positivist religions that emerged in the Arabian Peninsula	2	Fourth

Oral Testing	Lecture/Discussion	The birth of the Holy Prophet and the story of his breastfeeding	Explanation of the circumstances in which the Holy Prophet appeared	2	Fifth
Oral Testing	Lecture/Discussion	The Beginnings of the Islamic Dawa	The Launch of the Islamic Call in the Light of the Rejectionist Society	2	Sixth
Oral Testing	Lecture/Discussion	The public call and the development of the Quraish's reactions towards it	The launch of the call to the public and know the most important reactions of the objectors	2	Seventh
Oral Testing	Lecture/Discussion	Spreading the call and the first and second migration to Abyssinia	The spread of the call outside the borders of Mecca and knowing the reactions of the objectors	2	Eighth
Written Testing	Lecture/Discussion	The pledge of allegiance to the first and second obstacle	Explaining what the first and second obstacle pledges contained, focusing on the most important lessons and lessons that were achieved from this	2	Ninth
Oral Testing	Lecture/Discussion	Isra'a, Mi'raj, and the Prophet's book to Taif	Showing the most important reactions that appeared from Bani Hashim and the rest of the objectors in light of incidents that are not in harmony with logic, reason and science	2	Tenth
Oral Testing	Lecture/Discussion	The Prophet's Migration to Yathrib	The Prophet traveled outside Mecca and took Medina as his starting point	2	Eleventh
Oral Testing	Lecture/Discussion	(Madinah)	The importance of Medina for Muslims as a base with important pillars for the emergence of their call and its universality	2	XII
Oral Testing	Lecture/Discussion	The arrival of the Holy Prophet in Yathrib	The entry of the Holy Prophet to Yathrib and the explanation of what the Prophet achieved from that migration	2	Thirteenth
Oral Testing	Lecture/Discussion	Events of the second year of the Prophet's migration	Focus on the most important events that took place that year	2	Fourteenth
Oral Testing	Lecture/Discussion	The Battle of Badr and the Marriage of Lady Fatima Al-Zahra / Events of the Third Year / The	Statement of what was achieved by the Battle of Badr and the marriage of Lady Ghatma al-Zahra	2	Fifteenth

		Battle of Uhud and the Battle of Hamra Al-Assad			
Written Testing				2	Sixteenth
Oral Testing	Lecture/Discussion	The events of the fourth year // The negative results of the battle of Uhud, the invasion of Bani al-Nadir, the battle of Dhu al-Riqa, and the prohibition of alcohol	Explaining the role played by Jews in the city and focusing on how they played a destructive role in the new call	2	Seventeenth
Oral Testing	Lecture/Discussion	The events of the fifth year of the Hijrah // The Battle of Dumat al-Jandal and the Battle of the parties and the factors of the division of the parties and the battle of Bani Qurayza	Focusing on the most important invasions through which the Holy Prophet wanted to break the thorn of the Jews and polytheists in the Arabian Peninsula	2	Eighteenth
Oral Testing	Lecture/Discussion	The events of the sixth year of the Hijrah / The most important actions of the Prophet with the Jews and the events of the Battle of Al-Mustaliq	Statement of the most important decisions taken by the Prophet against the Jews and supporting the presence of Muslims in Madinah	2	Nineteenth
Oral Testing	Lecture/Discussion	The story of Al-Afek in Islam and the role of the incorrect historical narrative in distorting the image of the Prophet	Explaining how the issue of al-Afak in Islam has had a destructive role in light of narratives that are not based on the truth but rather avoid it in general	2	Twenty
Oral Testing	Lecture/Discussion	The events of the seventh year of the Hijrah and the announcement of the Holy Prophet (PBUH) worldwide	Statement of the Prophet's achievement and his declaration globally in order to increase support	2	Twenty first
Oral Testing	Lecture/Discussion	The events of the eighth year, the events of the battle of Mutah, the conquest of Mecca, the battle of Taif, and the battle of Hunayn.	Statement of the return of the Holy Prophet to the first place of the launch of his call after focusing on the importance of the conquest of Mecca as the source of the first launch and because of its religious and political weight	2	Twenty two
Written Testing	Lecture/Discussion	Continuation of the vocabulary of the previous lecture	=====	2	Twenty Three

Oral Testing	Lecture/Discussion	Year of delegations and demolition of idols	Explaining the importance of the arrival of Arab tribes that were opposed to the Islamic religion	2	Twenty fourth
Oral Testing	Lecture/Discussion	Events of the Ninth Year / Declaration of Innocence from the Polytheists	Declaration of innocence of those who objected and were hostile to the Holy Prophet Muhammad	2	Twenty Fifth
Oral Testing	Lecture/Discussion	The events of the tenth year / The delegation of Najran and Al-Mubahala / The Farewell Argument /	The Farewell Argument with a statement of the most important lessons and values that the Holy Prophet demanded in that argument	2	Twenty-sixth
Oral Testing	Lecture/Discussion	Dealing with apostates	Wars of Apostasy and Ways of Dealing with Those Who Apostatized from the Islamic Religion after the Death of the Noble Prophet	2	Twenty Seventh
Oral Testing	Lecture/Discussion	The Prophet's Illness / The Last Moments of the Prophet's Life	The illness of the Prophet Muhammad and the explanation of how to deal with it from some close people	2	Twenty Eight
Oral Testing	Lecture/Discussion	The Role of the Companions in Confronting the Apostates And the position of the Muslim Arabs towards the caliphate after the prophet	The role and statement of the most important who confronted the apostates after the death of the Holy Prophet	2	Twenty Ninth
Written Testing				2	Thirty

70. Course Evaluation

Oral Exams / Taking More Than Seventeen Tests

Written Tests Conducting three tests

71. Learning and Teaching Resources

	Required Textbooks (Methodology, if any)
1- Muhammad Abd al-Ma bin Hisham - The Biography of the Prophet by Ibn Hisham / Part 1 Part 2	Main References (Sources)
1- Ja'far Al-Subhani, T Muhammadan Biography:	Recommended books and references (scientific journals, reports...) Making two reports

Analytical Study of Muhammadan Biography	
	Electronic References, Websites

Course Description Form

72. Course Name	
Applied Climate	
73. Course Code	
EG202	
74. Semester/ Year	
Annual	
75. Date this description was prepared	
1/9/2025	
76. Available Forms of Attendance	
Weekly	
77. Number of Hours (Total) / Number of Credits (Total)	
60 hours	
78. Name of the course administrator (Dr. Rafid Abdul Nabi Al-Saegh)	
Assoc. Prof. Dr. Mustafa Falah Obeid	
79. Course Objectives	
<p>The aim of this course is to enable students of the Department of Geography to understand and analyze the elements of climate and the processes associated with them in detail, by studying the theoretical and applied foundations of climatology, in a way that contributes to the interpretation of the spatial and temporal variation of climatic phenomena. The course also focuses on developing students' ability to use and analyze climate data, linking it to the natural environment and human activities, in addition to enhancing awareness of contemporary climate issues such as climate change and weather extremes, in order to support their research and applied skills in the geographical field.</p>	Course Objectives
80. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p style="padding-left: 20px;">A1- Understanding that the student understands the concept of climate applied to the various human activities such as agriculture, industry, transportation, etc.</p> <p style="padding-left: 20px;">A2. Remembering the basic principles of applied climate</p> <p style="padding-left: 20px;">A3- Knowledge of the branches of applied climate, methods of climate analysis and measurement methods</p> <p>b. Skill objectives of the course.</p>	Strategy

B1- Manual skills through learning about drought equation hydroclimatic balance, heat and humidity guide, and wind cooling guide
 B2- Technical skills through the use of devices in field monitoring devices Heat, humidity, wind, evaporation
 B3- Skills of highlighting the importance of the applied climate in human life
 B4-
 C. Emotional and Values Goals
 A1- Self-awareness, emotion control, self-motivation and social skills

81. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	The concept of applied climate and its development	The student should know the concept of detailed climate and show its importance in explaining climate variations at the local level.	2	The first
Oral Testing	Lecture/Discussion	The development of the applied climate at the hands of Arabs and Europeans	The student should explain the factors controlling the detailed climate and analyze the role of each of them in shaping local climatic characteristics.	2	The second
Oral Testing	Lecture/Discussion	The Contribution of Arab Geographers to the Development of Applied Climatology	The student should clarify the concept of radiological balancing and analyze its role in regulating thermal energy on the earth's surface	2	The third
Oral Testing	Lecture/Discussion	Sections of Climatology and Climate Analysis Methods	The student should explain the concept of thermal balance and analyze its role in the distribution of heat energy between the	2	Fourth

			earth's surface and the atmosphere.		
Oral Testing	Lecture/Discussion	Importance of studying climatology	The student should explain the role of solar radiation in determining the characteristics of the detailed climate and analyze its impact on local climatic variations.	2	Fifth
Oral Testing	Lecture/Discussion	The concept of climatic stations, their types and conditions of establishment	The student should explain the role of soil moisture in influencing detailed climate characteristics and analyze its implications on local climatic variations.	2	Sixth
Oral Testing	Lecture/Discussion	The Concept of Weather Forecasting and Types	The student should explain the role of soil air temperature in shaping detailed climate characteristics and analyze its impact on local climatic variations.	2	Seventh
Oral Testing	Lecture/Discussion	Reasons for inaccurate weather forecasts	The student should explain the role of wind and rain in shaping detailed climate characteristics and analyze their impact on local climatic variations.	2	Eighth
Written Testing	Lecture/Discussion	Devices used in applied climate studies	The student should clarify the concept of the detailed climate of the soil and analyze its characteristics and its relationship to the surrounding climatic and environmental factors.	2	Ninth
Oral Testing	Lecture/Discussion	The Evolution of Overhead Monitors	The student should explain the temperature of the soil and its sources	2	Tenth

			and analyze the factors affecting its variation within the detailed climate.		
Oral Testing	Lecture/Discussion	Evaporation Transpiration and Climate Evaporation and Methods of Measurement	The student should explain the methods of heat transfer in the soil and analyze its role in regulating the heat distribution within the detailed climate of the soil.	2	Eleventh
Oral Testing	Lecture/Discussion	The concept of drought, its types, and methods of measurement	The student should interpret the distribution of soil temperature and analyze its patterns of variation spatially and temporally within the detailed soil climate	2	XII
Oral Testing	Lecture/Discussion	Methods of measuring solar radiation	The student should clarify the concept of soil water and analyze its role in influencing the climatic and thermal characteristics within the detailed climate of the soil.	2	Thirteenth
Oral Testing	Lecture/Discussion	The concept of the hydroclimatic budget, its elements and methods of measurement	The student should interpret the soil air and analyze its components and its role in influencing the climatic and environmental characteristics of the soil within the detailed climate	2	Fourteenth
Oral Testing	Lecture/Discussion	First Semester Exam	The student should explain the radiological balance of sand deserts and analyze the mechanisms of heat energy exchange and its	2	Fifteenth

			reflection on the characteristics of the desert climate.		
Written Testing		The concept of climatic classifications and its conditions	The student should explain how snow and ice form and the unique physical properties of snow and analyze their impact on climatic processes in cold environments.	2	Sixteenth
Oral Testing	Lecture/Discussion	Fundamentalist classifications: the Koppen classification and the ancient Greek classification	The student should interpret the radiative balance of snow surfaces and analyze the role of the high reflectivity of snow in regulating thermal energy in cold environments.	2	Seventeenth
Oral Testing	Lecture/Discussion	Modern Classifications: The Concept of Holder's Classification and Its Equations	The student should explain the climatic characteristics of snow and analyze its effect on regulating the elements of the climate in cold environments.	2	Eighteenth
Oral Testing	Lecture/Discussion	Human Classifications Heat and Humidity Guide and Wind Cooling Guide	The student should explain the detailed climate of the coastal areas and analyze its characteristics and its relationship to the effects of the sea on the local climate elements	2	Nineteenth
Oral Testing	Lecture/Discussion	The relationship between climate and agriculture Growing crops	The student explains the effect of water bodies on atmospheric pressure, wind, air humidity, clouds, and precipitation, and analyzes their role in shaping the detailed	2	Twenty

			climate of the surrounding areas.		
Oral Testing	Lecture/Discussion	The relationship between climate and animal husbandry	The student should explain the detailed climate of the forest and analyze its characteristics and its relationship to vegetation cover and its impact on local climate elements.	2	Twenty first
Oral Testing	Lecture/Discussion	Climate-industry relationship	The student should explain the impact of forests on soil temperature, air temperature, atmospheric pressure, and humidity and analyze their role in shaping the detailed climate of forest environments.	2	Twenty two
Written Testing	Lecture/Discussion	The relationship between climate and tourism	The student should explain the impact of forests on condensation and precipitation and analyze their role in enhancing cloud formation processes and increasing precipitation rates within the detailed climate.	2	Twenty Three
Oral Testing	Lecture/Discussion	The relationship of climate to land, sea and air transport	The student should interpret the detailed climate of field crops and analyze the impact of local climate elements on the growth and productivity of crops	2	Twenty fourth
Oral Testing	Lecture/Discussion	The Relationship of Climate to Military Operations	The student should explain the effect of field crops on air temperature, soil temperature, wind, and soil moisture and	2	Twenty Fifth

			analyze their role in modifying local climatic characteristics.		
Oral Testing	Lecture/Discussion	The relationship between climate and public health	The student should explain the effect of field crops on evaporation and atmospheric humidity and analyze their role in regulating the local water and climatic balance.	2	Twenty-sixth
Oral Testing	Lecture/Discussion	The relationship between climate and housing design	The student should explain the detailed climate of wind reserves, analyze their characteristics and their role in modifying local climate elements and reducing wind effects.	2	Twenty Seventh
Oral Testing	Lecture/Discussion	The relationship between climate and energy sources	The student should explain the effect of windbreaks on solar radiation, soil heat, and air temperature, and analyze their role in modifying local climatic conditions.	2	Twenty Eight
Oral Testing	Lecture/Discussion	The difference in the local climate between the city and the neighboring countryside	The student should explain the effect of windbreaks on evaporation, moisture, and condensation and analyze their role in modifying the water balance and local climate elements.	2	Twenty Ninth
Written Testing		Second Semester Exam	The student should know the concept of detailed climate and show its importance in explaining climate variations at the local level.	2	Thirty

82. Course Evaluation	
Oral Tests Written Tests	
83. Learning and Teaching Resources	
Applied Climate, Qusay Abd Majeed Al-Samarrai, 1st Edition, Dar Al-Yazouri, Jordan, 2008	Required Textbooks (Methodology, if any)
Applied Climatology, Ali Sahib Moussawi and Abdul Hass Madfoun, Dar Al-Diaa, Najaf Ashraf, 2011	Main References (Sources)
Applied Climate, Salam Al-Jubo Phone, Baghdad University Press	Recommended books and references (scientific journals, reports...)
	Electronic References, Websites

Course Description Form

84. Course Name	
Baath Party Crimes	
85. Course Code	
EG215	
86. Semester/ Year	
Annual	
87. Date this description was prepared	
1/9/2025	
88. Available Forms of Attendance	
Weekly	
89. Number of Hours (Total) / Number of Credits (Total)	
30 hours	
90. Course administrator name (if more than one name mentioned)	
Prof. Dr. Thuraya Ali Jabbar	
91. Course Objectives	
•	Course Objectives
92. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p>A1- Identifying the origin of the Baath Party and its historical development in Iraq.</p> <p>A2. Clarify the nature of the crimes and violations committed by the regime against the people.</p> <p>A3. Analysis of repressive policies and their impact on Iraqi society.</p> <p>A4. Understand international laws related to genocide crimes and human rights. A4-</p> <p>b. Skill objectives of the course.</p> <p>B1. Developing the students' ability to analyze historical events scientifically.</p> <p>B2. Enhance the skill of research and gathering information from reliable sources.</p> <p>B3. Training students to write reports and studies on crimes and violations.</p> <p>B4. Developing the skills of criticism and comparison between different political systems. B4-</p> <p>C. Emotional and Values Goals</p>	<p>Strategy</p>

A1- Enhancing the sense of responsibility towards the preservation of historical memory.
 A2- Consolidating the values of justice and rejecting injustice and tyranny.
 C3- Developing a spirit of empathy for the victims of violations.
 A4- Promoting national belonging and commitment to human rights.

93. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	<input type="checkbox"/> Introduction to the course and its importance	Knowledge and Understanding	1	The first
Oral Testing	Lecture/Discussion	Definition of Political Crime and Human Rights	Mental Skills	1	The second
Oral Testing	Lecture/Discussion	<input type="checkbox"/> The Origin of the Baath Party and its Ideology	: Practical (Professional) Skills	1	The third
Oral Testing	Lecture/Discussion	<input type="checkbox"/> The development of the party in Iraq	General Skills (Transferable)	1	Fourth
Oral Testing	Lecture/Discussion	Taking power in Iraq (1968)	Knowledge and Understanding	1	Fifth
Oral Testing	Lecture/Discussion	The nature of the political system and its security apparatus	Mental Skills	1	Sixth
Oral Testing	Lecture/Discussion	<input type="checkbox"/> Political repression and arbitrary arrests	: Practical (Professional) Skills	1	Seventh
Oral Testing	Lecture/Discussion	<input type="checkbox"/> Methods of torture and abuse inside prisons	General Skills (Transferable)	1	Eighth
Written Testing	Lecture/Discussion	<input type="checkbox"/> Genocide crimes	Knowledge and Understanding	1	Ninth
Oral Testing	Lecture/Discussion	<input type="checkbox"/> Case Study: Anfal Campaign	Mental Skills	1	Tenth
Oral Testing	Lecture/Discussion	<input type="checkbox"/> Use of prohibited weapons	: Practical (Professional) Skills	1	Eleventh
Oral Testing	Lecture/Discussion	<input type="checkbox"/> Case study: Shelling of Halabja	General Skills (Transferable)	1	XII
Oral Testing	Lecture/Discussion	<input type="checkbox"/> Forced displacement and demographic change	Knowledge and Understanding	1	Thirteenth
Oral Testing	Lecture/Discussion	<input type="checkbox"/> Policies of Ethnic and Sectarian Exclusion	Mental Skills	1	Fourteenth

Oral Testing	Lecture/Discussion	War crimes during the Iran-Iraq War	: Practical (Professional) Skills	1	Fifteenth
Written Testing		First Month Exam	General Skills (Transferable)	1	Sixteenth
Oral Testing	Lecture/Discussion	War crimes during the Iran-Iraq War	Knowledge and Understanding	1	Seventeenth
Oral Testing	Lecture/Discussion	The Invasion of Kuwait and its Humanitarian and Legal Consequences	Mental Skills	1	Eighteenth
Oral Testing	Lecture/Discussion	Suppression of popular uprisings (1991)	: Practical (Professional) Skills	1	Nineteenth
Oral Testing	Lecture/Discussion	Prisons and detention centers (e.g. Abu Ghraib and Naqrat al-Salman)	General Skills (Transferable)	1	Twenty
Oral Testing	Lecture/Discussion	Mass Graves and Their Discovery After 2003	Knowledge and Understanding	1	Twenty first
Oral Testing	Lecture/Discussion	<input type="checkbox"/> International and national trials of regime symbols	Mental Skills	1	Twenty two
Written Testing	Lecture/Discussion	<input type="checkbox"/> Legal study of crimes committed	: Practical (Professional) Skills	1	Twenty Three
Oral Testing	Lecture/Discussion	The Role of International Organizations in Documenting Crimes	General Skills (Transferable)	1	Twenty fourth
Oral Testing	Lecture/Discussion	Transitional Justice and National Reconciliation	Knowledge and Understanding	1	Twenty Fifth
Oral Testing	Lecture/Discussion	Oil well explosion	Mental Skills	1	Twenty-sixth
Oral Testing	Lecture/Discussion	Scorched Earth Policy	: Practical (Professional) Skills	1	Twenty Seventh
Oral Testing	Lecture/Discussion	Draining the marshes	General Skills (Transferable)	1	Twenty Eight
Oral Testing	Lecture/Discussion	Environmental Impacts Committed by the Baath Party	Knowledge and Understanding	1	Twenty Ninth
Written Testing		Second Month Exam	Mental Skills	1	Thirty

94. Course Evaluation

Oral Tests

Written Tests Yes

95. Learning and Teaching Resources

Course prepared by the Ministry of Higher Education and Scientific Research	Required Textbooks (Methodology, if any)
A unified course for public and private universities issued by the Ministry	Main References (Sources)
None	Recommended books and references (scientific journals, reports...)

None	Electronic References, Websites
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Course Description Form

96. Course Name	
Arabic Language	
97. Course Code	
EG216	
98. Semester/ Year	
Annual	
99. Date this description was prepared	
1/9/2025	
100. Available Forms of Attendance	
Weekly	
101. Number of Hours (Total) / Number of Credits (Total)	
30 hours	
102. Course administrator name (if more than one name mentioned)	
Prof. Dr. Najeh Jaber Jakhyour	
103. Course Objectives	
•	Course Objectives
104. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p style="margin-left: 20px;">A1- Recognition of subordinates, affection and affirmation</p> <p style="margin-left: 20px;">A2- Mastery of the use of the swings, substitutions and case</p> <p style="margin-left: 20px;">A3- Distinction is the house of words that are forbidden from conjugation.</p> <p style="margin-left: 20px;">A4- Analysis of prose and poetic texts</p> <p>b. Skill objectives of the course.</p> <p style="margin-left: 20px;">B1- Ability to express the topics of the course</p> <p style="margin-left: 20px;">B2. Use of the semantics of the course in the speech</p> <p style="margin-left: 20px;">B3- Correcting linguistic errors in relation to the study topic</p> <p style="margin-left: 20px;">B4- Maintaining linguistic dictation</p> <p>C. Emotional and Values Goals</p> <p style="margin-left: 20px;">A1- Love of language and interaction with it is a means of practical life in the future labor market</p>	Strategy
105. Course Structure	

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	Rules (Dependencies)		1	The first
Oral Testing	Lecture/Discussion	Rules (Dependencies)		1	The second
Oral Testing	Lecture/Discussion	Adjective (adjective)		1	The third
Oral Testing	Lecture/Discussion	Adjective (adjective)		1	Fourth
Oral Testing	Lecture/Discussion	Allowance		1	Fifth
Oral Testing	Lecture/Discussion	First Month Exam		1	Sixth
Oral Testing	Lecture/Discussion	Situation		1	Seventh
Oral Testing	Lecture/Discussion	Discrimination		1	Eighth
Written Testing	Lecture/Discussion	Ibn Zaydun's poem		1	Ninth
Oral Testing	Lecture/Discussion	Solar and Lunar Lam		1	Tenth
Oral Testing	Lecture/Discussion	Dictation (Tanween)		1	Eleventh
Oral Testing	Lecture/Discussion	Reading a prose text (Nahj al-Balagha)		1	XII
Oral Testing	Lecture/Discussion	Interrogation		1	Thirteenth
Oral Testing	Lecture/Discussion	Exception		1	Fourteenth
Oral Testing	Lecture/Discussion	The call		1	Fifteenth
Written Testing		Surah Al-Kahf Analysis		1	Sixteenth
Oral Testing	Lecture/Discussion	Surah Al-Kahf Analysis		1	Seventeenth
Oral Testing	Lecture/Discussion	Second Month Test		1	Eighteenth
Oral Testing	Lecture/Discussion	Al-Jawahiri's poem (I believed in Hussein)		1	Nineteenth
Oral Testing	Lecture/Discussion	The Life of Al-Kumait and a poem (Tarab		1	Twenty
Oral Testing	Lecture/Discussion	Compassion		1	Twenty first
Oral Testing	Lecture/Discussion	Compassion		1	Twenty two
Written Testing	Lecture/Discussion	Confirmation		1	Twenty Three
Oral Testing	Lecture/Discussion	Rules (Dependencies)		1	Twenty fourth
Oral Testing	Lecture/Discussion	Rules (Dependencies)		1	Twenty Fifth
Oral Testing	Lecture/Discussion	Adjective (adjective)		1	Twenty-sixth
Oral Testing	Lecture/Discussion	Adjective (adjective)		1	Twenty Seventh
Oral Testing	Lecture/Discussion	Allowance		1	Twenty Eight
Oral Testing	Lecture/Discussion	First Month Exam		1	Twenty Ninth
Written Testing		Situation		1	Thirty
106. Course Evaluation					
Oral Tests					
Written Tests					
107. Learning and Teaching Resources					
			Required Textbooks (Methodology, if any)		
Arabic Language for Non-Specialization Departments			Main References (Sources)		

The booklet lectures in Arabic	Recommended books and references (scientific journals, reports...)
	Electronic References, Websites

Course Description Form

108. Course Name	
Hydrology	
109. Course Code	
EG208	
110. Semester/ Year 2025. 2026	
Annual	
111. Date this description was prepared	
1/9/2025	
112. Available Forms of Attendance	
Weekly	
113. Number of Hours (Total) / Number of Credits (Total)	
Hour	
114. Course administrator name (if more than one name mentioned)	
Prof. Dr. Adnan Odeh Falih	
115. Course Objectives	
•	Course Objectives
116. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p>A1- Making students familiar with the subjects of this specialization and hydrology in particular.</p> <p>A2. Identify the problems surrounding water resources and wa to address them.</p> <p style="padding-left: 20px;">A3. Urge students to be inspired by the importance of water resources as natural resources that should be preserved</p> <p style="padding-left: 20px;">A4- Knowing the economic returns that water resources add to the state</p> <p>b. Skill objectives of the course.</p> <p style="padding-left: 20px;">B1- Keeping pace with the scientific progress made by countries in line with water resources</p> <p style="padding-left: 20px;">B2- Harnessing all material and moral capabilities in order to raise the scientific efficiency of students through seminars, trips and university outputs.</p> <p style="padding-left: 20px;">B3. Interest in related research and studies</p>	<p>Strategy</p>

B4. Raising the efficiency of university educational institutions and institutes through the development of laboratories and related scientific devices

C. Emotional and Values Goals

A1- Urging and guiding students to understand that water resources are natural resources for the country and must be preserved.

2. Directing students' attention to pay attention to water resources and increasing their efficiency through their versatility

117. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	Toilet in Nature		2	The first
Oral Testing	Lecture/Discussion	Fall and its importance		2	The second
Oral Testing	Lecture/Discussion	Surface Water		2	The third
Oral Testing	Lecture/Discussion	Seawater Properties		2	Fourth
Oral Testing	Lecture/Discussion	Areas of the seas and oceans		2	Fifth
Oral Testing	Lecture/Discussion	The riches of the seas		2	Sixth
Oral Testing	Lecture/Discussion	Marine currents		2	Seventh
Oral Testing	Lecture/Discussion	Maritime Transport		2	Eighth
Written Testing	Lecture/Discussion	Seabed Morphology		2	Ninth
Oral Testing	Lecture/Discussion	Marine Minerals		2	Tenth
Oral Testing	Lecture/Discussion	Nile Rivers		2	Eleventh
Oral Testing	Lecture/Discussion	Mekong and Amazon		2	XII
Oral Testing	Lecture/Discussion	Danube and Huangpu		2	Thirteenth
Oral Testing	Lecture/Discussion	Groundwater		2	Fourteenth
Oral Testing	Lecture/Discussion	Esoteric Water		2	Fifteenth
Written Testing		Vertical distribution of marine currents		2	Sixteenth
Oral Testing	Lecture/Discussion	River drainage patterns		2	Seventeenth
Oral Testing	Lecture/Discussion	Water pollution		2	Eighteenth
Oral Testing	Lecture/Discussion	Water receding		2	Nineteenth
Oral Testing	Lecture/Discussion	Reservoir Dams		2	Twenty
Oral Testing	Lecture/Discussion	Evaporation		2	Twenty first
Oral Testing	Lecture/Discussion	Physical properties of marine water		2	Twenty two
Written Testing	Lecture/Discussion	Chemical properties of marine water		2	Twenty Three
Oral Testing	Lecture/Discussion	Nature of the coasts		2	Twenty fourth
Oral Testing	Lecture/Discussion	Offshore Islands		2	Twenty Fifth

Oral Testing	Lecture/Discussion	Sea lanes		2	Twenty-sixth
Oral Testing	Lecture/Discussion	Navigational channels		2	Twenty Seventh
Oral Testing	Lecture/Discussion	Lakes		2	Twenty Eight
Oral Testing	Lecture/Discussion	Marshes		2	Twenty Ninth
Written Testing		Tides		2	Thirty

118. Course Evaluation

Oral Tests
Written Tests

119. Learning and Teaching Resources

Hydrology Dr. Mahdi Al-Sahaf	Required Textbooks (Methodology, if any)
Miscellaneous lectures prepared by the professor of the subject	Main References (Sources)
Internet	Recommended books and references (scientific journals, reports...)
	Electronic References, Websites

Course Description Form

120. Course Name	
Oil & Energy	
121. Course Code	
EG209	
122. Semester/ Year	
Annual	
123. Date this description was prepared	
1/9/2025	
124. Available Forms of Attendance	
Weekly	
125. Number of Hours (Total) / Number of Credits (Total)	
60 hours	
126. Course administrator name (if more than one name mentioned)	
Assoc. Prof. Dr. Jassim and Hawah Shati	
127. Course Objectives	
<p>– To learn about the scientific theories that explain the emergence of oil, natural gas and other energy sources.</p> <p>Iron the concentration of oil and gas fields in the world, and understand the geological and geographical reasons for this distribution.</p> <p>Understanding the processes that energy undergoes, from exploration and exploration, through production and refining, to transportation and marketing.</p> <p>Preparing a generation that understands that energy is the backbone of contemporary life and the first engine of international politics and the global economy.</p>	<p>Course Objectives</p>
128. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p>A1. Determine the importance of various energy sources and how to invest in them.</p> <p>A2. Emphasis on the diverse use of fossil and renewable energy</p>	<p>Strategy</p>

A3. Encouraging investment in renewable energy and how to preserve the environment

A4. Study of oil, natural gas, and coal reserves and production levels, as well as their transportation methods and other sources of energy.

B. Skill Objectives of the Course

B1- Spatial Analysis and Geographical Distribution Skills

B2. Skills of economic and statistical analysis of data and comparison between them

B3. Critical thinking skills in understanding the role of energy in global conflict

B4. Analysis and measurement of gas emissions and pollution problems

C. Emotional and Values Goals

C1- Developing awareness of national responsibility to conserve and optimize the use of energy resources

C2- Instilling the values of sustainability and rationalizing the consumption of energy resources

C3- Promoting environmental awareness and the tendency toward the adoption of clean energies

C4- Developing pride in the country's geographical identity and deepening the love of attachment to the country's land and resources

129. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	Energy Concept, Significance and Characteristics	Knowledge of energy, what it is and its importance	2	The first
Oral Testing	Lecture/Discussion	Curricula in Energy Geography	Identify the approaches used in energy studies	2	The second
Oral Testing	Lecture/Discussion	Power Rating	View the most important classifications based on scientific foundations	2	The third
Oral Testing	Lecture/Discussion	The relationship of energy with other sciences	Statement of the relationship of energy with other sciences	2	Fourth

Oral Testing	Lecture/Discussion	Natural Factors Affecting Energy	Knowing the impact of natural factors such as climate, terrain, etc. on energy investment	2	Fifth
Oral Testing	Lecture/Discussion	Human Factors Affecting Energy	Focus on the impact of the human element on the energy investment process	2	Sixth
Oral Testing	Lecture/Discussion	Coal Concept, Importance and Theories	Identifying coal and its types and the most important theories of its formation	2	Seventh
Oral Testing	Lecture/Discussion	Geographical distribution of coal	See the geographical distribution of coal locations	2	Eighth
Written Testing	Lecture/Discussion	Global Coal Trade	Clarifying the most important factors affecting the world's coal trade	2	Ninth
Oral Testing	Lecture/Discussion	Oil Concept, Importance and Advantages	Knowing the importance of oil, its advantages and determinants	2	Tenth
Oral Testing	Lecture/Discussion	Oil Reservoirs	The Method of Presence of Oil in Reservoirs and Their Types	2	Eleventh
Oral Testing	Lecture/Discussion	Geographical distribution of oil fields	See the geographical distribution of the world's oil locations	2	XII
Oral Testing	Lecture/Discussion	Global Oil Trade	Clarifying the most important factors affecting oil trade in the world	2	Thirteenth
Oral Testing	Lecture/Discussion	Natural Gas	What is natural gas, its types and advantages	2	Fourteenth
Oral Testing	Lecture/Discussion	Geographical distribution of natural gas	Indicate the most important geographical	2	Fifteenth

			distribution of the places of oil in the world		
Written Testing				2	Sixteenth
Oral Testing	Lecture/Discussion	Global Natural Gas Trade	Knowing the most important factors affecting the natural gas trade in the world	2	Seventeenth
Oral Testing	Lecture/Discussion	Nuclear Energy: Its Importance, Advantages and Disadvantages	Knowledge of nuclear energy and its role as an alternative energy	2	Eighteenth
Oral Testing	Lecture/Discussion	Renewable Energy: Advantages and Problems	Reasons for the world's move towards renewable energies	2	Nineteenth
Oral Testing	Lecture/Discussion	Solar Energy	The Importance and Methods of Solar Energy Investment	2	Twenty
Oral Testing	Lecture/Discussion	Hydropower	Its importance in hydropower generation	2	Twenty first
Oral Testing	Lecture/Discussion	Wind Energy	Its role in electricity production	2	Twenty two
Written Testing	Lecture/Discussion	Bioenergy	What it is, its sources and ways of investing	2	Twenty Three
Oral Testing	Lecture/Discussion	Geothermal Power	How it exists and benefits from it	2	Twenty fourth
Oral Testing	Lecture/Discussion	Tidal Energy	Methods of investing and factors affecting them	2	Twenty Fifth
Oral Testing	Lecture/Discussion	Ocean and Sea Energy	What it is and how to invest it	2	Twenty-sixth
Oral Testing	Lecture/Discussion	Global Energy Consumption	Seeing the world's energy needs	2	Twenty Seventh
Oral Testing	Lecture/Discussion	The development of energy consumption in the Arab and global spheres	The Importance of Energy and its Role in Achieving Energy Security	2	Twenty Eight
Oral Testing	Lecture/Discussion	The International Conflict over Oil	Finding out where conflict	2	Twenty Ninth

			and international competition over energy sources		
Written Testing				2	Thirty
130. Course Evaluation					
Oral Exams 40 Marks					
Written Exams 60 Marks					
131. Learning and Teaching Resources					
1- Kazem Abdel Wahab Al-Asadi, Rashid Abd Rashid Hudairi Al-Sharifi, Geography of Energy, 1st Edition, Dar Al-Sadiq Culture, 2018. 2- Muthanna Fadel Al-Waeli, Geography of Energy: Foundations and Problems, Baghdad, Al-Sadiq Cultural Foundation, 2018.			Required Textbooks (Methodology, if any)		
Muhammad Azhar Saeed Al-Sammak et al., JaggerRaOil and Energy, Ministry of Higher Education and Scientific Research, Baghdad, 1981.			Main References (Sources)		
Abdel Moneim Abdel Wahab et al., Geography of Oil Energy, 1st Edition, Baghdad, 1980 .			Recommended books and references (scientific journals, reports...)		
The official website of the International Energy Agency https://www.iea.org International Renewable Energy Agency (IRENA) https://www.irena.org			Electronic References, Websites		

Course Description Form

132. Course Name	
Computers/Phase II	
133. Course Code	
EG217	
134. Semester/ Year	
Annual	
135. Date this description was prepared	
1/9/2025	
136. Available Forms of Attendance	
Weekly	
137. Number of Hours (Total) / Number of Credits (Total)	
60 hours	
138. Course administrator name (if more than one name mentioned)	
Eng. Dr. Haidar Rahim Khader	
139. Course Objectives	
•	Course Objectives
140. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p>A1. The student should recall the basic concepts of the operating system, computer structure and applications.</p> <p>. A2. The student should specify the advanced functions and software features the MS Office application package .</p> <p>A3- The student should explain the mechanisms of working of artificial intelligence (AI) models and its applications in the academic and professional environment.</p> <p>. A4. The student should analyze the professional ethics and restrictions related the use of technology and artificial intelligence in the community.</p> <p>.b. Skill objectives of the course.</p> <p>B1- The student should apply the skills of text formatting, reporting, and professional academic dissertations using (MS Word).</p> <p>B2- The student should use mathematical and logical functions and graphical analysis tools to process data using (MS Excel).</p> <p>B3. The student should design professional interactive and visual presentations using (MS PowerPoint).</p> <p>B4- The student should employ "Prompt Engineering" techniques to interact effectively with artificial intelligence tools in research and task accomplishment.</p> <p>C. Emotional and Values Goals</p>	<p>Strategy</p>

A1- The student should adopt the principles of academic integrity when using artificial intelligence tools (avoiding plagiarism and documenting sources).
 A2- The student should develop a positive attitude towards continuous self-learning to keep pace with the rapid technological developments.

141. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	R e q u i r e d L e a r n i n g O u t c o m e s	Watches	The week
Oral Testing	Lecture/Discussion	Excel Interface	I d e n t i f y t h e	2	The first

			m a i n c o m p o n e n t s o f t h e i n t e r f a c e a n d h a n d l e t h e c e l l s a n d c o l u m 		
--	--	--	---	--	--

			n s .		
Oral Testing	Lecture/Discussion	Rules for writing arithmetic functions	F o r m u l a t e m a t h e m a t i c a l e q u a t i o n s a c c o r d i n g t o t h e c o r r e c	2	The second

			t p r o g r a m m i n g r u l e s .		
Oral Testing	Lecture/Discussion	Home tab	A p p l y f o r m a t t i n g t o o l s (f o n t, a l i g n m e n t, p a	2	The third

			t)		
Oral Testing	Lecture/Discussion	Tab Plan ning	A d j u s t p a g e s e t t i n g s , m a r g i n s , a n d o r i e n t a t i o n t o e n s u r e t h e	2	Fifth

			q u a l i t y o f t h e o u t p u t.		
Oral Testing	Lecture/Discussion	Tab Input	I n s e r t a b l e s , c h a r t s , a n d c h a r t s i n t o t h e w	2	Sixth

			orksheet.		
Oral Testing	Lecture/Discussion	Link the formula	Link data in different cells or worksheets.	2	Seventh
Oral Testing	Lecture/Discussion	The function of the sum	Use the add	2	Eighth

			d i t i o n f u n c t i o n t o f i n d t h e t o t a l n u m b e r o f d a t a .		
Written Testing	Lecture/Discussion	If For mul a Polic eman	M a k e a u t o m a t e d	2	Ninth

			l o g i c a l d e c i s i o n s b a s e d o n a s p e c i f i c c o n d i t i o n .		
Oral Testing	Lecture/Discussion	The fun ctio n of the coun t and coun tA	C o u n t c e l l s t h	2	Tenth

			a t c o n t a i n n u m b e r s o r t e x t a c c u r a t e l y .		
Oral Testing	Lecture/Discussion	Fun ctio n a v a r a g e	E x t r a c t t h e a r i t h m e t i c m	2	Eleventh

			e a n o f a s e t o f v a l u e s .		
Oral Testing	Lecture/Discussion	min - fun ctio n max	D e t e r m i n e t h e m i n i m u m a n d m a x i m u m v a l u	2	XII

			e s w i t h i n a s p e c i f i c d a t a r a n g e .		
Oral Testing	Lecture/Discussion	The student solves practical exercises	S o l v e r e a l- w o r l d d a t a p r o b l e m s u	2	Thirteenth

			s i n g l e a r n e d E x c e l l s k i l l s .		
Oral Testing	Lecture/Discussion	The con cept of net wor ks and its types	E x p l a i n t h e s t r u c t u r e o f n e t w o r k s a	2	Fourteenth

			nddistinguishtheir types (LAN, WAN, etc.)		
Oral Testing	Lecture/Discussion	Network World Wide Web and its Protocols	Interpret the	2	Fifteenth

			r n e t a n d T r a n s p o r t P r o t o c o l (T C P / I P).		
Written Testing		How to access the Internet	C o n n e c t t o t h e n e t w o r k a n	2	Sixteenth

			d a p p l y b a s i c a c c e s s e t t i n g s .		
Oral Testing	Lecture/Discussion	Concept Cloud Computing	Define the concept of cloud comp	2	Seventeenth

			uting and its importance in storage.		
Oral Testing	Lecture/Discussion	Types and Ingredients Cloud Computing Applications and areas of use	Employing cloud tool sin ma	2	Eighteenth

			n a g i n g a n d s h a r i n g f i l e s .		
Oral Testing	Lecture/Discussion	Bro wse rs W AB , Goo gle and Inte rfac e chro me	H a n d l e w e b b r o w s e r s t o s e a r c h e f f e c t i v	2	Nineteenth

			e l y .		
Oral Testing	Lecture/Discussion	Google inter fac e chro me	L e a r n a b o u t i n t e r f a c e t o o l s a n d m a n a g e b r o w s i n g h i s t o r y	2	Twenty

			a n d e x t e n s i o n s .		
Oral Testing	Lecture/Discussion	Use of emai l	S e n d a n d r e c e i v e m e s s a g e s a n d a t t a c h m e n t s w i t	2	Twenty first

			h p r o f e s s i o n a l s k i l l.		
Oral Testing	Lecture/Discussion	Wh at is Emai l	U n d e r s t a n d h o w e m a i l w o r k s a n d i t s i m p o r t a n	2	Twenty two

			c e i n d i g i t a l c o m m u n i c a t i o n .		
Written Testing	Lecture/Discussion	Intro ducti on to Artifi cial Intell igenc e	D e f i n e A r t i f i c i a l I n t e l l i g e n c e a n d c	2	Twenty Three

			l a r i f y i t s b a s i c c o n c e p t s .		
Oral Testing	Lecture/Discussion	The Importance of Artificial Intelligence	Analyze the strategic role of AI in sc	2	Twenty fourth

			i e n t i f i c p r o g r e s s .		
Oral Testing	Lecture/Discussion	Area s o f A r t i f i c i a l I n t e l l i g e n c e	C l a s s i f y t h e a r e a s i n w h i c h A I i s a p p l i e d .	2	Twenty Fifth
Oral Testing	Lecture/Discussion	Natu ral Lang	D e m	2	Twenty- sixth

		uage Proc essin g	o n s t r a t e h o w i n t e l l i g e n t s y s t e m s i n t e r a c t w i t h h u m a n l a n g u a g	
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			e		
Oral Testing	Lecture/Discussion	Robo tics	E x p l a i n t h e r e l a t i o n s h i p b e t w e e n p r o g r a m m i n g a n d m e c h a n i	2	Twenty Seventh

			cal systems (robotics).		
Oral Testing	Lecture/Discussion	Artificial Intelligence Applications	Using AI tools to solve technical problems	2	Twenty Eight

			l e m s .		
Oral Testing	Lecture/Discussion	Artificial Intelligence Tools	A p p l y i n g t h e s k i l l s o f i n t e r a c t i n g w i t h i n t e l l i g e n t f o r m s	2	Twenty Ninth

			(c o m m a n d e n g i n e e r i n g).		
Written Testing		Chap ter Revi ew	C o n n e c t i n g t h e a x e s o f m a t t e r a s a n i n t e g	2	Thirty

			r a t e d t e c h n i c a l s y s t e m .		
142. Course Evaluation					
Oral Tests					
Written Tests					
143. Learning and Teaching Resources					
The Methodological Book of the Ministry of High Education and Scientific Research "Fundamentals of Computers and its Office Applications - Part 1 and Part 2 by Dr. Ziad Mohamed Abboud 2014"			Required	Textbo	
"Introduction to the World of Artificial Intelligence" Dr. Adel Abdel Nour			Main References (Source		
IGCSE information and communication technology G Brown, D Watson			Recommended books and references (scientific journals, reports...)		
			Electronic Websites	Referenc	

Course Description Form

144. Course Name	
Population Geography	
145. Course Code	
EG201	
146. Semester/ Year	
Annual	
147. Date this description was prepared	
1/9/2025	
148. Available Forms of Attendance	
Weekly	
149. Number of Hours (Total) / Number of Credits (Total)	
60 hours	
150. Course administrator name (if more than one name mentioned)	
Assoc. Prof. Dr. Aqeel Kazim Wali Khader	
151. Course Objectives	
•	Course Objectives
152. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p>A1- Introducing the concepts of population and the philosophic backgrounds of each of them, and the principles of demography</p> <p>A2- Providing the student with experience in the analysis and interpretation of demographic geographical phenomena</p> <p>A3. Paying attention to population problems related to growth and migration .</p> <p>A4. Identify the demographic characteristics and socio-economic composition of the population.</p> <p>b. Skill objectives of the course.</p> <p style="padding-left: 20px;">B1. Mapping and employing them in the study of population phenomena</p> <p style="padding-left: 20px;">B2. Distribution of Population Density Areas on the Map</p> <p style="padding-left: 20px;">B3- Knowledge of graphs</p> <p style="padding-left: 20px;">B4. Use of mathematical equations in the analysis of population data</p> <p>C. Emotional and Values Goals</p>	<p>Strategy</p>

A1- Increasing students' knowledge of the demographic structure and its impact on consolidating national identity and belonging.

153. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Written Testing	Lecture/Discussion	Concept and Areas of Population Geography	Knowledge of the concept and areas of population geography	2	The first
Written Testing	Lecture/Discussion	The Relationship of Population Geography to Other Sciences	Identify the relationship between population geography and other sciences	2	The second
Written Testing	Lecture/Discussion	Population Geography Curricula	Knowledge of population geography curricula	2	The third
Written Testing	Lecture/Discussion	Population Data Sources	Identify Population Data Sources	2	Fourth
Written Testing	Lecture/Discussion	Geographical distribution of the population	Knowing the geographical distribution of the population	2	Fifth
Written Testing	Lecture/Discussion	Natural Factors Affecting Population Distribution	Meet	2	Sixth
Written Testing	Lecture/Discussion	Human factors affecting population distribution	Knowledge of the natural factors affecting population distribution	2	Seventh
Written Testing	Lecture/Discussion	Population Distribution Measures	Knowledge of population distribution measures	2	Eighth

Written Testing	Lecture/Discussion	Population density measures	Knowledge of population density measures	2	Ninth
Written Testing	Lecture/Discussion	Ethnic and environmental composition of populations	Knowledge of the ethnic and environmental composition of the population	2	Tenth
Written Testing	Lecture/Discussion	Demographic characteristics of the population	Knowledge of the demographic characteristics of the population	2	Eleventh
Written Testing	Lecture/Discussion	Economic characteristics of the population	Knowledge of the economic characteristics of the population	2	XII
Written Testing	Lecture/Discussion	Population Characteristics: Measurement, Variation and Factors Affecting it	Knowledge of population characteristics, measurement, variation and factors affecting it	2	Thirteenth
Written Testing	Lecture/Discussion	First Semester Exam / First Month	First Semester Exam / First Month	2	Fourteenth
Written Testing	Lecture/Discussion	End of First Semester Exam / Second Month	End of First Semester Exam / Second Month	2	Fifteenth
Written Testing		Mortality (distribution, influencing factors)	Knowing the mortality (distribution, influencing factors)	2	Sixteenth
Written Testing	Lecture/Discussion	Measures of Mortality	Know the mortality metrics	2	Seventeenth
Written Testing	Lecture/Discussion	Concept and Types of Migration	Knowledge of the concept and types of migration	2	Eighteenth
Written Testing	Lecture/Discussion	Motives and Laws of Migration and European Overseas Migrations	Knowledge of the motives and laws of European overseas migration and migration	2	Nineteenth
Written Testing	Lecture/Discussion	European Migrations within the Continent Asian Migrations African Migration Internal migration currents	Knowing European Migrations within the Continent Asian Migrations African Migration	2	Twenty

			Internal migration currents		
Written Testing	Lecture/Discussion	Third Semester Exam	Third Semester Exam	2	Twenty first
Written Testing	Lecture/Discussion	Examples of Migration Trends (Talent Migration in the Arab World)	Knowledge of Models of Migration Trends (Talent Migration in the Arab World)	2	Twenty two
Written Testing	Lecture/Discussion	Examples of Migration Streams (Palestinian Refugee Migration)	Knowledge of the model of migration currents (migration of Palestinian refugees)	2	Twenty Three
Written Testing	Lecture/Discussion	Methods of Measuring Migration (Direct and Indirect Methods)	Knowledge of Migration Measurement Methods (Direct and Indirect Methods)	2	Twenty fourth
Written Testing	Lecture/Discussion	Methods of measuring migration (other measures of population migration)	Knowledge of methods of measuring migration (other measures of population migration)	2	Twenty Fifth
Written Testing	Lecture/Discussion	Importance, Patterns and Trends of Population Growth	Knowledge of the importance, patterns and trends of population growth	2	Twenty-sixth
Written Testing	Lecture/Discussion	Stages of Population Growth	Knowing the stages of population growth	2	Twenty Seventh
Written Testing	Lecture/Discussion	Spatial variations of population growth	Knowledge of Spatial Differences of Population Growth	2	Twenty Eight
Written Testing	Lecture/Discussion	Population Growth Metrics / Mathematical and Engineering Sequencing	Knowledge of population growth metrics / mathematical and engineering sequence	2	Twenty Ninth
Written Testing		Population Growth Metrics / Exponential	Knowledge of Population		Thirty

		Method and Other Methods Population Policies Concept and Objectives Models of Population Policies	Growth Metrics / Exponential Method and Other Methods Population Policies Concept and Objectives Models of Population Policies		
154. Course Evaluation					
Oral Tests					
Written Tests					
155. Learning and Teaching Resources					
Moussa Samha, Geography of Population, Uni Arab Marketing and Supplies Company, Ca 2008.			Required Textbooks (Methodology, if any)		
			Main References (Sources)		
Fathi Abu Ayana, Population Geograp Foundations and Applications, 4th Edition, I Al-Maarifa University, Alexandria, 1993./ Labib, Geography of Fixed and Varia Population, 2nd Edition, Arab House of Scien Beirut, 2004./ Ahmed Ali Ismail, Foundations Demography, 8th Edition, Dar Al-Thaqafa, Ca 1997.			Recommended books and references (scientific journals, reports...)		
			Electronic References, Websites		

Course Description Form

156. Course Name	
English / Stage II	
157. Course Code	
EG213	
158. Semester/ Year	
Annual	
159. Date this description was prepared	
1/9/2025	
160. Available Forms of Attendance	
Weekly	
161. Number of Hours (Total) / Number of Credits (Total)	
30 hours	
162. Name of Course Administrator (Prof. Dr. Abbas Jaber Abdullah)	
Prof. Dr. Abbas Jaber Abdullah	
163. Course Objectives	
<p>The course aims to develop the student's knowledge, skills, and intellectual behavioral abilities in a way that contributes to his academic and practical success.</p>	<p>Course Objectives</p>
164. Teaching and Learning Strategies	
<p>Cognitive Goals</p> <p>1- Knowledge of basic English grammar.2- Understanding vocabulary and language structures.3- Applying language skills in reading and writing.</p> <p>b. Skill objectives of the course.</p> <p>1- Using the English language in daily communication. 2- Write correct sentences and texts in English. 3- Developing reading, listening and comprehension skills.</p> <p>C. Emotional and Values Goals</p> <p>A1- Enhancing self-confidence in the use of the English language</p>	<p>Strategy</p>
165. Course Structure	

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	Parts of speech	The student should know the concept of speech parts. He should enumerate the types of basic parts of speech.		The first
Oral Testing	Lecture/Discussion	Parts of speech	The student should distinguish between a noun, a verb, and a letter. Specify the type of word in a simple sentence.		The second
Oral Testing	Lecture/Discussion	Parts of speech	The student should employ the parts of speech in correct sentences. To analyze a sentence into its basic components.		The third
Oral Testing	Lecture/Discussion	Simple Present Tense	The student should know the simple present tense. Formulate established sentences using simple present tense.		Fourth
Oral Testing	Lecture/Discussion	Simple Present Tense	The student should be a sentence of negation and interrogation in the simple present tense. The simple present tense should be used		Fifth

			in life situations.		
Oral Testing	Lecture/Discussion	Present Continuous Tense	The student should know the continuous present tense. To distinguish between the simple and continuous present.		Sixth
Oral Testing	Lecture/Discussion	Present Continuous Tense	The student should employ the present tense continuously in describing current events. Be correct sentences using this tense.		Seventh
Oral Testing	Lecture/Discussion	The Simple Future Time	The student should know the simple future tense. Express future plans using (will/going to).		Eighth
Written Testing	Lecture/Discussion	The Simple Future Time	The student should be a sentence of negation and questioning in the future. He should use time in realistic situations.		Ninth
Oral Testing	Lecture/Discussion	The simple past tense	The student should know the simple past tense. Distinguish between regular and irregular verbs.		Tenth
Oral Testing	Lecture/Discussion	The simple past tense	The student should employ the simple past in narrating events.		Eleventh

			Write a short paragraph using the past tense.		
Oral Testing	Lecture/Discussion	Names	The student should know the concept of the name and its types. Distinguish between nouns in different sentences.		XII
Oral Testing	Lecture/Discussion	Pronouns	The student should know pronouns and their types. Use pronouns correctly in sentences.		Thirteenth
Oral Testing	Lecture/Discussion	Pronouns	It should distinguish between the pronouns of the subject and the subject. Employ pronouns in different linguistic contexts.		Fourteenth
Oral Testing	Lecture/Discussion	Arrest	The student should know the verb and its types. To distinguish between verbs in sentences.		Fifteenth
Written Testing		Circumstances/Conditions	The student should know the conditions and their uses. To use circumstances to describe time and place.		Sixteenth
Oral Testing	Lecture/Discussion	Qualities	The student should know the qualities and their types. He should distinguish		Seventeenth

			between the adjective and the described.		
Oral Testing	Lecture/Discussion	Qualities	The student should use adjectives in correct sentences. He should compare the qualities (preference if necessary).		Eighteenth
Oral Testing	Lecture/Discussion	Exclamation	The student should know the method of exclamation. Formulate correct exclamation sentences.		Nineteenth
Oral Testing	Lecture/Discussion	Corporal Tools	The student should know the identification tools and their use. To distinguish between knowledge and denial.		Twenty
Oral Testing	Lecture/Discussion	Prepositions	The student should know the prepositions. To use them in correct sentences.		Twenty first
Oral Testing	Lecture/Discussion	Prepositions	Distinguish between the uses of different prepositions. To employ them in a variety of contexts.		Twenty two
Written Testing	Lecture/Discussion	Fasteners	The student should know the binding tools.		Twenty Three

			Connect sentences using appropriate tools.		
Oral Testing	Lecture/Discussion	Comparison Scores	The student should know the method of comparison. Use the comparison formats (greater than, more than...) correctly.		Twenty fourth
Oral Testing	Lecture/Discussion	Degrees of preference	The student should know the method of preference. To employ the forms of preference (best, most beautiful...) in correct sentences.		Twenty Fifth
Oral Testing	Lecture/Discussion	Speech Formulation	The student should rephrase the sentences in a correct manner. To transform sentences while preserving the meaning.		Twenty-sixth
Oral Testing	Lecture/Discussion	Synonyms	The student should know the concept of synonyms. Use synonyms in different contexts.		Twenty Seventh
Oral Testing	Lecture/Discussion	Harassment	The student should know the opposites (inverses). He should distinguish between and employ antonymous words.		Twenty Eight

Oral Testing	Lecture/Discussion	Related words	The student should associate the relevant words. Use related words to form coherent sentences.	Twenty Ninth
Written Testing		Exam	The student should apply what he or she has learned in a comprehensive test. Demonstrate mastery of studied language skills.	Thirty

166. Course Evaluation

Oral Tests
Written Tests

167. Learning and Teaching Resources

	Required Textbooks (Methodology, if any)
Comprehensive English Grammar and Vocabulary Workbook.	Main References (Sources)
3. Essential Grammar in Use 4. Oxford Practice Grammar	Recommended books and references (scientific journals, reports...)
	Electronic References, Websites

CourseDescription Form

168. Course Name	
Educational Administration	
169. Course Code	
EG214	
170. Semester/ Year	
Annual	
171. Date this description was prepared	
1/9/2025	
172. Available Forms of Attendance	
Weekly	
173. Number of Hours (Total) / Number of Credits (Total)	
60 hours	
174. Course administrator name (if more than one name mentioned)	
Eng. Amer Latif Gouda	
175. Course Objectives	
<ul style="list-style-type: none"> • Developing students' understanding the concepts and principles of educational administration 	<p>Course Objectives</p>
176. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p>A1. The student should know the concept of educational administration.</p> <p>A2. Mention the functions of the educational administration (planning, organization, direction, and control).</p> <p>A3. Explain the role of the educational supervisor in the development of the educational process.</p> <p>A4. Distinguish between educational administration and educational administration.</p> <p>b. Skill objectives of the course.</p> <p>B1. The student should be able to prepare an educational plan (annual or quarterly) according to correct scientific foundations.</p> <p>B2. The student must have the skill of decision-making and solving educational problems within the educational institution.</p> <p>B3. The student should apply communication skills and effective administrative communication with teachers, students, and parents.</p> <p>B4. The student should be able to apply planning and organization skills in the management of the educational institution efficiently.</p> <p>C. Emotional and Values Goals</p>	<p>Strategy</p>

C1- Promoting the value of taking responsibility and professional commitment in educational administrative work

177. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	Welcoming students and introducing the subject	Familiarity with the course content and general objectives	2	The first
Oral Testing	Lecture/Discussion	Educational Administration Concept	The student should know the concept of educational administration	2	The second
Oral Testing	Lecture/Discussion	Components of the administrative process	The student should mention the management functions (planning, organizing, directing, supervising)	2	The third
Oral Testing	Lecture/Discussion	School Administrative Leadership Jobs	Applying planning and organization skills in the management of the organization	2	Fourth
Oral Testing	Lecture/Discussion	Relationship between the Educational Administration and the Public Administration	Applying planning and organization skills in the management of the organization	2	Fifth

Oral Testing	Lecture/Discussion	Concept of Educational Administration	Understand and define exactly what educational administration is	2	Sixth
Oral Testing	Lecture/Discussion	The Importance of Educational Administration	Enhancing the value of professional commitment in administrative work	2	Seventh
Oral Testing	Lecture/Discussion	Factors Affecting Educational Administration	Analysis of Variables and Conditions Surrounding Educational Administration	2	Eighth
Written Testing	Lecture/Discussion	Explanation of Theories of Educational Administration	Understanding the Philosophical Foundations of Management Theories	2	Ninth
Oral Testing	Lecture/Discussion	School Management Concept	Understand the role of the school as an educational administrative unit	2	Tenth
Oral Testing	Lecture/Discussion	Personal Qualities of the Principal	Developing leadership qualities and commitment to responsibility	2	Eleventh
Oral Testing	Lecture/Discussion	□ School Management Styles	Differentiating between different styles of school administration	2	XII
Oral Testing	Lecture/Discussion	School Administration Relations	Applying effective management communication skills with stakeholders	2	Thirteenth
Oral Testing	Lecture/Discussion	Classroom Management	Possess the skill of managing and controlling the	2	Fourteenth

			classroom environment		
Oral Testing	Lecture/Discussion	Methods of Handling Classroom Problems	Possess decision-making skills and solve educational problems	2	Fifteenth
Written Testing		Written Testing	Measuring the level of knowledge and skill achievement	2	Sixteenth
Oral Testing	Lecture/Discussion	Leadership Management and Crisis Management	Applying Planning Skills to Face Educational Crises	2	Seventeenth
Oral Testing	Lecture/Discussion	Comparison of Leadership and Leadership	Analysis of the Fundamental Differences Between Leadership and Leadership	2	Eighteenth
Oral Testing	Lecture/Discussion	Theories of Managerial Leadership	Familiarity with the different scientific approaches to leadership	2	Nineteenth
Oral Testing	Lecture/Discussion	Administrative Leadership Styles	Choosing the right leadership style for educational situations	2	Twenty
Oral Testing	Lecture/Discussion	Crisis Management Explained	Understanding the mechanisms of dealing with emergency situations	2	Twenty first
Oral Testing	Lecture/Discussion	Stages of crisis management	Acquire the skill of strategic planning for the stages of the crisis	2	Twenty two
Written Testing	Lecture/Discussion	Written Testing	Assessment of Leadership and Crisis	2	Twenty Three

			Cognitive Outcomes		
Oral Testing	Lecture/Discussion	Crisis Management in Educational Institutions	Applying the Problem-Solving Skill in a Crisis Learning Environment	2	Twenty fourth
Oral Testing	Lecture/Discussion	The Concept of Educational Supervision	Explaining the role of the educational supervisor in developing the educational process	2	Twenty Fifth
Oral Testing	Lecture/Discussion	Stages of Educational Supervision	Understanding and Developing the Supervisory Process Sequence	2	Twenty-sixth
Oral Testing	Lecture/Discussion	Areas of Educational Supervision	Define the scope of the educational supervisor's work and responsibilities	2	Twenty Seventh
Oral Testing	Lecture/Discussion	Modern Foundations in the Fields of Educational Supervision	Keeping pace with modern trends in educational supervision	2	Twenty Eight
Oral Testing	Lecture/Discussion	Chapter Review	Review of skills and information gained	2	Twenty Ninth
Written Testing		Written Testing	Measure the final course outcomes	2	Thirty
178. Course Evaluation					
Oral Tests					
Written Tests					
179. Learning and Teaching Resources					
Book / Dr. Ibrahim bin Ali / Widad Al-Jubouri			Required Textbooks (Methodology, if any)		

Books / Ibrahim Abdel Aziz Mohamed Mounir Morsi / Mohan Khaled Abu Azzam	Main References (Sources)
	Recommended books and references (scientific journals, reports...)
	Electronic References, Websites

Course Description Form

180. Course Name	
Geographic Technologies	
181. Course Code	
EG210	
182. Semester/ Year	
Annual	
183. Date this description was prepared	
1/9/2025	
184. Available Forms of Attendance	
Weekly	
185. Number of Academic Hours (48) / Number of Units (Total)	
60 hours	
186. Course administrator name	
Assoc. Prof. Dr. Ali Fadel Hassan	
187. Course Objectives	
<ul style="list-style-type: none"> • Introduce learners to the general concepts of geographic technologies, a number of programs used, and introduce to a number of concepts of the educational process and related applications. 	Course Objectives
188. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p>1- Knowledge of the basic foundations and principles of geographical techniques and their methods, tools and methods.</p> <p>2- Knowing the importance of geographical techniques in preparing digital maps</p> <p>3- Knowledge of the historical background of the development of geographical techniques and the scientific methods and methods associated with them.</p> <p>A4-</p> <p>b. Skill objectives of the course.</p> <p>B1- The process of practical application, its impact and its relationship to the educational material</p> <p>B2- Applying the scientific concepts that the student has learned in his practical life</p> <p>B3-</p> <p>B4-</p> <p>C. Emotional and Values Goals</p> <p>A1- Working to achieve the six levels (remembering, understanding, applying, analyzing, composing, evaluating)</p> <p>in presenting the learning material through following multiple methods and methods</p>	Strategy

189. Course Structure					
Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	Introduction to Geographical Technologies //(The concept of technologies, their importance, types.	Remembering, Understanding and Comprehension		The first
Oral Testing	Lecture/Discussion	The Complementary Relationship between Geographic Technologies and Remote Sensing	Remembering, Understanding and Comprehension		The second
Oral Testing	Lecture/Discussion	Remote Sensing //(Understood (Definition), Historicist Development, Its Importance and Areas of General and Geographical Applied Uses)	Remembering, Understanding and Comprehension		The third
Oral Testing	Lecture/Discussion	(Types of Remote Sensing, Technologies),	Remembering, Understanding and Comprehension		Fourth
Oral Testing	Lecture/Discussion	Space Shuttle Radar and Data Literacy for Geographers.	Remembering, Understanding and Comprehension		Fifth
Oral Testing	Lecture/Discussion	General features of space data,	Remembering, Understanding and Comprehension		Sixth
Oral Testing	Lecture/Discussion	Using Satellite Data for Scientific Research	Remembering, Understanding and Comprehension		Seventh
Oral Testing	Lecture/Discussion	How to Improve Spatial Visualization	Remembering, Understanding and Comprehension		Eighth
Written Testing	Lecture/Discussion	Spatial Visualization Processing	Remembering, Understanding		Ninth

			and Comprehension		
Oral Testing	Lecture/Discussion	Integration of Space-Based Visuals	Remembering, Understanding and Comprehension		Tenth
Oral Testing	Lecture/Discussion	Interpretation of Space-Based Visuals	Remembering, Understanding and Comprehension		Eleventh
Oral Testing	Lecture/Discussion	Classification processes for visuals (observed, unobserved, spectral beam properties)	Remembering, Understanding and Comprehension		XII
Oral Testing	Lecture/Discussion	Output the results of analysis, interpretation and classification in the form of objective maps	Remembering, Understanding and Comprehension		Thirteenth
Oral Testing	Lecture/Discussion	Storing and saving the results in different formats for the purpose of importing them for other programs	Remembering, Understanding and Comprehension		Fourteenth
Oral Testing	Lecture/Discussion	Exam at the end of the first semester	Remembering, Understanding and Comprehension		Fifteenth
Written Testing		Global Positioning System (GPS)// (Understood, Applications, System Accuracy)	Remembering, Understanding and Comprehension		Sixteenth
Oral Testing	Lecture/Discussion	Satellite Traffic, the Basis of System Work	Remembering, Understanding and Comprehension		Seventeenth
Oral Testing	Lecture/Discussion	Geographic Information Systems (GIS)	Remembering, Understanding and Comprehension		Eighteenth
Oral Testing	Lecture/Discussion	Introduction to Information Systems, Understood (Nature of Currency), Tariff, Advantages	Remembering, Understanding and Comprehension		Nineteenth
Oral Testing	Lecture/Discussion	GIS Components	Remembering, Understanding and Comprehension		Twenty
Oral Testing	Lecture/Discussion	Types of Data and Information in GIS	Remembering, Understanding		Twenty first

			and Comprehension		
Oral Testing	Lecture/Discussion	(Spatial Data)	Remembering, Understanding and Comprehension		Twenty two
Written Testing	Lecture/Discussion	Metadata and temporal data	Remembering, Understanding and Comprehension		Twenty Three
Oral Testing	Lecture/Discussion	Databases in GIS and their types	Remembering, Understanding and Comprehension		Twenty fourth
Oral Testing	Lecture/Discussion	Principles of Aerial Photography	Remembering, Understanding and Comprehension		Twenty Fifth
Oral Testing	Lecture/Discussion	Aerial Types	Remembering, Understanding and Comprehension		Twenty-sixth
Oral Testing	Lecture/Discussion	Applications of Aerial Imaging	Remembering, Understanding and Comprehension		Twenty Seventh
Oral Testing	Lecture/Discussion	Land Area and its Applications	Remembering, Understanding and Comprehension		Twenty Eight
Oral Testing	Lecture/Discussion	Arc GIS Software	Remembering, Understanding and Comprehension		Twenty Ninth
Written Testing		Second Semester Exam			Thirty

190. Course Evaluation

Oral Tests

Written Tests

191. Learning and Teaching Resources

	Required Textbooks (Methodology, if any)
Geographical Techniques, Eyad Ashour Al-Taie, Mazha Azzawi.	Main References (Sources)
The achievement of the course depends on what is presented in classroom based on What is available in some external sources recommended by professor of the subject	Recommended books and references (scientific journals, reports...)
	Electronic References, Websites

Course Description Form

192. Course Name					
Development and planning					
193. Course Code					
EG207					
194. Semester/ Year2025-2026					
Annual					
195. Date this description was prepared					
1/9/2025					
196. Available Forms of Attendance Built-in (Class + Electronic)					
Weekly					
197. Number of Hours (Total) / Number of Credits (Total)					
60 hours					
198. Course administrator name (if more than one name mentioned)					
Prof. Dr. Maher Nasser Abdullah					
199. Course Objectives					
<ul style="list-style-type: none"> • It aims to identify the concept of planning, its types and its role in achieving development 			Course Objectives		
200. Teaching and Learning Strategies					
<p>A. Cognitive Objectives</p> <p style="margin-left: 20px;">A1. Identifying Economic Growth</p> <p style="margin-left: 20px;">A2. Identify the concept and types of development</p> <p style="margin-left: 20px;">A3. Know what it is and types of planning</p> <p style="margin-left: 20px;">A4-</p> <p>b. Skill objectives of the course.</p> <p style="margin-left: 20px;">B1. Gap Analysis</p> <p style="margin-left: 20px;">B2. Diagnosis of Disabilities</p> <p style="margin-left: 20px;">B3. Use of analysis tools</p> <p style="margin-left: 20px;">B4-</p> <p>C. Emotional and Values Goals</p> <p style="margin-left: 20px;">A1. Promoting a sense of national and social responsibility</p>					<p>Strategy</p>
201. Course Structure					
Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week

Oral Testing	Lecture/Discussion	Definition of underdevelopment and its most important aspects	Identifying the concept of underdevelopment and its aspects	2	The first
Oral Testing	Lecture/Discussion	Definition and origin of planning	Knowledge of the concept of planning and its origin	2	The second
Oral Testing	Lecture/Discussion	Types of planning and its objectives	Identify the goals of planning and its most important types	2	The third
Oral Testing	Lecture/Discussion	The concept of the region and its types	Knowing the concept of territory and what are its most important types	2	Fourth
Oral Testing	Lecture/Discussion	Methods of determining the value	Learn how to identify a territory	2	Fifth
Oral Testing	Lecture/Discussion	The concept of development	Knowledge of the most important development concepts	2	Sixth
Oral Testing	Lecture/Discussion	Theories of Economic Development	Identify the most important theories of economic development	2	Seventh
Oral Testing	Lecture/Discussion	Development Indicators	Knowing what are the most important development indicators	2	Eighth
Written Testing	Lecture/Discussion	Economic Indicators	Identify the most important economic indicators	2	Ninth
Oral Testing	Lecture/Discussion	Social indicators	Identify the most important social indicators	2	Tenth
Oral Testing	Lecture/Discussion	Demographic indicators	Identifying the most important demographic indicators	2	Eleventh
Oral Testing	Lecture/Discussion	Elements of Development	Know what are the most important components of development	2	XII
Oral Testing	Lecture/Discussion	Natural/Human	Identify natural and human components	2	Thirteenth
Oral Testing	Lecture/Discussion	Obstacles to Development	Identifying the most important	2	Fourteenth

			obstacles to development		
Oral Testing	Lecture/Discussion	Natural/Human	Knowledge of natural and human obstacles	2	Fifteenth
Written Testing		Regional Planning Concept	Understanding the concept of regional planning	2	Sixteenth
Oral Testing	Lecture/Discussion	Regional Planning Establishment and Objectives	Knowledge of the origin and objectives of regional planning	2	Seventeenth
Oral Testing	Lecture/Discussion	Types of Regional Planning	Learn about the most important types of regional planning	2	Eighteenth
Oral Testing	Lecture/Discussion	The Relationship between Regional Planning and Other Sciences	Knowing the relationship between regional planning and other sciences	2	Nineteenth
Oral Testing	Lecture/Discussion	Urban Planning Concept	Understanding the concept of urban planning	2	Twenty
Oral Testing	Lecture/Discussion	The Importance of Urban Planning	Find out what urban planning is important	2	Twenty first
Oral Testing	Lecture/Discussion	Urban Planning Objectives and Levels	Identify Urban Planning and its Levels	2	Twenty two
Written Testing	Lecture/Discussion	The Concept of Sectoral Planning	Knowledge of the most important concepts of sectoral planning	2	Twenty Three
Oral Testing	Lecture/Discussion	Types of Sectoral Planning	Identify the types of sectoral planning	2	Twenty fourth
Oral Testing	Lecture/Discussion	Theories in Regional Planning	Knowledge of the most important theories of regional planning	2	Twenty Fifth
Oral Testing	Lecture/Discussion	Industrial Site Theories	Knowledge of industrial site theories	2	Twenty-sixth
Oral Testing	Lecture/Discussion	Theories of Human Settlement Systems	Identify Human Settlements Systems	2	Twenty Seventh
Oral Testing	Lecture/Discussion	Attempts to define the region in Iraq	Learn how to define the region in Iraq	2	Twenty Eight

Oral Testing	Lecture/Discussion	Justifications for Regional Planning in Iraq	Knowing what are the justifications for regional planning in Iraq	2	Twenty Ninth
Written Testing		Development and Planning Policy in Iraq	Learn about the most important development and planning policies in Iraq	2	Thirty

202. Course Evaluation

Oral Tests
Written Tests

203. Learning and Teaching Resources

	Required Textbooks (Methodology, if any)
Thaer Mutlaq Al-Ayasra-Regional Planning: A Theoretical and Practical Study-Hamed Publishing and Distribution-Amman-Jordan-2008	Main References (Sources)
1- Othman Muhammad Ghoneim-Introduction to Regional Development Planning- Safaa Publishing and Distribution House- Amman, Jordan, 2009 2- Adnan Makki Al-Badrawi-Falah Jamal Al-Azzawi- Regional Development and Planning, Ministry of Higher Education, University of Baghdad, 1991.	Recommended books and references (scientific journals, reports...)
	Electronic References, Websites

Course Description Form

1. Course Name	
Soil Geography	
2. Course Code	
Soil Geography	
3. Semester / Year	
Annual	
4. Date this description was prepared	
1/9/2025	
5. Available Forms of Attendance	
Weekly	
6. Number of Hours (Total) / Number of Credits (Total)	
60 hours	
7. Course administrator name (if more than one name mentioned)	
Eng. Amer Jameel Abdul Kazem	
8. Course Objectives	
Objectives of the course: The study of soil geography aims to prepare a student who is able to understand the soil scientifically, analyze its problems, and employ this understanding in the service of humans, the environment and sustainable development	
9. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p>A1- Identify the concept of soil and its components (mineral, organic matter, water, air).</p> <p>A2. Understand the factors of soil formation (climate, organisms, topography, time, original matter).</p> <p>A3. Soil Properties Analysis</p> <p>A4. Field study</p> <p>b. Skill objectives of the course.</p> <p>B1- Careful observation: Observe soil characteristics such as color, texture, and moisture.</p> <p>B2- Classification: Classification of soil types according to their characteristics (sandy, clayey, silt...).</p> <p>B3. Analysis: Analyzing soil formation factors and linking them to outcomes (e.g., climate impact on soil type).</p> <p>B4- Comparison: Comparison between soil types in terms of characteristics and uses.</p> <p>C. Emotional and Values Goals</p> <p>C1- Developing interest in the study of soil and the environment.</p>	<p>Strategy</p>

C2- Promoting a sense of responsibility towards soil protection.
 A3- Making conscious decisions that support environmental sustainability.
 C4. Participate in environmental protection activities (e.g. afforestation).
 C5- Avoid behaviors that lead to soil degradation (overgrazing, pollution).

10. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watch es	The week
Oral Testing	Lecture/Discussion	The Evolution of Soil Science, Branches of Soil Science and Its Relationship to Other Sciences	General concept of soil	2	The first
Oral Testing	Lecture/Discussion	The relationship between geography and soil science, the concept of soil	General concept of soil	2	The second
Oral Testing	Lecture/Discussion	Soil Unit, Soil Burner, Soil Clipper	General concept of soil	2	The third
Oral Testing	Lecture/Discussion	Soil Prospects	General concept of soil	2	Fourth
Oral Testing	Lecture/Discussion	Soil Components, Mineral Components, Organic Components	General concept of soil	2	Fifth
Oral Testing	Lecture/Discussion	Soil water, soil air	General concept of soil	2	Sixth
Oral Testing	Lecture/Discussion	Soil Formation Processes, Parent Material	Processes and Stages of Soil Formation	2	Seventh
Oral Testing	Lecture/Discussion	Climate conditions, living organisms	Processes and Stages of Soil Formation	2	Eighth
Written Testing	Lecture/Discussion	The nature of surface slope, time, man	Processes and Stages of Soil Formation	2	Ninth
Oral Testing	Lecture/Discussion	Soil Physical Properties, Soil Depth, Soil Texture	Physical properties of the soil	2	Tenth
Oral Testing	Lecture/Discussion	Soil Structure, Soil Bulk Density, True Soil Density	Physical properties of the soil	2	Eleventh

Oral Testing	Lecture/Discussion	Soil porosity, soil moisture content	Physical properties of the soil	2	XII
Oral Testing	Lecture/Discussion	Soil water tip rate, saturated water conductivity of soil	Physical properties of the soil	2	Thirteenth
Oral Testing	Lecture/Discussion	Soil Color	Physical properties of the soil	2	Fourteenth
Oral Testing	Lecture/Discussion	Soil Temperature	Physical properties of the soil	2	Fifteenth
Written Testing		Chemical properties and soil organic matter content	Chemical properties of the soil	2	Sixteenth
Oral Testing	Lecture/Discussion	Reaction Grade and Calcium Carbonate	Chemical properties of the soil	2	Seventeenth
Oral Testing	Lecture/Discussion	Calcium sulfate and cationic exchangeability	Chemical properties of the soil	2	Eighteenth
Oral Testing	Lecture/Discussion	Positive and negative ions dissolved in soil solution	Chemical properties of the soil	2	Nineteenth
Oral Testing	Lecture/Discussion	Soil Salinity	Chemical properties of the soil	2	Twenty
Oral Testing	Lecture/Discussion	Soil Plant Organisms	Biological characteristics of the soil	2	Twenty first
Oral Testing	Lecture/Discussion	Visible plant organisms	Biological characteristics of the soil	2	Twenty two
Written Testing	Lecture/Discussion	Invisible plant organisms	Biological characteristics of the soil	2	Twenty Three
Oral Testing	Lecture/Discussion	Soil Animal Organisms	Biological characteristics of the soil	2	Twenty fourth
Oral Testing	Lecture/Discussion	Visible Animal Organisms	Biological characteristics of the soil	2	Twenty Fifth
Oral Testing	Lecture/Discussion	Invisible Animal Creatures	Biological characteristics of the soil	2	Twenty-sixth
Oral Testing	Lecture/Discussion	Soil Classification, Soil Types, USDA Classification System	Soil Classification	2	Twenty Seventh
Oral Testing	Lecture/Discussion	Foundations and principles of field study of soil	Field Study Tools and Methods	2	Twenty Eight
Oral Testing	Lecture/Discussion	Soil field study tools	Field Study Tools and Methods	2	Twenty Ninth

Written Testing		Practical Application of Soil Field Study	Field Study Tools and Methods	2	Thirty
11. Course Evaluation					
Oral Tests					
Written Tests					
12. Learning and Teaching Resources					
Soil Geography by Prof. Dr. Kazem Shar			Required Textbooks (Methodology, if any)		
Soil Geography by Prof. Dr. Abdul Salem Al-Malki			Main References (Sources)		
Soil Geography Books			Recommended books and references (scientific journals, reports...)		
Iraqi Magazines Website : https://iasj.rdd.edu.iq/journals/			Electronic References, Websites		

Course Description Form

204. Course Name:	
Rural Geography	
205. Course Code	
EG206	
206. Semester/ Year	
Annual	
207. Date this description was prepared	
1/9/2025	
208. Available Forms of Attendance	
Weekly	
209. Number of Hours (Total) / Number of Credits (Total)	
60 hours	
210. Course administrator name (if more than one name mentioned)	
Prof. Dr. Latif Fateh Fatin	
211. Course Objectives	
It aims to understand the spatial variation of the rural phenomenon and its characteristics, and to analyze and address its problems.	Objectives of the course:
212. Teaching and Learning Strategies	

<p>A. Cognitive Objectives</p> <p>A1. It focuses on providing the student with knowledge and understanding related to the rural environment, lifestyles in it, and the factors affecting it.</p> <p>A2. Understanding the concept of rural population and studying the distribution of rural population.</p> <p>A3. Identify rural economic activities</p> <p>A4-</p> <p>b. Skill objectives of the course.</p> <p>B1. Focus on what the student can do in practice after learning, not just what he or she knows.</p> <p>B2- Map reading skills</p> <p>B3. Geographical Analysis Skills</p> <p>B4-</p> <p>C. Emotional and Values Goals</p> <p>C1- It focuses on developing the student's attitudes, feelings and values toward the rural environment and the rural community.</p>	<p>Strategy</p>
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213. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	The concept of the term countryside	Knowing the concept of the term countryside	2	The first
Oral Testing	Lecture/Discussion	The beginnings of interest in the countryside	Identifying the beginnings of interest in the countryside	2	The second
Oral Testing	Lecture/Discussion	Definition of rural geography	Knowledge of the definition of rural geography	2	The third
Oral Testing	Lecture/Discussion	Foundations of the distinction between urban and rural	Identify the Foundations of Differentiation between Urban and Rural	2	Fourth
Oral Testing	Lecture/Discussion	Objectives of Rural Geography	Knowing the objectives of rural geography	2	Fifth
Oral Testing	Lecture/Discussion	Research Areas in Rural Geography	Identify research areas in rural geography	2	Sixth

Oral Testing	Lecture/Discussion	Natural and human rural phenomena	Natural and human rural phenomena	2	Seventh
Oral Testing	Lecture/Discussion	The Origin and Development of Rural Settlement	Identifying the Emergence and Development of Rural Settlement	2	Eighth
Written Testing	Lecture/Discussion	Geophysical factors affecting the countryside	Identify the natural geographical factors affecting the countryside	2	Ninth
Oral Testing	Lecture/Discussion	Human Geographic Factors Affecting the Rural Area	Identify human geographic factors affecting the countryside	2	Tenth
Oral Testing	Lecture/Discussion	Nature of Rural Land Uses	Knowing the nature of rural land uses	2	Eleventh
Oral Testing	Lecture/Discussion	Agricultural Site Theories (von Thunnen's Theorem)	Understanding Agricultural Site Theories (von Thunnen's Theorem)	2	XII
Oral Testing	Lecture/Discussion	The Relationship between Rural Geography and the Basic Branches of Geography	Identifying the relationship between rural geography and the basic branches of geography	2	Thirteenth
Oral Testing	Lecture/Discussion	The Relationship between Rural Geography and Secondary Geography Branches	The Relationship between Rural Geography and Secondary Geography Branches	2	Fourteenth
Oral Testing	Lecture/Discussion	Rural Community Concept	Understanding the Concept of	2	Fifteenth

			Rural Community		
Written Testing		Characteristics of a rural community	Identify the characteristics of a rural community	2	Sixteenth
Oral Testing	Lecture/Discussion	Foundations of Rural Community Classification	Knowing the basics of classifying a rural community	2	Seventeenth
Oral Testing	Lecture/Discussion	Rural community patterns	Identify rural community patterns	2	Eighteenth
Oral Testing	Lecture/Discussion	Some of the problems of the rural community	Identify some of the problems of the rural community	2	Nineteenth
Oral Testing	Lecture/Discussion	Factors influencing rural settlements	Identifying the factors affecting rural settlements	2	Twenty
Oral Testing	Lecture/Discussion	Economic and social factors	Identify economic and social factors	2	Twenty first
Oral Testing	Lecture/Discussion	Geographical and environmental distribution of rural settlements	Identify the geographical and environmental distribution of rural settlements	2	Twenty two
Written Testing	Lecture/Discussion	Rural Settlement Patterns	Identifying Rural Settlement Patterns	2	Twenty Three
Oral Testing	Lecture/Discussion	The Concept of Rural Settlement	Understanding the concept of rural settlement	2	Twenty fourth
Oral Testing	Lecture/Discussion	Factors Affecting the Formation of a Rural Settlement	Identify the factors influencing the formation of a rural settlement	2	Twenty Fifth
Oral Testing	Lecture/Discussion	Elements of the morphology of the rural settlement	Knowing the elements of rural settlement morphology	2	Twenty-sixth
Oral Testing	Lecture/Discussion	Elements of the morphology of	Knowing the impact of urban	2	Twenty Seventh

		the rural settlement	centers on the countryside		
Oral Testing	Lecture/Discussion	The Impact of Urban Centers on the Countryside	Knowledge of regional relations between urban and rural (agricultural)	2	Twenty Eight
Oral Testing	Lecture/Discussion	Regional Relations between Urban and Rural (Agricultural and Commercial Relations)	Knowledge of regional relations between urban and rural (agricultural)	2	Twenty Ninth
Written Testing		Population Relationship and Service Relationship	Knowledge of the population relationship and the service relationship	2	Thirty

214. Course Evaluation

Oral Tests

Written Tests

215. Learning and Teaching Resources

None	Required Textbooks (Methodology, if any)
1. Rural Geography - A General Theoretical Framework - Mazen Abdulrahman Al-Hiti	Main References (Sources)
2. Geography of the Countryside, Abdulrazaq Mohammed Al-Batihi Adel Abdullah Khattab	Recommended books and references (scientific journals, reports...)
--	Electronic References, Websites

Course Description Form

216. Course Name	
Geographical Research Methods	
217. Course Code	
EG309	
218. Semester / Year 2025/2026	
Annual	
219. Date this description was prepared	
1/9/2025	
220. Available Forms of Attendance	
Weekly	
221. Number of Hours (Total) / Number of Credits (Total)	
60 hours	
222. Course administrator name (if more than one name mentioned)	
Prof. Dr. Adnan Kazem Jabbar Al-Shaibani	
223. Course Objectives	
<p>The student should understand the concept of scientific research, science and knowledge in geography and its relationship to scientific research, steps of scientific research, research problem, research hypothesis, importance of research, research objectives, limits of research area, research methodology, research structure, scientific research methods, data collection, desk aspect, field aspect, research organization procedure, research writing style, citation and footnoting, data analysis</p>	<p>Course Objectives</p>
224. Teaching and Learning Strategies	
<p>Cognitive Goals A1. The student should know the methods of geographical research. A2- The student should be familiar with the formulation of the research problem.</p> <p>b. Skill objectives of the course.</p>	<p>Strategy</p>

B1- Applying the steps of geographical research for realistic problems
 B2- Writing a geographical research in an academic style
 B3. Geographical Data Analysis and Use of Techniques
 B4. Using field study methods in the data collection process
 C. Emotional and Values Goals
 C1- Developing the student's interest in scientific research in the field of geography
 C2 Commitment to Scientific Honesty and Avoiding Plagiarism and Theft
 A3: Enhancing the student's spirit of patience and perseverance

225. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	The Concept of Scientific Research	Sweating on the importance of scientific research	2	The first
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Science and Knowledge	The Importance of Science and How Knowledge Develops	2	The second
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Geography and its Relationship to Scientific Research	Understanding the nature of geography as a science and its relations to science	2	The third
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Scientific Research Steps	Identifying the steps of scientific research	2	Fourth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Research Problem	Formulation of the research problem	2	Fifth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Research Hypothesis	Trying to get to know the status of hypotheses	2	Sixth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Importance of Research	Asserting that research is important and without it becomes useless	2	Seventh
Written, Oral and Performing Exam	Lecture, questioning,	Research Objectives	Learn to Formulate	2	Eighth

	discussion and dialogue		Research Objectives		
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Search Area Boundaries	Teaching the student the mechanism of determining the study area in the field	2	Ninth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Research Methodology	Preparing a correct scientific methodology	2	Tenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Research Structure	Identify the development of the research plan and the necessary conditions for it	2	Eleventh
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Scientific Research Methods	Demonstrate the importance of methods in reaching the achievement of research objectives	2	XII
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Data Collection 1 - Desktop Side	Learn how data is collected from library sources	2	Thirteenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	2. Field aspect and direct observation	Learn how data is collected from field sources	2	Fourteenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Personal Interview	A student who is proficient in preparing the form	2	Fifteenth
	Lecture, questioning, discussion and dialogue	Questionnaire Form	Preparing the form systematically	2	Sixteenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Samples and Types	Demonstrating its importance and applications in geographical research	2	Seventeenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Rules to Consider When Writing	The student's commitment to the ethics of writing represented by honesty, honesty and documentation	2	Eighteenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Footnote	Explaining its importance and how to employ it	2	Nineteenth

			in geography research		
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Documentation of sources	Writing Conclusions in a Scientific and Logical Way	2	Twenty
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Writing Conclusions and Proposals	Writing a list of sources and references in a scientific and logical way	2	Twenty first
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Preparation of the list of sources and references	Arrange the first pages in a scientific and logical way	2	Twenty two
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Ranking the first pages of the research	Teach the student how to write an introduction	2	Twenty Three
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Write the introduction in a way	Teaching the student to write, prepare and deliver the abstract	2	Twenty fourth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Preparation of the research abstract	Reveal students' research skills	2	Twenty Fifth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Exercises for Writing Research in an Applied Manner	Teaching the student to write conclusions and suggestions	2	Twenty-sixth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue			2	Twenty Seventh
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue			2	Twenty Eight
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue			2	Twenty Ninth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue			2	Thirty
226. Course Evaluation					
Oral Tests Written Tests					
227. Learning and Teaching Resources					

<p>1- Muhammad Azhar Al-Samm et al., Fundamentals of Scientific Research, 1989.</p> <p>2- Khalaf Hussain Ali Al-Dulain Modern Trends in Geographical Research, 2007.</p>	<p>Required Textbooks (Methodology, if any)</p>
	<p>Main References (Sources)</p>
	<p>Recommended books and references (scientific journals, reports...)</p>
	<p>Electronic References, Websites</p>

Course Description Form

228. Course Name	
Natural Resources	
229. Course Code	
EG307	
230. Semester/ Year	
Annual	
231. Date this description was prepared	
1/9/2025	
232. Available Forms of Attendance	
Weekly	
233. Number of Hours (Total) / Number of Credits (Total)	
60 hours	
234. Course administrator name (if more than one name mentioned)	
Assoc. Prof. Dr. Jassim and Hawah Shati	
235. Course Objectives	
<p>1- Enabling the student to accurately distinguish between renewable resources (such as sun and water) and non-renewable resources (such as minerals and oil), and permanent resources.</p> <p>2- Understanding the cycle of resources in nature and how they are formed, and the natural and human factors that control their geographical distribution.</p> <p>3- Studying vital resources and soil resources and understanding their importance in environmental balance and food security.</p> <p>4- How can the geographer contribute to the development of plans for the exploitation of resources in a scientific way that serves the community ?</p>	<p>Course Objectives</p>
236. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p>A1. Understanding what natural resources are, their classification, origin and geographical distribution.</p>	<p>Strategy</p>

A2. Understanding the Spatial Distribution and Spatial Variation of Natural Resources in the Earth

A3- Knowing the methods of valuation, optimal investment, inventory and evaluation of natural resources.

A4. Understanding the relationship between resources and development and being aware of the problems they face

B. Skill Objectives of the Course

B1- Spatial survey and evaluation skills through satellite programs and visualizations

B2- Skills of economic and statistical analysis of data and the use of mathematical models

B3- Planning and sustainable development skills and knowledge of the feasibility of investing natural resources

B4- Deductive thinking skills, problem solving, and knowledge of ways to maintain resources

C. Emotional and Values Goals

C1- Developing awareness of national responsibility to conserve and optimize the use of natural resources

A2- Promoting the principle of geographical justice for deprived areas, their development and rejecting domination over them.

C3- Developing pride in the geographical identity of the country and deepening the love of attachment to the land and resources of the country

A4- Consolidating the principle of sustainability of natural resources and pride in wealth

237. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	The Origin and Concept of Natural Resources	Know what natural resources are and their types	2	The first
Oral Testing	Lecture/Discussion	Reasons for Geography's Interest in the Study of Natural Resources	The Role of Geography in the Study of Natural Resources	2	The second

Oral Testing	Lecture/Discussion	The Importance of Natural Resources	Understanding the importance of natural resources and their role in the national economy	2	The third
Oral Testing	Lecture/Discussion	Stages of exploitation and depletion of natural resources	Explaining the reasons for the depletion of natural resources	2	Fourth
Oral Testing	Lecture/Discussion	Classification of Natural Resources Causes of Their Depletion	Clarification of the types of natural resources on modern scientific foundations	2	Fifth
Oral Testing	Lecture/Discussion	Views of Economists on Resources and Food	The Role of Natural Resources in Achieving Food Security	2	Sixth
Oral Testing	Lecture/Discussion	Economic growth and limited natural resources	Knowing the most important expected scenarios of growth and its limitations	2	Seventh
Oral Testing	Lecture/Discussion	Soil Formation Processes	The Importance of Soil as a Natural Resource	2	Eighth
Written Testing	Lecture/Discussion	Soil Components and Properties - Soil Problems	Indicate the types of soils and their suitability for agricultural, industrial or other purposes	2	Ninth
Oral Testing	Lecture/Discussion	The Origin of Water Resources	The importance of water resources and their preservation from depletion	2	Tenth
Oral Testing	Lecture/Discussion	Water resources on Earth, their distribution patterns and factors affecting them	View the most important water resources and the sources of their formation or recharge	2	Eleventh
Oral Testing	Lecture/Discussion	Factors Affecting the Amount of Water in Rivers	Clarifying the role of geographical factors in	2	XII

			influencing water resources		
Oral Testing	Lecture/Discussion	Natural Resources in Shallow Water Bodies and Their Economic Value	The Importance of River and Lakes Water as a Natural Water Resource	2	Thirteenth
Oral Testing	Lecture/Discussion	Groundwater: Types, Characteristics and Problems	The role of groundwater as a water resource in dry or remote areas	2	Fourteenth
Oral Testing	Lecture/Discussion	The atmosphere: its concept and origin	What is the atmosphere and its importance as a natural resource	2	Fifteenth
Written Testing				2	Sixteenth
Oral Testing	Lecture/Discussion	Atmospheric Resources	Types of resources available in the atmosphere	2	Seventeenth
Oral Testing	Lecture/Discussion	Plants as a natural resource are understood and important	Clarifying the importance of natural plant resources and their importance to the environment and humans	2	Eighteenth
Oral Testing	Lecture/Discussion	Geographical Factors Affecting Natural Plants	See the effect of geographical factors on the geographical distribution of natural vegetation	2	Nineteenth
Oral Testing	Lecture/Discussion	Problems and methods of maintaining a natural plant	Study of the problems facing plant resources and indicate methods of their conservation	2	Twenty
Oral Testing	Lecture/Discussion	Livestock Resources	Livestock and its role in the biological and environmental balance	2	Twenty first
Oral Testing	Lecture/Discussion	Importance of Livestock	The importance of animal resources for humans and the	2	Twenty two

			preservation of balance and biodiversity		
Written Testing	Lecture/Discussion	Geographical Factors Affecting Livestock	Statement of the Impact of Natural and Human Factors on the Geographical Distribution of Livestock	2	Twenty Three
Oral Testing	Lecture/Discussion	Problems and methods of conservation of livestock conservation	Study of the problems facing livestock resources and indicate methods of their conservation	2	Twenty fourth
Oral Testing	Lecture/Discussion	Mineral Resources Its Concept and Importance	Study of minerals and energy resources as a natural resource	2	Twenty Fifth
Oral Testing	Lecture/Discussion	Classification of mineral resources	Knowing the most important types of mineral resources and energy resources according to scientific foundations	2	Twenty-sixth
Oral Testing	Lecture/Discussion	Ways to invest mineral resources	Clarifying the most important ways to invest in mineral and energy resources	2	Twenty Seventh
Oral Testing	Lecture/Discussion	Problems and methods of conservation of mineral resources	Study of the problems facing mineral resources and indicate methods of their maintenance	2	Twenty Eight
Oral Testing	Lecture/Discussion	Energy Resources and Their Importance	The Importance of Energy, Its Senses and Its Role in Human Life	2	Twenty Ninth
Written Testing				2	Thirty

238. Course Evaluation

Oral Exams 40 Marks

Written Exams 60 Marks

239. Learning and Teaching Resources	
<p>1- Wafiq Hussein Al-Khashab, Muhammad Mahdi Ali Al-Sahaf, Natural Resources (Their Nature, Definition, Varieties, Maintenance), Baghdad, Dar Al-Hurriya Printing, 1976.</p> <p>2- Safaa Abdul-Amir Rashem Al-Asadi, Geography of Natural Resources, University of Basra, 2016.</p>	Required Textbooks (Methodology, if any)
<p>Khalis Hosni Al-Ashab, Anwar Mahdi Saleh, Natural Resources and Conservation, University of Baghdad, 1988.</p>	Main References (Sources)
<p>1- Muhammad Azhar Saeed Al-Sammak, Studies in Economic Resources, 1st Edition, 1978.</p> <p>2- Ali Ali Al-Banna, Environmental Problems and Conservation of Natural Resources, Cairo, 2000.</p>	Recommended books and references (scientific journals, reports...)
<p>World Resources Institute (WRI) Official Website https://www.wir.org</p> <p>The Official Website of the World Development Bank https://www.data.worldbank.org</p> <p>Official website of the International Renewable Energy Agency (IRENA) https://www.irena.org</p>	Electronic References, Websites

Course Description Form

1. Geography course name	
Geography of Agriculture	
2. Course Code	
EG303	
3. Semester/ Year	
Annual	
4. Date this description was prepared	
1/9/2025	
5. Available Forms of Attendance	
Weekly	
6. Number of Hours (Total) / Number of Credits (Total)	
2 hours per week (total) 60 hours	
7. Course administrator name (if more than one name mentioned)	
Prof. Dr. Hamida Abdulhussein Mohamed	
8. Course Objectives	
<p>5- Developing geographical thinking and analytical skills.</p>	<p>1- Identify the concept of agricultural geography and its importance. Understanding the impact of natural and human factors on agricultural production. Analysis Farming patterns in the world. 4- Study agricultural problems Contemporary.</p>
Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p style="padding-left: 20px;">A1- The student should know the basic terms in agricultural geography Precisely defined.</p> <p style="padding-left: 20px;">A2. Explain the relationship between the elements of the environment and agricultural activity.</p> <p style="padding-left: 20px;">A3. Explain the difference in cultivation patterns between the different regions.</p> <p style="padding-left: 20px;">A4. Distinguish between the types of agricultural crops and the characteristics of each of them.</p> <p>b. Skill objectives of the course.</p>	<p>Strategy</p>

B1- The student should apply geographical concepts in the analysis of agricultural activities.
 B2. Draw and read agricultural maps.
 B3- To compare the cultivation patterns in different regions.
 B4. Conduct short reports or researches on agricultural topics.

C. Emotional and Values Goals
 C1- To appreciate the importance of agriculture in human life and the economy.
 C2 To be concerned with the conservation of natural resources.
 C3 Showing awareness of environmental and agricultural problem
 A4 To promote the spirit of responsibility towards sustainable agricultural development.

9. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	Definitions of the geography of agriculture and its stages of development	The student should know the concept of agricultural geography and explain Stages of its development	2	The first
Oral Testing	Lecture/Discussion	The Relationship between the Geography of Agriculture and Other Sciences	The student should distinguish between agricultural geography and other sciences	2	The second
Oral Testing	Lecture/Discussion	Research Methods in the Geography of Agriculture	The student should be able to choose the appropriate curriculum for each agricultural topic	2	The third
Oral Testing	Lecture/Discussion	Al-Aw, the natural hope affecting agricultural production (climate)	Explain the factors that affected agricultural production	2	Fourth
Oral Testing	Lecture/Discussion	Surface Properties	To link the nature of the surface with the agricultural produce	2	Fifth
Oral Testing	Lecture/Discussion	Soil Properties	Link soil properties to agricultural production	2	Sixth
Oral Testing	Lecture/Discussion	Water resources	The student should link water resources with agricultural production	2	Seventh
Oral Testing	Lecture/Discussion	Natural Plant	The student should link the natural plant with agricultural production	2	Eighth

Written Testing	Lecture/Discussion	Factors of life	If the student explained the relationship between any factors of brotherhood and the production of consciousness	2	Ninth
Oral Testing	Lecture/Discussion	Human factors (population characteristics)	The student should explain the relationship between the characteristics of the population and agricultural production	2	Tenth
Oral Testing	Lecture/Discussion	Population distribution	The student should be able to map the distribution of the population	2	Eleventh
Oral Testing	Lecture/Discussion	Laws & Legislation	The student should link government education and agricultural production.	2	XII
Oral Testing	Lecture/Discussion	Marketing & Credit	The student should explain the impact of marketing and credit on agricultural production.	2	Thirteenth
Oral Testing	Lecture/Discussion	Transportation Methods and Means	The student should explain the impact of transportation and its methods on agricultural production.	2	Fourteenth
Oral Testing	Lecture/Discussion	Scientific and technological progress	The student should be able to understand the importance of scientific progress and its applications in agricultural production.	2	Fifteenth
Written Testing		Hybridization and Cultivar Improvement	The student should link hybridization to agricultural production	2	Sixteenth
Oral Testing	Lecture/Discussion	Irrigation methods and methods	The student should know the concept of irrigation, its methods and its importance in agricultural production.	2	Seventeenth
Oral Testing	Lecture/Discussion	Agricultural Annexation (Extensive Agriculture)	The student should know the concept of agricultural jointing and its types	2	Eighteenth
Oral Testing	Lecture/Discussion	Intensive agriculture	The student should distinguish between intensive agriculture and agriculture Other	2	Nineteenth
Oral Testing	Lecture/Discussion	Mixed agriculture	The student should explain the characteristics of the	2	Twenty

			different agriculture and the factors affecting it.		
Oral Testing	Lecture/Discussion	Classification of agricultural crops	The student should know the concept of classification of agricultural crops	2	Twenty first
Oral Testing	Lecture/Discussion	Cereal crops	The student should distinguish the types of cereal crops from other crops	2	Twenty two
Written Testing	Lecture/Discussion	Legumes crops	The student should distinguish between legumes and their purpose	2	Twenty Three
Oral Testing	Lecture/Discussion	Green Forage Crops	The student should know what are the green fodder crops	2	Twenty fourth
Oral Testing	Lecture/Discussion	Fiber crops	The student should know what is meant by fiber crops and what is their importance	2	Twenty Fifth
Oral Testing	Lecture/Discussion	Oil crops	The student should know the types of oil crops and what is the most important	2	Twenty-sixth
Oral Testing	Lecture/Discussion	Sugar crops	The student should know what sugar crops are and the distribution of their production globally	2	Twenty Seventh
Oral Testing	Lecture/Discussion	Stimulant crops	The student should know what is meant by stimulant crops and conditions Suitability for its production	2	Twenty Eight
Oral Testing	Lecture/Discussion	Fruits and vegetables	The student should know the factors affecting the distribution of fruit and vegetable production.	2	Twenty Ninth
Written Testing		Animal Production	The student should know the extent of the contribution of animal production to the total. Agricultural Production	2	Thirty

10. Course Evaluation

Oral Tests

Written Tests

11. Learning and Teaching Resources

Required Textbooks (Geography of Agriculture)

Nouri Khalil

Fecal

	Main References (Geography of Agriculture) by Iliraj Al-Mashhadani
	Recommended books and references (scientific journals, reports...)
	Electronic References, Websites

Course Description Form

96. Course Name	
Geography of cities	
97. Course Code	
98. Semester/ Year2025-2026	
Annual	
99. Date this description was prepared	
1/9/2025	
100. Available Forms of Attendance Built-in (Class + Electronic)	
Weekly	
101. Number of Hours (Total) / Number of Credits (Total)	
2 hours	
102. Course administrator name (if more than one name mentioned)	
Prof. Dr. Maher Nasser Abdullah	
103. Course Objectives	
<ul style="list-style-type: none"> • 	<p>The objectives of the course aim to identify origin, development, and growth of the cities and the role of the Arabs in choosing locations and locations of cities.</p>
104. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p style="padding-left: 20px;">A1- Knowledge of the origin of the origin and development cities</p> <p style="padding-left: 20px;">A2. Identifying the factors of urbanization</p> <p style="padding-left: 20px;">A3. Knowing what internal structure theories are</p> <p style="padding-left: 20px;">A4-</p> <p>b. Skill objectives of the course.</p> <p style="padding-left: 20px;">B1- Spatial and cartographic analysis skills</p> <p style="padding-left: 20px;">B2. Urban Quantification Skills</p> <p style="padding-left: 20px;">B3- Field study skills</p> <p style="padding-left: 20px;">B4-</p> <p>C. Emotional and Values Goals</p> <p style="padding-left: 20px;">C1- Developing Belonging and Awareness of Urban Identity</p>	<p>Strategy</p>
105. Course Structure	

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	The importance of studying the geography of cities	Recognizing the importance of the geography of cities	2	The first
Oral Testing	Lecture/Discussion	The role of Arabs in choosing the locations of cities	Knowing the role of Arabs in choosing the locations of cities	2	The second
Oral Testing	Lecture/Discussion	Methods of research	Identify research methods in the geography of cities	2	The third
Oral Testing	Lecture/Discussion	Differentiating between a city and a village	Learn how to differentiate between a city and a village	2	Fourth
Oral Testing	Lecture/Discussion	Urbanization and urbanization	Understanding the difference between urbanization and urbanization	2	Fifth
Oral Testing	Lecture/Discussion	Theory of Centralized Circuits	Knowing what is the theory of concentric circuits	2	Sixth
Oral Testing	Lecture/Discussion	Sector Theory	Know what sector theory is	2	Seventh
Oral Testing	Lecture/Discussion	Multinucleus theory	Knowledge is the theory of multiple nuclei	2	Eighth
Written Testing	Lecture/Discussion	Theory of central places	Knowledge of the theory of central places	2	Ninth
Oral Testing	Lecture/Discussion	Classification of cities	Learn about city classification	2	Tenth
Oral Testing	Lecture/Discussion	Residential Function	Know what a residential function is	2	Eleventh
Oral Testing	Lecture/Discussion	Suburbs and urban periphery	Understanding the concept of suburbs and urban periphery	2	XII
Oral Testing	Lecture/Discussion	Suburban development	Understanding the development of the suburbs	2	Thirteenth
Oral Testing	Lecture/Discussion	Business Function	Knowledge of the business function	2	Fourteenth
Oral Testing	Lecture/Discussion	Ways to define a central business district	Learn how to define a central business district	2	Fifteenth
Written Testing		Patterns of commercial use	Knowing the patterns of commercial use	2	Sixteenth
Oral Testing	Lecture/Discussion	The concept of the recreational function	Knowledge of the concept of the entertainment function	2	Seventeenth

Oral Testing	Lecture/Discussion	Types of Recreational Use	Knowing the types of recreational land use	2	Eighteenth
Oral Testing	Lecture/Discussion	Distribution of Recreational Services	Learn about the distribution of entertainment services	2	Nineteenth
Oral Testing	Lecture/Discussion	City Plan	Knowing the City Plan	2	Twenty
Oral Testing	Lecture/Discussion	Radial Diagram	Knowledge of the radiographic	2	Twenty first
Oral Testing	Lecture/Discussion	Bar Chart	Knowing the bar chart	2	Twenty two
Written Testing	Lecture/Discussion	Chess Chart	Knowledge of the Chess Chart	2	Twenty Three
Oral Testing	Lecture/Discussion	Soft Chart	Knowledge of the Lean Chart	2	Twenty fourth
Oral Testing	Lecture/Discussion	City sizes	Recognize the size of cities	2	Twenty Fifth
Oral Testing	Lecture/Discussion	Factors affecting size	Find out what factors affect city sizes	2	Twenty-sixth
Oral Testing	Lecture/Discussion	Geographical Factors	Identify geographic factors	2	Twenty Seventh
Oral Testing	Lecture/Discussion	City Law	Knowledge of City Law	2	Twenty Eight
Oral Testing	Lecture/Discussion	The Economic Basis of Cities	Understanding the Economic Basis of Cities	2	Twenty Ninth
Written Testing		Methods of measuring the economic basis	Identify ways to measure the economic basis	2	Thirty

106. Course Evaluation

Oral Tests

Written Tests

107. Learning and Teaching Resources

	Required Textbooks (Methodology, if any)
Geography of Cities, Othman Muhammad Ghoneim, Hassan Muhammad Al-Akhras, Dar Manhajiyah for Publishing and Distribution, 2016	Main References (Sources)
1 Sabri Fares Al-Hiti, Geography of Cities, Safaa Publishing and Distribution, Amman, 2010	Recommended books and references (scientific journals, reports...)
	Electronic References, Websites

Course Description Form

240. Course Name

Geography of the Americas

241. Course Code	
EG305	
242. Semester/ Year	
Annual	
243. Date this description was prepared	
1/9/2025	
244. Available Forms of Attendance	
Weekly	
245. Number of Hours (Total) / Number of Credits (Total)	
60 hours	
246. Course administrator name (if more than one name mentioned)	
Prof. Dr. Latif Kamel Klewi	
247. Course Objectives	
<ul style="list-style-type: none"> The student should be able to determine the geographical location of the Americas, understand and analyze the characteristics of the surface, climate, and resources, as well as review the demographic and economic characteristics of each. 	Course Objectives
248. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p>A1. The student should know the general foundations of regional geography.</p> <p>A2. The student should understand how the geographical phenomena interact within the framework of the place.</p> <p>A3- The student should know the distribution of geographical phenomena in the continents of North and South America.</p> <p>A4-</p> <p>b. Skill objectives of the course.</p> <p>B1. The student should be able to distribute geographical phenomena in the two American continents.</p> <p>B2. Draw a map of the continents of North and South America, distributed among the countries.</p> <p>B3-</p> <p>B4-</p> <p>C. Emotional and Values Goals</p> <p>A1- The student should know the ability of God Almighty in creating nature</p> <p>A2- The student should feel the importance of the geographical specialization in his life</p>	Strategy

A3- The student should understand that the world is vast and diverse in all geographical aspects.

249. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	The concept of regional geography and the similarities and differences between the Americas	Student's Definition of the Concept of Regional Geography	2	The first
Oral Testing	Lecture/Discussion	Introduction to the study of North America	Introducing the student to the natural nature of the continent	2	The second
Oral Testing	Lecture/Discussion	Topography in North America	Introducing the student to the characteristics of the continent's climate	2	The third
Oral Testing	Lecture/Discussion	Climatic characteristics of the North American continent	Introducing the student to the climatic regions	2	Fourth
Oral Testing	Lecture/Discussion	Natural Plant in North America	Introducing the student to the natural plant	2	Fifth
Oral Testing	Lecture/Discussion	Soils in North America	Introducing the student to the soil on the continent	2	Sixth
Oral Testing	Lecture/Discussion	Water Resources in North America	Introducing the student to water resources	2	Seventh
Oral Testing	Lecture/Discussion	Demographics of North America	Introducing the student to human characteristics	2	Eighth
Oral Testing	Lecture/Discussion	Economic characteristics of the North American continent	Introducing the student to the economic characteristics	2	Ninth
Oral Testing	Lecture/Discussion	Agricultural Regions of North America	Introducing the student to the agricultural regions	2	Tenth

Oral Testing	Lecture/Discussion	Cotton, Dairy and Meat Production Region on the Continent	Introducing the student to the requirements of agricultural crops	2	Eleventh
Oral Testing	Lecture/Discussion	Dry and irrigated agriculture in North America	Student Definition of Dry Agriculture	2	XII
Oral Testing	Lecture/Discussion	Mineral Wealth in North America	Introducing the student to mineral wealth	2	Thirteenth
Oral Testing	Lecture/Discussion	Characteristics of the industry on the continent	Introducing the student to the industry on the continent	2	Fourteenth
Oral Testing	Lecture/Discussion	Transportation in North America	Student Definition of Transportation on the Continent	2	Fifteenth
Written Testing		First Semester Exam	Student Definition of the Concept of Regional Geography of South America	2	Sixteenth
Oral Testing	Lecture/Discussion	Introduction to the study of the continent of South America	Introducing the student to the geographical location and characteristics Geological and Surface Sections	2	Seventeenth
Oral Testing	Lecture/Discussion	Topography in South America	Introducing the student to the climatic characteristics	2	Eighteenth
Oral Testing	Lecture/Discussion	Climatic characteristics of the South American continent	Introducing the student to the climatic regions	2	Nineteenth
Oral Testing	Lecture/Discussion	Natural Plant in South America	Introducing the student to the natural plant	2	Twenty
Oral Testing	Lecture/Discussion	Soils in South America	Introducing the student to the soil on the continent	2	Twenty first
Oral Testing	Lecture/Discussion	Water Resources in South America	Introducing the student to water resources	2	Twenty two
Oral Testing	Lecture/Discussion	Demographics of South America	Introducing the student to human characteristics	2	Twenty Three

Oral Testing	Lecture/Discussion	Economic characteristics of the South American continent	Introducing the student to the economic characteristics	2	Twenty fourth
Oral Testing	Lecture/Discussion	Agricultural characteristics in South America	Introducing the student to the agricultural regions	2	Twenty Fifth
Oral Testing	Lecture/Discussion	Mineral Wealth in South America	Introducing the student to the requirements of agricultural crops	2	Twenty-sixth
Oral Testing	Lecture/Discussion	Industry characteristics and geographical distribution of the industrial regions of the continent	Introducing the student to the dry agriculture regions	2	Twenty Seventh
Oral Testing	Lecture/Discussion	Transportation in South America	Introducing the student to the mineral wealth of the continent	2	Twenty Eight
Oral Testing	Lecture/Discussion	Overview	Introducing the student to the industry and its regions in the continent	2	Twenty Ninth
Written Testing		Second Semester Exam	Introducing the student to transportation on the continent	2	Thirty

250. Course Evaluation

Oral Tests
Written Tests

251. Learning and Teaching Resources

Ali Sahib Taleb Al-Moussawi, Geography of the Americas, 1st Edition, University of Kufa, 2007	Required Textbooks (Methodology, if any)
Azad Muhammad Amin, Geography of the Americas. 1st Edition, University of Basra, 1985	Main References (Sources)
	Recommended books and references (scientific journals, reports...)
Internet Resources	Electronic References, Websites

Course Description Form

252. Course Name	
Counseling and mental health	
253. Course Code	
EG313	
254. Semester/ Year	
Annual	
255. Date this description was prepared	
1/9/2025	
256. Available Forms of Attendance	
Weekly	
257. Number of Hours (Total) / Number of Credits (Total)	
60 hours	
258. Course administrator name (if more than one name mentioned)	
Eng. Dr. Marwa Sami Judeh	
259. Course Objectives	
<p>Introducing students to the importance of counseling and mental health in community life. 2. Introducing students to the fields of counseling and psychological guidance. 3. Applying the correct educational foundations that students learn in their daily lives. 4. Identify the correct educational applications of counseling and mental health to benefit from them in public life.</p>	<p>Objectives of the course:</p>
260. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p style="padding-left: 20px;">A1- Students' knowledge of the importance of psychological counseling.</p> <p style="padding-left: 20px;">A2- Students' knowledge of mental health and its importance in daily life.</p> <p>b. Skill objectives of the course.</p> <p style="padding-left: 20px;">B1- Applying the correct educational foundations that students learn in their daily lives.</p>	<p>Strategy</p>

B2- Identifying the correct educational applications of counseling and mental health to benefit from them in public life.

C. Emotional and Values Goals

A1- Building a positive self-concept and self-realization among students.

2. Achieving psychological and social compatibility among students

261. Course Structure

Evaluation Method	Learning method	Required Learning Outcomes	Unit Name or Subject	Watches	The week
Oral Testing	Lecture/Discussion	Introducing the student to counseling and psychological guidance and its goals.	The concept of counseling and psychological guidance and its objectives	2	The first
Oral Testing	Lecture/Discussion	Introducing the student to the justifications of psychological counseling	Justifications for psychological counseling	2	The second
Oral Testing	Lecture/Discussion	Knowledge of the most important justifications on which psychological counseling is based.	The principles on which it is based	2	The third
Oral Testing	Lecture/Discussion	The student's knowledge of the general sciences that have to do with psychological counseling, such as psychology, sociology, and law. Insist	The relationship of counseling with other sciences	2	Fourth
Oral Testing	Lecture/Discussion	The student's knowledge of the concept of therapeutic, professional and educational counseling.	Fields of Psychological Counseling (Therapeutic Counseling, Educational Counseling, Vocational Counseling)	2	Fifth

Oral Testing	Lecture/Discussion	Introduce the student to the concept of marital counseling and family counseling, the problems he deals with and how to address them.	Fields of Psychological Counseling (Marital Counseling – Family Counseling)	2	Sixth
Oral Testing	Lecture/Discussion	Introduce the student to the concept of child counseling, youth counseling, their problems and how to address them.	Areas of Psychological Counseling (Child Counseling, Youth Counseling, Elder Counseling)	2	Seventh
Oral Testing	Lecture/Discussion	Introduce the student to the concept of mentoring unusual individuals and how to address their problems.	Fields of Psychological Counseling (Counseling for the Exceptional)	2	Eighth
Written Testing	Lecture/Discussion	The student's knowledge of the types of counseling methods such as individual counseling and group counseling.	The concept of counseling methods and their types (individual counseling – group counseling)	2	Ninth
Oral Testing	Lecture/Discussion	The student's definition understands the foundations of the philosophical, ethical and social counseling process and the importance of applying it in the field of psychological counseling.	Foundations of the Counseling Process (Philosophical, Psychological, Ethical, and Social)	2	Tenth
Oral Testing	Lecture/Discussion	The student's knowledge of psychoanalytic theory and its importance in explaining the behavior of the individual and his problems.	Psychoanalytic theory and its application in the counseling process		Eleventh
Oral Testing	Lecture/Discussion	The student's knowledge of behavioral theory and its importance in explaining the individual's behavior and solving his problems	Behavioral Theory and its Application in the Counseling Process	2	XII

Oral Testing	Lecture/Discussion	The student's knowledge of the theory of humanity and its importance in explaining the behavior of the individual and solving his problems	Humanistic Theories and Their Application in the Counseling Process	2	Thirteenth
Oral Testing	Lecture/Discussion	The student's knowledge of the concept of the educational teacher and his functions in solving students' problems	The Teacher Mentor - Its Importance - and its Functions	2	Fourteenth
Oral Testing	Lecture/Discussion	The student's knowledge of the concept of the educational counselor and his functions in solving students' problems	The Educational Counselor - His Importance - and His Functions	2	Fifteenth
Written Testing		Students should be aware of educational counseling problems such as academic delays, cheating, theft, their causes, and how to address them.	Problems Addressed by Educational Counseling (Academic Delay, Cheating, Theft)	2	Sixteenth
Oral Testing	Lecture/Discussion	Students are aware of the problems of educational counseling such as aggression, sabotage, choice of specialization, its reasons and how to address them.	Problems Addressed by Educational Counseling (Aggression - Desertion - Choosing the Right Specialization)	2	Seventeenth
Oral Testing	Lecture/Discussion	The student's knowledge of the concept of mental health and its mental, physical and psychological fields, and the most important sciences related to it.	The Concept of Mental Health - Its Importance - Its Relationship with Other Sciences	2	Eighteenth
Oral Testing	Lecture/Discussion	Introducing the student to the normal person and the wrong person.	The concept of the normal and the wrong person	2	Nineteenth
Oral Testing	Lecture/Discussion	The student meets the criteria of good personality.	Criteria of Normal Personality	2	Twenty
Oral Testing	Lecture/Discussion	Introduce the student to the features of the behavior of the normal person.	Features of Normal and Bad Behavior	2	Twenty first

Oral Testing	Lecture/Discussion	Knowledge of psychological stress, its causes, and how to treat it.	The Concept of Psychological Stress	2	Twenty two
Written Testing	Lecture/Discussion	The student's knowledge of psychological crises, their causes, and how to treat them.	The concept of psychological crises and their causes	2	Twenty Three
Oral Testing	Lecture/Discussion	The student's knowledge of mental disorders, their causes, and how to treat them.	The concept of mental disorders and their causes	2	Twenty fourth
Oral Testing	Lecture/Discussion	The student is aware of the most important forms of psychological disorders such as psychosis and neurosis ... etc.	Images of mental disorders	2	Twenty Fifth
Oral Testing	Lecture/Discussion	Introduce the student to the concept of frustration, its most important causes, and how to get rid of it.	The concept of frustration - its sources and consequences	2	Twenty-sixth
Oral Testing	Lecture/Discussion	Introduce the student to the individual's defense mechanisms and how to use them.	The Concept of Defense Mechanisms - Its Types	2	Twenty Seventh
Oral Testing	Lecture/Discussion	The student is aware of the concept of adaptation and personal and social compatibility.	The concept of adaptation, compatibility and the relationship between them	2	Twenty Eight
Oral Testing	Lecture/Discussion	Knowledge of the student's characteristics and the importance of them in achieving success in the areas of life	Characteristics of a Compatible Person	2	Twenty Ninth
Written Testing				2	Thirty

262. Course Evaluation

Oral Tests

Written Tests

263. Learning and Teaching Resources

Dr. Fahem Al-Tarihi, Dr. Has Rabie)

Required Textbooks

Mental Health and Psychology Counseling – Author: Alaa Al-Kafafi)

Primary References

(Scientific journals, reports...)	Recommended books and references
	Electronic References, Websites

Course Description Form

264. Course Name	
Geography of Industry	
265. Course Code	
EG302	
266. Semester/ Year 2025 - 2026	
Annual	
267. Date this description was prepared	
1/9/2025	
268. Available Forms of Attendance	
Weekly	
269. Number of Hours (Total) / Number of Credits (Total)	
60 hours	
270. Course administrator name (if more than one name mentioned)	
Eng. Rahman Jamil Saad	
271. Course Objectives	
<p>After completing the stage, the student should know the basics of the industry and its geographical components and its impact on its spatial distribution and learn its methods of measurement</p>	<p>Course Objectives</p>
272. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p>A1. The student should understand the definition of industrial geography and its importance.</p> <p>A2. Knowledge of research methods in industrial geography and the standards used therein.</p> <p>A3. Knowledge of the data sources used in the geography of the industry and how to collect them .</p> <p>A4- Knowing the historical dimension of the emergence of industry and its impact on human life.</p> <p>b. Skill objectives of the course.</p> <p>B1. The possibility of linking the place with the industrial activities.</p> <p>B2. Determine the most suitable type of industry based on what the place provides.</p> <p>B3. Study the environment of the community and determine the type of industry suitable for it.</p>	<p>Strategy</p>

B4. Determine the appropriate and feasible methods for industrial investment according to the potential of the region or the country.

C. Emotional and Values Goals

A1- Teaching students the importance of industry and its role in developing the reality of industrial activity within the country and its impact on the life of the population and their development materially, scientifically and civilizationally, and industry has an active and developed role capable of facing difficult challenges by providing job opportunities for all segments of society, eliminating unemployment, raising the standard of living of the population and developing economic development.

273. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	The Importance of Industry, A Brief History of the Importance of Industry, Introduction to the Geography of Industry	Knowledge of the concept of industrial geography, and the historical dimension of its emergence	2	The first
Oral Testing	Lecture/Discussion	Research Methods in Industrial Geography	Knowledge of the approaches used in the geography of industry	2	The second
Oral Testing	Lecture/Discussion	Basic Criteria for Industry Geography	Know the criteria against which the industry is measured	2	The third
Oral Testing	Lecture/Discussion	Data Sources in Industrial Geography, Industrial Activity Concepts	Identify the sources by which data are collected in studies	2	Fourth
Oral Testing	Lecture/Discussion	Concept of Extractive Industry	Knowledge and importance of the manufacturing industry	2	Fifth
Oral Testing	Lecture/Discussion	Manufacturing Concept	Manufacturing Knowledge and Applications	2	Sixth
Oral Testing	Lecture/Discussion	The concept of industrial growth	Knowledge of Industrial Growth and How It Occurs	2	Seventh

Oral Testing	Lecture/Discussion	Industrial Development Concept	Development Knowledge and Mechanisms	2	Eighth
Written Testing	Lecture/Discussion	Manufacturing Concept, Industrial Structure	Knowledge of the industrial structure and its role in the economic structure	2	Ninth
Oral Testing	Lecture/Discussion	The Concept of Industrial Links	Know the links between industries and their importance	2	Tenth
Oral Testing	Lecture/Discussion	The Origin and Development of the Industry	Knowledge of the key milestones of the industry's development	2	Eleventh
Oral Testing	Lecture/Discussion	Classification of Industrial Activity,	Knowledge of the mechanism of classification of industries and their importance	2	XII
Oral Testing	Lecture/Discussion	Factors of Industry Factors Nature, Surface Factors	Knowing the impact of the surface on the establishment and localization of industry	2	Thirteenth
Oral Testing	Lecture/Discussion	Geological Structure, Geographical Location	Knowledge of the impact of geology and geographical location on the localization of industry	2	Fourteenth
Oral Testing	Lecture/Discussion	Climate, Land and Soil Uses	Knowing the impact of climate on the type of industry	2	Fifteenth
Written Testing		Water Resources	Knowing the Impact of Water on Industrial Activity	2	Sixteenth
Oral Testing	Lecture/Discussion	Economic factors, raw materials,	Knowledge of the role of economic factors in industrial activity	2	Seventeenth
Oral Testing	Lecture/Discussion	The relationship between raw materials, industrial site, and market	Knowing the Impact of Raw Materials and Their Impact on Industrial Site Determination	2	Eighteenth

Oral Testing	Lecture/Discussion	The relationship between the market and the industrial site	Knowing the impact and capacity of the market in determining the industrial location, size and type of products	2	Nineteenth
Oral Testing	Lecture/Discussion	Capital, the relationship between capital and industrial location	Knowing the impact of capital on industrial activity	2	Twentieth
Oral Testing	Lecture/Discussion	Energy Sources, Their Importance, Development and Impact on the Localization of Industry	Knowing the role of energy and its types on the localization of industry	2	Twenty first
Oral Testing	Lecture/Discussion	Transport and Communications and their Impact on the Localization of Industry	Knowing the Impact of Transportation on Industrial Positioning	2	Twenty two
Written Testing	Lecture/Discussion	Consolidation savings, concept and impact	Knowing the impact of industrial clusters and their impact on industry and place	2	Twenty Three
Oral Testing	Lecture/Discussion	Demographics, Labor Force and Population and Industry Interaction	Knowing the role of the population in terms of size and gender in attracting the industry to them	2	Twenty fourth
Oral Testing	Lecture/Discussion	Government Intervention and its Role in Guiding Industry	Knowing the impact of government decisions on the localization and protection of industrial activity and vice versa	2	Twenty Fifth
Oral Testing	Lecture/Discussion	Industrial Site Theories	Knowledge of the theories that have determined the impact of transport on industrial site.	2	Twenty sixth
Oral Testing	Lecture/Discussion	Concentration and dispersion	Knowing the impact of concentration and	2	Twenty Seven

			dispersion on industry and place		
Oral Testing	Lecture/Discussion	Change and transformation	Knowing the causes and effects of spatial change and transformation of industries	2	Twenty Eight
Oral Testing	Lecture/Discussion	Industrial Site Change Policies	Know the policies on which the industrial site change is based	2	Twenty Ninth
Written Testing		UK experience, France experience	Knowledge of the experiences that countries have gone through in the past to solve industrial problems	2	Thirty

274. Course Evaluation

Oral Tests
Written Tests

275. Learning and Teaching Resources

The Book of Industrial Geography (Contemporary Perspective) Muhammad Azhar Saeed Al-Sammak	Required Textbooks (Methodology, if any)
The Geography of Industry Book (Auth Zahra Ali Al-Janabi)	Main References (Sources)
- The Book of Industrial Geography (Contemporary Perspective) by Muhammad Azhar Saeed Al-Sammak - The Book of the Foundations of Industrial Geography and its Applications Auth Abbas Ali Al-Tamimi and Muhammad Azhar Saeed Al-Sammak	Recommended books and references (scientific journals, reports...)
	Electronic References, Websites

Course Description Form

276. Course Name	
Modern History of Iraq	
277. Course Code	
EG311	
278. Semester/ Year	
Annual	
279. Date this description was prepared	
1/9/2025	
280. Available Forms of Attendance	
Weekly	
281. Number of Hours (Total) / Number of Credits (Total)	
60 hours	
282. Course administrator name (if more than one name mentioned)	
Prof. Dr. Naim Odeh Safar	
283. Course Objectives	
•	Course Objectives
284. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p>A1- Understanding what is Iraq's modern history, its importance and its distinguished position in the world.</p> <p style="padding-left: 20px;">A2- Understanding the characteristics from a civilizational point of view is considered a center of the oldest civilizations</p> <p style="padding-left: 20px;">A3 - It is the point of connection between the continents of the ancient world.</p> <p style="padding-left: 20px;">A4- Knowing its importance in the process of colonial competition between the Ottoman Empire and Persia</p> <p>b. Skill objectives of the course.</p> <p style="padding-left: 20px;">B1- The skill of knowing the most prominent theories that dealt with the emergence of the Ottoman Empire</p> <p style="padding-left: 20px;">B2- The skill of knowing the Ottoman system of government and administration</p> <p style="padding-left: 20px;">B3- The skill of knowing the position of the Ottoman Empire towards the local powers in Iraq.</p> <p style="padding-left: 20px;">B4- The skill of knowing the attempts of the Ottoman reform and their reflection in Iraq (the economic aspect).</p> <p>C. Emotional and Values Goals</p>	<p>Strategy</p>

C1. Developing awareness of national responsibility and maintaining the unity of the country
 A2: Taking pride in the country's historical identity and deepening the love of connection with the land
 C3 Consolidating the Principle of Sustainability and Pride in Wealth

285. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	<p>Giving the vocabulary of the curriculum and identifying the sources of the subject of modern Iraqi history</p> <p>In this lecture to students, we relied on the two prescribed books, especially the first one :</p> <p>1. Dr. Ibrahim Khalil Ahmed : History of the Arab World in the Ottoman Era 1516 – 1916 .</p> <p>2. Al-Dakoura Inas Saadi Abdullah Modern History of Iraq 1258-1918 AD .</p>	<p>Identify the curriculum vocabulary for the new academic year and give a brief overview of Iraq's modern history</p>	2	The first
Oral Testing	Lecture/Discussion	<p>The strategic importance of the Arab world economically.</p>	<p>Knowing the importance of the Arab World website</p>	2	The second

Oral Testing	Lecture/Discussion	The Emergence of the Ottoman Empire and the Most Prominent Theories.	Learn how the Ottoman Empire came to be	2	The third
Oral Testing	Lecture/Discussion	The Portuguese invasion of the Arabian Gulf and the Red Sea and its impact on Iraq	Knowing the power of the Portuguese and their impact on Iraq	2	Fourth
Oral Testing	Lecture/Discussion	Ottoman control of Iraq	Recognizing the Impact of Ottoman Control	2	Fifth
Oral Testing	Lecture/Discussion	Ottoman control of the Persian Gulf.	Recognizing the Impact of Ottoman Control	2	Sixth
Oral Testing	Lecture/Discussion	Ottoman system of government, administration and military institutions Political and administrative organization	Identifying the administrative and military organization of the Ottoman Empire	2	Seventh
Oral Testing	Lecture/Discussion	First month exam		2	Eighth
Written Testing	Lecture/Discussion	The governor and the military establishment	Knowledge of the Wali Administration of the Military Institution	2	Ninth
Oral Testing	Lecture/Discussion	Economic and Social Situation	Learn about the country's economy	2	Tenth
Oral Testing	Lecture/Discussion	The Ottoman Empire and Local Power Mamluks in Baghdad	Knowledge of the local ruling power	2	Eleventh
Oral Testing	Lecture/Discussion	Galileans in Mosul, Pabani family in Sulaymanaba	Knowledge of the local ruling power	2	XII
Oral Testing	Lecture/Discussion	Basra and the Ottoman Influence in the Persian Gulf	Identifying the role of the Ottomans in Basra	2	Thirteenth

Oral Testing	Lecture/Discussion	Growing European influence in Iraq The British East India Company and its influence in Iraq	Knowledge of the new European influence	2	Fourteenth
Oral Testing	Lecture/Discussion	European Political Influence and its Impact on Iraq	Recognizing the Influence of European Political Influence	2	Fifteenth
Written Testing		Second Month Exam		2	Sixteenth
Oral Testing	Lecture/Discussion	Attempts at Ottoman reform and its repercussions on Iraq (military, social, and economic aspect)	Identify the Sultan-led reform movements	2	Seventeenth
Oral Testing	Lecture/Discussion	Administrative and social reforms	Identify the Sultan-led reform movements	2	Eighteenth
Oral Testing	Lecture/Discussion	Administrative and social reforms	Identify the Sultan-led reform movements	2	Nineteenth
Oral Testing	Lecture/Discussion	Factors that were behind the difficulty of implementing the Ottoman reforms.	Knowing the factors that stand in the way of repair	2	Twenty
Oral Testing	Lecture/Discussion	Religious Movements	Knowing the factors that stand in the way of repair	2	Twenty first
Oral Testing	Lecture/Discussion	The Impact of the Reform Movement on Iraq (Medhat Pasha) Economic Life	Knowing the factors that stand in the way of repair	2	Twenty two
Written Testing	Lecture/Discussion	Social life	Knowing the factors that stand in the way of repair	2	Twenty Three

Oral Testing	Lecture/Discussion	Medhat Pasha's reforms in education, printing and journalism	Knowing the most prominent reformers	2	Twenty fourth
Oral Testing	Lecture/Discussion	The Importance of Iraq to British Policy at the Beginning of the Twentieth Century	Recognizing Iraq's Importance to British Policy	2	Twenty Fifth
Oral Testing	Lecture/Discussion	British Occupation of Iraq	Recognizing Iraq's Importance to British Policy	2	Twenty-sixth
Oral Testing	Lecture/Discussion	Third Month Exam		2	Twenty Seventh
Oral Testing	Lecture/Discussion	The Clergy's Position on the British Occupation of Iraq 1914-1918	Identifying the National Trend Against the Occupation	2	Twenty Eight
Oral Testing	Lecture/Discussion	The Position of Iraqi Tribes on the British Occupation of Iraq 1914-1918	Knowing the national positions of the Iraqi tribes	2	Twenty Ninth
Written Testing		Najaf Revolution in 1918	Identifying the events of the Najaf Revolution and its national direction	2	Thirty

286. Course Evaluation

Oral Tests

Written Tests

287. Learning and Teaching Resources

Al-Dakoura Inas Saadi Abdullah Mod History of Iraq 1258-1918 AD .	Required Textbooks (Methodology, if any)
Dr. Ibrahim Khalil Ahmed : History of Arab World in the Ottoman Era	Main References (Sources)
Modern History of Iraq Modern History of Iraq from 12 1918 AD	Recommended books and references (scientific journals, reports...)
History Internet Check	Electronic References, Websites

Course Description Form

288. Course Name	
Geographical Statistics	
289. Course Code	
EG310	
290. Semester/ Year	
Annual	
291. Date this description was prepared	
1/9/2025	
292. Available Forms of Attendance	
Weekly	
293. Number of Hours (Total) / Number of Units (Total)	
60 hours	
294. Course administrator name (if more than one name mentioned)	
Assoc. Prof. Abdel Jalil Abdel Wahab Abdel Razzaq	
295. Course Objectives	
•	Course Objectives
296. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p>A1- After completing the course, the student should be able to solve statistical equations and answer the theoretical questions of statistics.</p> <p style="padding-left: 20px;">A2-</p> <p style="padding-left: 20px;">A3-</p> <p style="padding-left: 20px;">A4-</p> <p>b. Skill objectives of the course.</p> <p>B1- After completing the course, the student should be able to solve the statistical exercises on the blackboard</p> <p style="padding-left: 20px;">B2-</p> <p style="padding-left: 20px;">B3-</p> <p>C. Emotional and Values Goals</p> <p>A1- Making the student believe in the greatness of the Creator in his creation and teaching him what he does not know.</p>	<p>Strategy</p>
297. Course Structure	

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	Statistics.... The concept... Origin and development	Knowledge of the science of statistics, its concept, origin and development through the ages.	2	The first
Oral Testing	Lecture/Discussion	The Importance of Statistics and its Fields of Application	Recognizing the importance of statistics in geographical studies and its fields of application	2	The second
Oral Testing	Lecture/Discussion	Statistics and its relationship to geography (reasons for which geographers study statistics)	Knowledge of the science of statistics and its relationship to geography and the reasons for which the geographer studies statistics	2	The third
Oral Testing	Lecture/Discussion	Prerequisites Not due to research	The student's knowledge of the basic requirements for completing an integrated research based on the analysis of the results on the statistical processes and their results	2	Fourth
Oral Testing	Lecture/Discussion	Sources by which information is collected and not as a result of research	Identify the sources through which information is collected rather than as a result of research	2	Fifth
Oral Testing	Lecture/Discussion	First: Primary Sources	Knowledge and practice of	2	Sixth

		1 – Samples	collecting information and data from primary sources (samples)		
Oral Testing	Lecture/Discussion	2 – Questionnaire	Knowledge and practice of collecting information and data from primary sources (questionnaire)	2	Seventh
Oral Testing	Lecture/Discussion	3 – Interviews	Knowledge and practice of collecting information and data from primary sources (interviews)	2	Eighth
Written Testing	Lecture/Discussion	Second: Secondary Sources	Knowledge and practice of collecting information and data from secondary sources	2	Ninth
Oral Testing	Lecture/Discussion	Data classification 1 – Classification methods 2 – Types of classification 3 – Cons of the classification	The student knows how to classify the data classification and how to deal with it, as well as the methods of identifying the approved classification methods, the types of classification and the disadvantages of each type	2	Tenth
Oral Testing	Lecture/Discussion	Frequency distributions, measures of centrality, and measures of dispersion	Identify frequency distributions, centrality scales, and	2	Eleventh

		1 – Frequency distribution	dispersion measures and frequency distribution		
Oral Testing	Lecture/Discussion	2 . Measures of centralism	Knowing the measures of centralism such as arithmetic mean, median and pattern	2	XII
Oral Testing	Lecture/Discussion	3 – Dispersion Measures	Knowledge of dispersion measures such as standard deviation and standard error	2	Thirteenth
Oral Testing	Lecture/Discussion	Accurate Sample Representation to the Community	Learn how to ensure that samples are accurately represented to the community	2	Fourteenth
Oral Testing	Lecture/Discussion	Standard Error	Identify how the value of a standard standard error is calculated, and its usefulness	2	Fifteenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Probability and its Definition – Rules of Probability	Identify the theory of probability, the rules of probability, how to measure probability and what its significance is	2	Sixteenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Geographical Applications of Probability Theory	Identify some geographical applications of probability theory and how to invest it in practice in geographical studies	2	Seventeenth
Written, Oral and	Lecture, questioning,	Preview Abigad Limits of Trust	Identify the definition of the sample, its	2	Eighteenth

Performing Exam	discussion and dialogue		types, how to identify and benefit from it in studies, what are the limits and level of confidence.		
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Spatial and Grid Patterns Analysis 1 – Spatial Centricity	Learn how to analyze spatial patterns and grid patterns and plot the locations of points on coordinates	2	Nineteenth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	2 – Spatial Medium	Learn how to calculate and graph a spatial medium on coordinates	2	Twenty
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Standard Distance	Knowledge of mathematical formulas for standard distance measurements and analysis of their results	2	Twenty first
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	3 - Standard Distance	Know how to draw a standard distance and project points on the parameters	2	Twenty two
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	4 - Relative dispersion	Identify what relative dispersion is, how to calculate it, and analyze its results	2	Twenty Three
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	5 – Nearest Neighbor Analysis	Knowledge of the mathematical formula for analyzing and benefiting from the nearest neighbor	2	Twenty fourth
Written, Oral and	Lecture, questioning,	6 – Standard Box Analysis	Learn how to analyze	2	Twenty Fifth

Performing Exam	discussion and dialogue		standard squares and find the correct number of squares		
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	7 – Analysis of lattice patterns (linear patterns)	Familiarize yourself with the mathematical formula for calculating the analysis of lattice patterns (linear patterns) and learn how to evaluate the network	2	Twenty-sixth
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Sweeten the relationship and spatial participation 1 – Kay Square X2 Test 2 – Intersection Ratio 3 – The Route Coefficient	Identify mathematical formulas for relationship resolution and spatial participation For the Kay Square X2 test And the percentage of intersection The Yul coefficient and how to make a decision	2	Twenty Seventh
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	4 – Phi coefficient 5 – Kama coefficient 6 – Spearman 7 – Pearson Laboratories	4Identifying mathematical formulas for Phi coefficients, Kama coefficients and Spearman coefficients and Pearson coefficient and the kepha to find the relationship between the two variables	2	Twenty Eight
Written, Oral and	Lecture, questioning,	Regression analysis Regression Equation	Recognize mathematical formulas for	2	Twenty Ninth

Performing Exam	discussion and dialogue	(Regression Model) Estimation of slope features	regression analysis Regression Equation (Regression Model) Estimating the regression parameters, analyzing it, and making a decision		
Written, Oral and Performing Exam	Lecture, questioning, discussion and dialogue	Cleansing	Identify how to predict the future of the phenomenon studied based on data on the phenomenon	2	Thirty

298. Course Evaluation

Oral Tests
Written Tests

299. Learning and Teaching Resources

	Required Textbooks (Methodology, if any)
The Book of Simplified Geographical Statistics by A. Eng. Abdel Jalil Abdel Wahab Abdel Razzaq The Book of Statistics and Modeling in Geography written by Prof. Dr. Sami Aziz Abbas Al-Utbi and Prof. Dr. Iyad Ashour Al-Taie. Benefiting from the book Statistics written by Dr. Mahmoud Hassan Al-Mashhadani and Amir Hanna Hormuz	Main References (Sources)
.... The statistical analysis of Osama R Amin... And the principles of statistics Mahmoud Al-Mashhadani and Amir Ha Hormuz. .. and online lectures	Recommended books and references (scientific journals, reports...)
	Electronic References, Websites

Course Description Form

300. Course Name	
Geography of Tourism	
301. Course Code	
EG306	
302. Semester/ Year	
Annual	
303. Date this description was prepared	
1/9/2025	
304. Available Forms of Attendance	
Weekly	
305. Number of Hours (Total) / Number of Credits (Total)	
60 hours	
306. Course administrator name (if more than one name mentioned)	
Prof. Dr. Yahya Abdel Hassan Falih	
307. Course Objectives	
<ul style="list-style-type: none"> • Definition of the geographical tourism phenomenon and its relationship with other branches of geography, study the spatial variation of tourist traffic in the world, analyze the natural and human components of tourist attractions and expulsion, and identify the importance of tourism from all economic, social, political and service aspects. 	Course Objectives
308. Teaching and Learning Strategies	
<p>A. Cognitive Objectives</p> <p>A1. The student should know the general foundations of the geography of tourism.</p> <p>A2- The student should understand how to interact between geographical phenomena and the tourism phenomenon.</p> <p>A3- The student must be able to plan tourism in the geographic region.</p> <p>A4- The student should know the components and obstacles in the geography of tourism.</p> <p>b. Skill objectives of the course.</p> <p>B1- The student should be able to distribute tourist sites on geographical maps</p>	Strategy

B2. Draw a map of Iraq, distributing tourist sites and regions on it.

B3-

B4-

C. Emotional and Values Goals

A1- The student should know the ability of God Almighty in creating nature

A2- The student should feel the importance of belonging to the place and preserving the tourist sites.

A3- The student should understand the role of tourism in achieving Iraqi social integration through connecting places.

309. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Oral Testing	Lecture/Discussion	Introduction to geography and geographical phenomenon	The student should understand the concept of the phenomenon	2	The first
Oral Testing	Lecture/Discussion	Definition of Tourism, Geography of Tourism	The student should know the concept of tourism	2	The second
Oral Testing	Lecture/Discussion	The Importance of the Geography of Tourism and its Motivations	To learn what tourism is and the importance of tourism	2	The third
Oral Testing	Lecture/Discussion	The Relationship between the Geography of Tourism and Other Branches of Geography	The student should be aware of the relationship between tourism and geography	2	Fourth
Oral Testing	Lecture/Discussion	Research Methods in the Geography of Tourism (Historical, Descriptive, Empirical)	The student should be able to use the research methods	2	Fifth
Oral Testing	Lecture/Discussion	Research Methods in the Geography of Tourism (Regional, Objective, Fundamental)	The student should be able to use the research methods	2	Sixth
Oral Testing	Lecture/Discussion	Economic, Social, and Cultural Impacts of Tourism	Understanding the Effects of Tourism	2	Seventh
Oral Testing	Lecture/Discussion	Geographical and Natural Factors Affecting Tourism	Knowing the geographical characteristics affecting tourism	2	Eighth

Oral Testing	Lecture/Discussion	Human Geographic Factors Affecting Tourism	Knowing the geographical characteristics affecting tourism	2	Ninth
Oral Testing	Lecture/Discussion	Tourism and Tourism Region	Understanding the term tourist region and its types	2	Tenth
Oral Testing	Lecture/Discussion	Types of Tourist Regions	Understanding the term tourist region and its types	2	Eleventh
Oral Testing	Lecture/Discussion	Effects of tourism on tourist attractions	The student should evaluate the impact of tourism on tourist attractions	2	XII
Oral Testing	Lecture/Discussion	Effects of Tourism on Tourist Expulsion Zones	The student should evaluate the impact of tourism on the tourist expulsion areas	2	Thirteenth
Oral Testing	Lecture/Discussion	International Tourism Institutions and Organizations	Know Institutions Interested in Tourism	2	Fourteenth
Written Testing		First Semester Exam	Assessing the student's level of understanding	2	Fifteenth
Oral Testing	Lecture/Discussion	Types of Tourism by Purpose	The ability to classify tourism according to the principles of classification	2	Sixteenth
Oral Testing	Lecture/Discussion	Types of tourism according to the nature of the tourist place	Understanding the classification of tourism according to the nature of the place	2	Seventeenth
Oral Testing	Lecture/Discussion	Ecotourism , its concept, conditions of practice	Find out what ecotourism means	2	Eighteenth
Oral Testing	Lecture/Discussion	Classification of tourism by natural environments (coasts, seas, diving, rivers, caves and caves)	The student should be familiar with the elements of ecotourism	2	Nineteenth
Oral Testing	Lecture/Discussion	Classification of tourism by natural environments (mountains, valleys, forests, swamps, prairies)	The student should be familiar with the elements of ecotourism	2	Twenty
Oral Testing	Lecture/Discussion	Classification of Tourism by Natural Environments (Nature Reserves)	The student should be familiar with the elements of ecotourism	2	Twenty first
Oral Testing	Lecture/Discussion	World Tourist Regions (Tourism in Europe)	The student should draw a map of tourist sites in the	2	Twenty two

			continent of Europe		
Oral Testing	Lecture/Discussion	Tourism in North America	The student should draw a map of tourist sites in the continent of North America	2	Twenty Three
Oral Testing	Lecture/Discussion	Tourism in Asia	The student should draw a map of tourist sites in the continent of Asia	2	Twenty fourth
Oral Testing	Lecture/Discussion	Tourism in South America	The student should draw a map of tourist sites in the continent of South America	2	Twenty Fifth
Oral Testing	Lecture/Discussion	Tourism in Africa	The student should draw a map of tourist sites in the continent of Africa	2	Twenty-sixth
Oral Testing	Lecture/Discussion	Tourism in Australia	The student should draw a map of tourist sites in the continent of Australia	2	Twenty Seventh
Oral Testing	Lecture/Discussion	Tourism in the Arab World	The student should draw a map of tourist sites in the Arab world	2	Twenty Eight
Oral Testing	Lecture/Discussion	Tourism in Iraq	The student should draw a map of tourist sites in Iraq	2	Twenty Ninth
Written Testing		Second Semester Exam		2	Thirty

310. Course Evaluation

Oral Tests
Written Tests

311. Learning and Teaching Resources

Tourism Geography – Applications to the Arab World, Ibrahim Khalil Bazazo, Dar Al-Warraaq for Publishing and Distribution, Al-Hussein Bin Talal University, 2010.	Required Textbooks (Methodology, if any)
1- Geography of Tourism and Attractions	Main References (Sources)
	Recommended books and references (scientific journals, reports...)

