

Ministry OF
Higher Education and Scientific Research
University: Basrah

College: Education for Humanities

Scientific Department: Geography

Academic System: annual

File filling date: /7/2026



Academic program and course description guide

2025 - 2026



University of Basrah
College of Education for Humanities
Department of Geography



Academic Program Description
2025–2026

Academic program description circulated pursuant to
the Department of Studies letter (Ref. TM3/2906)
dated May 3, 2023.

Prepared by:
Assistant Lecturer
Mohammed Salem Radhi
2026

University name: University of Basra

College/Institute: College of Education for Humanities

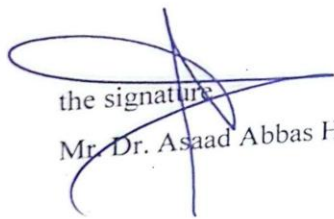
Scientific Department: Geography Department

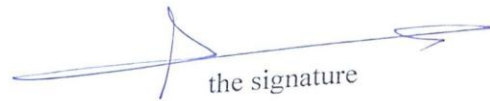
Name of the academic or professional program: Geography.

Name of final degree: BA in Geography

Academic system: annual

Description preparation date: /7/2026


the signature
Mr. Dr. Asaad Abbas Hindi


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A.P.D. Alaa Abd Alemam

check the file before Division of Quality Assurance and University Performance

Name of the Director of the Quality Assurance and University Performance
Dr.

Division: A.T. Wedad Salem


Authentication of the Dean

A.P.D. Wissam Juma Laphtah



1. Program Vision

• Program Vision

The College of Education for Human Sciences seeks to be one of the leading higher education institutions at the University of Basra in the field of modern education and scientific research through its scientific, research and administrative activities, and the preparation and training of students to ensure high-level outputs in geography by providing the best vocabulary, study and training programs and adopting the latest teaching methods to develop the department's outputs continuously, as the program seeks to encourage geographical scientific research and keep pace with the scientific progress •The program seeks to encourage geographical scientific research in a manner that keeps pace with scientific progress to advance the economic, social, cultural and civilizational development frameworks in order to reach integration in its scientific mission and achieve the best educational environment capable of serving the community.

2. • Program mission

. Preparing scientific cadres of academically qualified researchers in the field of geography to work by dealing with government departments and institutions, as well as twinning with the corresponding geographical departments in local, regional and international colleges

3. Program Objectives

• Developing the capabilities of students and graduates with regard to the electronic computer in the view and perception of the problems faced in the ladder of its civilizational development and contribute to finding successful treatments and solutions to them

- Highlighting the role of the geographer in life through the application of the principle of geography, the pillar of planning and the study of everything on the ground, as the Encyclopedia of Geographers qualifies them to be the most capable among researchers to link and analyze various natural and human phenomena
- Contributing geographer to creating a better human environment by providing scientific methods that enable those interested in development affairs to identify the components of the geographical situation of any geographical environment for all its elements related to man and earth.
- Developing effective interaction in the societal environment to ensure the crystallization of a serious scientific, cultural, civilized and realistic position on the human reality.
- Application of modern scientific methods and techniques such as geographic information systems and remote sensing, which have become effective tools in the element of cognitive solidarity

4. Program Accreditation

None

5. • Other external influences

None

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	6	15	8,2	Basic decision

College Requirements	11	42	23	
Department Requirements	40	126	68.8	
Summer Training	View the application (fourth stage)			
Other				

* This can include notes whether the course is basic or optional.

7. Program Description: This academic program description provides a brief summary of the most important characteristics of the program and the learning outcomes expected of the student to achieve, proving whether he has made the most of the available opportunities and is accompanied by a description of each course within the program.

- | | |
|---|--|
| <ul style="list-style-type: none"> • Educational institution • Scientific Department • Name of the academic or vocational program • Name of the final certificate • Annual academic system / courses / others • Accredited Accreditation Program • Other external influences • Date of preparation of the description | <ul style="list-style-type: none"> • University of Basra • College of Education for Humanities / Geography • Geography education / Geography • Bachelor of Education / Geography • Semester courses • Association of Arabic Universities • Ministry of Education <p style="text-align: right;">• 1 / 7 / 2026</p> |
|---|--|

- Objectives of the academic program the department seeks to achieve the following objectives:
- Preparing teachers with a bachelor's degree in geography.
- Preparing a group of outstanding students from the department to complete their postgraduate studies in the field of physical and human geography.
- Preparing research and studies in the field of geography, which enhances the relevant literature.
- Providing applied studies in geography and sustainable development

8.program Architecture				
Educational stage	Course Code	Course Name	Credit Hours	
			Theoretical,	Practical.
2025–2026 Stage I		Weather and Climatology	1	
2025–2026 Stage I		Cartography and remote sensing	1	
2025–2026 Stage I		Africa and Australia	2	
2025–2026 Stage I		Earth's surface morphology	1	
2025–2026 Stage I		Educational psychology	2	
2025–2026 Stage I		History of Iraq and the ancient Arab world ...	2	
2025–2026 Stage I		Human rights and democracy	1	

2025–2026 Stage I		Arid regions	1	
2025–2026 Stage I		Biogeography	1	
2025–2026 Stage I		Computer Principles	1	
2025–2026 Stage I		Arabic Language ...	2	
2025–2026 Stage I		English Language Level 1	1	
2025–2026 First stage		Foundations of breeding	2	
2025–2026 Second stage		Applied Climatology ...	3	
2025–2026 Second stage		Applied Earth surface forms	1	
2025–2026 Second stage		Geography of Eurasia	2	
2025–2026 Second stage		Population geography	2	
2025–2026 Second stage		Secondary education and educational administration	2	
2025–2026 Second stage		Developmental Psychology	2	
2025–2026 Second stage		History of the Islamic Arabic State	2	
2025–2026 Second stage		Geographical techniques	1	
2025–2026 Second stage		Hydrology	1	

2025–2026 Second stage		Geography of development and planning	1	
2025–2026 Second stage		Geography Oil & Energy	1	
2025–2026 Second stage		Thematic cartography	1	
2025–2026 Second stage		Rural geography	1	
2025–2026 Second stage		English –2	1	
2025–2026 Third stage		Industry Geography	2	
2025–2026 Third stage		Agricultural geography	2	
2025–2026 Third stage		Geography of cities	2	
2025–2026 Third stage		Geography of medical resources	1	
2025–2026 Third stage		Geography of the Americas	2	
2025–2026 Third stage		Counseling and mental health	2	
2025–2026 Third stage		Geographical Statistics	1	
2025–2026 Third stage		Curricula and teaching methods	2	
2025–2026 Third stage		History of Iraq and the modern Arab world	2	
2025–2026 Third stage		Geography of Tourism	1	

2025–2026 Third stage		Detailed climatology	1	
2025–2026 Third stage		Soil geography	1	
2025–2026 Third stage		Geographical search methods	1	
2025–2026 Third stage		English Language –3	1	
Fourth Stage 2025–2026		C\Politics	3	
Fourth Stage 2025/2026		Geographical thought	2	
Fourth Stage 2025/2026		c/ The Arab world	3	
Fourth Stage 2025/2026		c/ Transportation	3	
Fourth Stage 2025/2026		C/Iraq	2	
Fourth Stage 2025/2026		C/Environment	2	
Fourth Stage 2025/2026		Geographic Information Systems	2	
Fourth Stage 20245/2026		Measurement and evaluation	2	
Fourth Stage 2025/2026		Watch & Apply	2	
Fourth Stage 2025/2026		Graduation Research	2	

8.Expected learning outcomes of the program

Knowledge

1– Provide students with sciences related to the environment

- 2– Consolidating educational and scientific principles in a way that contributes to the development of society and raising its status and pride.
- 3– Deepening geographical knowledge to keep pace with modern development
- 4– Knowing the important and basic sources of modern geographical thought
- 5 – Knowledge of modern geographical research methods in all disciplines
- 6– Providing students with applied science and knowledge that serve the community and contribute to solving societal and environmental problems.

9.Skills

- 1–Graduating qualified teachers equipped with scientific geographical knowledge
- 2 – Preparing researchers and educators capable of bringing about educational and scientific change in society
- 3 – Teaching the student how to review important scientific sources and sources

10.Values

- 1– Follow successful scientific methods and means in teaching and creating knowledge of the principles of geography.
- 2– Applying the principles of education in order to achieve scientific and educational benefit in order to improve society
- 3– Spreading and consolidating the theoretical and practical aspect in a way that raises the advancement of society

11.Teaching and learning strategies

- Explanatory lecture with explanation and examples using a display screen with a blackboard.
- Scientific discussions, dialogue and the use of modern technologies to absorb and benefit from Internet sites, electronic and paper books.
- Monthly essay or objective written tests.
- Grades awarded for daily participations and duties.
- Oral exams.
- Grades for research and reports related to the subject of the lecture and for attendance and regularity in lectures.
- Agreed and non-agreed exams.
- Classroom and extra-curricular duties.
- Communicate with students intellectually and develop their ability to work with confidence, listen, accept the other opinion, discuss and partner in teamwork.

12. Evaluation methods

- Daily tests with questions related to the subject
- Submit research papers with a solid scientific plan.
- Conduct monthly written exams

14 Educational institutions

Members of the educational institution

Academic Rank		Specialization		Special Revetments/Skills (F Applicable)		Preparation of the teaching staff	
		general	special				
professor		Geography	Doctor of Philosophy in Natural Geography			owners	lecturer

professor		Geography	Doctor of Philosophy in Human Geography			5	
Assistant Professor		Geography	Doctor of Philosophy in Natural Geography			10	
Assistant Professor		Geography	Doctor of Philosophy in Human Geography			1	
Teacher		Geography	Doctor of Philosophy in Natural Geography			4	
Teacher		Geography	PhD in Human Geography			1	
Assistant Lecturer		Geography	Master in Physical Geography				
Assistant Lecturer		Geography	Master in Human Geography				

15–Professional development Mentoring new faculty members

- Attention to the external appearance and uniform of the university professor.
- Attention to the moral aspect with the teaching staff and students.
- Cooperation on the administrative side and providing assistance to the examination committees.
- Interest in scientific publishing in local, Arab and international journals.
- Encourage them to participate in academic activities, including conferences, seminars and workshops.

Professional development of faculty members

Program Skills Outline															
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
The first		Weather and climate science	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		Cartography and remote sensing	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		Africa and Australia	Basic	/	/	/	/	/	/	/	/	/	/	/	/

		Science of Earth's surface shapes	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		Educational psychology	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		The history of Iraq and the ancient Arab world	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		English	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		Computer science	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		Arabic	Basic	/	/	/	/	/	/	/	/	/	/	/	/

		human rights	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		C– Dry regions	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		Biogeography	Basic	/	/	/	/	/	/	/	/	/	/	/	/
the second		Developmental psychology	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		Applied climatology	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		Applied geomorphology	Basic	/	/	/	/	/	/	/	/	/	/	/	/

		C- Eurasia	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		C- Population	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		Secondary education and educational administration	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		Developmental psychology	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		Geographic techniques	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		History of the Islamic Arab state	Basic	/	/	/	/	/	/	/	/	/	/	/	/

		Hydrology	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		Development and planning	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		C- Oil and energy	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		Rural geography	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		English language level 2	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		Thematic cartography	Basic	/	/	/	/	/	/	/	/	/	/	/	/

Third		Industry geography	Basic	/	/	/	/	/	/	/	/	/	/	/	/
		Agriculture geography	Basic												
		Geography of cities	Basic												
		Geography of natural resources	Basic												
		Geography of the Americas	Basic												
		Counseling and mental health	Basic												

		Geographic statistics	Basic												
		Curricula and teaching methods	Basic												
		The history of Iraq and the modern Arab world	Basic												
		Tourism geography	Basic												
		Soil geography	Basic												

		Geographic al research methods	Basic												
		English language level 3	Basic												
		Detailed climatology	Basic												
Fourth		Geopolitics	Basic												
		Geographic thought	Basic												
		The Arab world	Basic												

		Transportat ion geography	Basic												
		Geography of Iraq	Basic												
		geography the environme nt	Basic												
		Geographic information systems	Basic												
		Measurem ent and evaluation	Basic												

		View and apply	Basic												
		Graduation research	Basic												

Course Description Form

Course Name: •					
Geography of weather and climate					
Course Code:3 •					
Semester / Year: •					
2025-2026					
Description Preparation Date: •					
11/6/2026					
Available Attendance Forms: •					
In presence					
Number of Credit Hours (Total) / Number of Units (Total) •					
60hours / 2 hours weekly					
Course administrator's name (mention all, if more than one name) •					
Name: Kadhim Abd Alwhab hosen Email: Kadhim.hosen@uobasrah.edu.iq					
Course Objectives •					
1- Teaching students and developing their abilities to study different climatic conditions resulting from different weather elements 2- Teaching students how to present the material using modern technology. Study of geography of power and renewable kinds and its distribution.					
Teaching and Learning Strategies •					
1. Collaborative idea planning and education strategy. 2. Educating strategy through brainstorming. 3. A set of notes on education strategies.					
Course Structure •					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-30	2 hours	- Definition of climatology and meteorology - The relationship between	Geography of weather and climate	Lecture and discussion	Weekly, monthly, daily, written tests, and the final yearly test.

		climate and meteorology Secondly - the atmosphere -The nature of the atmosphere -Atmosphere installation -Atmospheric pollution Third: Solar and terrestrial radiation -The importance of solar radiation -The nature of solar radiation -The solar constant -Ground radiation Fourth - temperature -Thermal inversion -Thermal anomaly -Vertical change in air temperature Temperature measuring systems Fifth: Air masses, fronts, and hurricanes -Weather depressions -Anti-cyclones -The impact of			
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		Mediterranean depressions on the climate of Qatar Sixth: Condensation - Condensation images -the fog -Frost -Dew -the clouds Seventh: Air humidity Humidity terminology -hygrometer Eighth-the wind - Tools for measuring wind speed and direction			
Course Evaluation •					
Distribution the score:25 monthly and daily for first course. 25 score for monthly and daily for second course. 50 score for final test.					
Learning and Teaching Resources •					
The foundations of climate science were by Sabah Muhammad Al-Rawi and Adnan Hazza Al-Bayati					

Course Description Form

Course Name: Applied climate
Applied climate
Course Code:4 •
Semester /Year: •
2025-2026
Description Preparation Date: •
28/2/2026
Available Attendance Forms: •
face to face education

Number of Credit Hours (Total) / Number of Units (Total) •					
60hours/2hours weekly					
Course administrator's name (mention all, if more than one name) •					
Name: Bedor Fadhil Rikab Email: bidoor.fadhil@uobasrah.edu.iq					
Course Objectives •					
1-TzProviding the student in the geographical specialization with knowledge that will benefit him in the field of teaching in the education sector 2 –Realizing the economic and social consequences of adapting to climate change 3Clarifying the most important modern ideas in Study of applied climatology Study of geography of energy and renewable types and its distribution.					
Teaching and learning strategies •					
1. Collaborative idea planning and education strategy. 2. Educating strategy through brainstorming. 3. A set of notes on education strategies					
Course Structure •					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-30	2hours	identification requester with the climate Applied. Use Method Statistics in Studies climatic. knowledge Relationship between the climate And rest Human And his activities to set relationship	The concept of applied climatology Its definition - its origin and development-trends His study Devices Sedin Studies climatic Applied study moving informants Direction Measurement Tomeans Statistics Sports measurement and collect data and analyze it and convert it to maps climatic and shapes Graphic – measurement Evaporation Latent - measurement Transpiration Latent	1. When writing scientific study, elucidating the scientific material using contemporary techniques and tools. 2. Each student will write a research paper on a scientific topic and will acquire writing. 3.Obtaining relevant sources for the research	Weekly, monthly, daily, written tests, and the final yearly test.

		the climate With source energy Alternative knowledge Methods Prediction With the weather And the climate	measurement Radiation Solar – Budget Watercolor application Categories climatic Categories Fundamentalism Categories Experimental Categories Humanity Applications practical Relationship between the climate and all from: Agriculture And pastures -Waterland energy Watercolor- Transport Aerial And the wildland watery – Industry – tourism and entertainment – Processes Military. the climate and society – Comforts physiological, the health the public, Urbanism And design Building, the job and time Void the climate and consumption energy Consumption Daily – Consumption annual, And exploitation the weather And the climate for maintenance sources energy, Applications practical Forecasting With the weather and control on him – development Forecasting With the weather – Importance Forecasting With the weather	topic and learning how to make the most of fieldwork at libraries.	
Course Evaluation					

Distribution of the score: 25 monthly and daily for first course. 25 score for monthly and daily for second course. 50 score for final test.

Learning and Teaching Resources •

Adel Al-Rawi and Qusay Al-Samarrai, Applied Climate, Baghdad University Press, 1990

Ali Hassan Musa, Applied Climate, Damascus University, 2006.

Course Description Form

Course Name: •
Hydrology
Course Code: 5 •
Semester / Year: •
2025-2026
Description Preparation Date: •
28/2/2026
Available Attendance Forms: •
face to face education
Number of Credit Hours (Total) / Number of Units (Total) •
60 hours / 3 hours weekly
Course administrator's name (mention all, if more than one name) •
Name: Tahani Jasim Mohammed Email: tuhani.jassim@uobasrah.edu.iq
Course Objectives •
Giving a clear picture of the available water sources on Earth, the importance of the hydrological cycle in creating a water balance between the Earth's part and the role of Earth's surface features in varying the components of the hydrological cycle such as precipitation, evaporation, seepage, and surface runoff.
Teaching and Learning Strategies •
1- Identifying the foundations of water science (hydrology). 2- Identify the formation, distribution and transport of water in all environments within the hydrological cycle.

- 3- Identify the theoretical and practical foundations of hydrological measurements for each element of the hydrological cycle.
- 4- Knowledge of the environmental conditions affecting the elements of the hydrological cycle.
- 5- Identify the water budget for surface and groundwater.

Course Structure •					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-30	2 hours	Student understanding the lesson	1. Water, Geography, and Hydrology 2. Importance of Water 3. Origin of Water on Earth 4. Internal or Geological Hypotheses 5. External or Astronomical Hypothesis 6. General Characteristics of Water 7. Relationship of Geography with Water 8. Relationship of Geography with Hydrology 9. Definition of Hydrology 10. Difference Between Hydrology and Water Resources 11. Fields of Hydrology 12. Sources of Chapter One 13. Water on the Earth's Surface 14. General Characteristics of the Earth's Surface 15. Structure of the Earth	Explaining the scientific material through Lecture method with discussion and thus assessing students to determine their cognitive levels	Weekly, monthly, daily, written tests, and the final year test.

			16. Earth's Surface Topography 17. Characteristics of Water on the Earth's Surface 18. Quantity of Water 19. Water Area 20. Salinity of Water 21. Distribution of Water on the Earth's Surface 22. Sources of Chapter Two 23. Water in the Atmosphere 24. Concept of the Atmosphere 25. Energy Sources in the Atmosphere 26. Effects of the Atmosphere on Solar Radiation 27. Methods of Energy Transfer in the Atmosphere 28. Boundaries of Atmospheric Layers 29. Conditions of the Lower Layer of the Atmosphere 30. Water Vapor in the Atmosphere 31. Sources of Water Vapor in the Atmosphere 32. General Characteristics of Water Vapor 33. Water Vapor and Atmospheric Stability 34. Sources of Chapter Three 35. Hydrological Cycle and Water Balance 36. Hydrological Cycle		
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			37. Concept of the Hydrological Cycle 38. Boundaries of the Hydrological Cycle 39. Mechanism of Movement in the Hydrological Cycle 40. Water Balance 41. Importance of Water Balance 42. Concept of Water Balance 43. Water Balance Equation 44. Climate Change and the Hydrological Cycle 45. Climate Change and Water Balance 46. Sources of Chapter Four 47. Precipitation 48. Concept of Precipitation 49. Determinants of Precipitation Process 50. Forms of Precipitation 51. Characteristics of Rainstorms 52. Relationship of Precipitation with the Hydrological Cycle 53. Interception of Atmospheric Precipitation 54. Factors Affecting Precipitation 55. Geographic Distribution of Precipitation 56. Measurement of Precipitation (Rainfall) 57. Spatial Rainfall Distribution 58. Sources of Chapter Five 59. Precipitation Loss		
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			60. Concept of Evaporation 61. Mechanics of Evaporation 62. Difference Between Evaporation and Transpiration 63. Concept of Evapotranspiration 64. Effects of Evaporation-Transpiration on Water Resources 65. Geographic Distribution of Evaporation 66. Factors Affecting Evaporation and Transpiration Process 67. Measurement of Evaporation-Transpiration 68. Estimation of Actual Evaporation-Transpiration 69. Seepage 70. Concept of Seepage 71. Mechanics of Seepage 72. General Features of Seepage 73. Factors Affecting Seepage 74. Measurement of Seepage Rate in Soil 75. Sources of Chapter Six 76. Groundwater 77. Concept of Groundwater and its Importance 78. Vertical Distribution of Groundwater 79. Origin of Groundwater		
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			80. Groundwater Reservoirs 81. General Characteristics of Groundwater Reservoirs 82. Estimation of Groundwater Volume 83. Movement of Groundwater 84. Measurement of Groundwater Movement 85. Sources of Chapter Seven 86. Surface Water 87. Mechanism of Surface Flow Formation 88. Components of Water Flow 89. Concept of Surface Flow 90. Hydrography 91. Factors Affecting Surface Flow 92. Duration of Flow Channels 93. Basis of Flow Duration Classification 94. Characteristics of Channels According to Flow Duration 95. Volume of Surface Flow 96. Methods of Estimating Surface Flow Volume 97. Logical Method 98. Khosla Method 99. Soil Conservation Service Curve Number Method 100. Sources of Chapter Eight 101. River Hydrology 102. Concept of Rivers and their Importance		
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			103. River Drainage Basin 104. Water Channels 105. River Flow 106. Hydraulic Discharge 107. Hydrological Year 108. Hydrological System 109. Environmental Flow 110. Measurement of Hydraulic Discharge 111. Sources of Chapter Nine 112. Qualitative Characteristics of Water 113. Composition of Water 114. Water Quality 115. Principal Parameters of Water Quality 116. Accuracy of Laboratory Tests 117. Water Salinity 118. Total Dissolved Solids 119. Electrical Conductivity 120. Hydrogen Ion Concentration"		
Course Evaluation •					
Distribution the score:25 monthly and daily for first course. 25 score for monthly and daily for second course. 50 score for final test.					
Learning and Teaching Resources •					
1- Environmental hydrology, second edition, Andy D. Ward Stanley W. Trimble. Taylor & Francis Group, LLC, 2003. 2- Advanced Hydrology by V.T. Chow. 3- Geography of Water Resources, Hassan Abu Sammour and Khaled Al-Khatib, Dar Al-Safaa for Publishing and Distribution, 1999. 4- Hydrology, Essam Muhammad Abdel Majid Ahmed and Abbas Abdullah Ibrahim, Sudan University Publishing, Printing and Distribution House, 200 Using the Internet55-					

Course Description Form

Course Name: Rural Geography
Rural Geography
Course Code: 6 •
Semester /Year: •
2025-2026
Description Preparation Date: •
28/2/2026
Available Attendance Forms: •
face to face education
Number of Credit Hours (Total) / Number of Units (Total) •
60 hours/2hours weekly
Course administrator's name(mention all,if more than one name) •
Name: Wahida Dawood Mahmoud Email : Fadak_abdulhasan@outlook.com
Course Objectives •

Preparing teachers with knowledge about the countryside and ways to develop it.					
2 - Preparing geographers capable of working on developing the rural environment by working with planning departments.					
Teaching and learning strategies •					
1. Collaborative idea planning and education strategy. 2. Educating strategy through brainstorming. 3. A set of notes on education strategies.					
Course Structure •					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-30	2 hours	Explaining scientific material through Discussion -Display the material electronically Connecting ideas Relating subject to reality and listening to student opinions through their field observations	Rural geography Its nature and interests and development its concepts, Criteria distinguishing rural areas from urban areas, Rural geography relationship In other fields of geography Rural population growth Negative and positive, Spatial variation population density in countryside, Economic installation for rural residents,	1. When writing scientific study, elucidating the scientific material using contemporary techniques and tools. 2. Each student will write a research paper on a scientific topic and will acquire writing. 3. Obtaining relevant sources for the research topic and learning how to make the most of fieldwork and libraries	Weekly, monthly, daily, written tests and the final yearly test.

			Characteristics of demographic structure rural families. The extent of urbanization to rural areas and its form transportation in rural areas. Tourism and hiking in countryside. Planning tourism and hiking in rural areas, Planning protect environment. Rural agricultural production protection. Planning protect countryside from pressures. The origins and development settlement. Rural, pattern of rural settlements and their classification factors. Distribution rural settlements. The settlement problem. Rural countryside		
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			and function, importance of rural housing. For a rural residence And characteristic of rural housing. Structural elements The structure and appearance of the rural dwelling Changes in rural social and economic structures, Changing economic structure of rural workforce, changing structure of rural institutions. Changing uses of agricultural land, system of ownership and possession of agricultural land, the role of agrarian reform laws in reforming the tenure system the spread of cooperatives and unions and their administrative functions.		
Course Evaluation •					
Distribution of the score: 25 monthly and daily for first course. 25 score for monthly and daily for second course. 50 score for final test.					

Learning and Teaching Resources •
Abdul Razzaq Muhammad Al-Bathi and Adel Abdullah Khattab, Rural Geography.

Course Description Form

Course Name: Population geography •
Population geography
Course Code:7 •
Semester /Year: •
2025-2026
Description Preparation Date: •
25/2/2026
Available Attendance Forms: •
face to face education
Number of Credit Hours (Total) / Number of Units (Total) •
60hours/2hours weekly
Course administrator's name(mention all,if more than one name) •
Name: Assistant Professor. Osama Hamid Majeed
Email: osama.majeed@uobasrah.edu.iq
Course Objectives •
1-Deepening the student's knowledge of population geography 2-Be informed and empowered to use population data and provide students with the skills to understand population changes

3-Clarifying the most important modern ideas in Study of population geography					
Study of geography of energy and renewable types and its distribution.					
Teaching and learning strategies •					
1. Collaborative idea planning and education strategy. 2. Educating strategy through brainstorming. 3. A set of notes on education strategies.					
Course Structure •					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-30	2 hours	1- Providing students with skills to study Demography 2-Harnessing technology to develop education, presenting lectures via computer, and presenting and discussing student articles	The concept of population geography Stages of development of population geography The relationship of population geography to the branches of geography Branches of population geography (Social Health behavioral) Population geography and demography Population geography topics Population studies and their topics Jobs use population geography The importance and objectives of population geography Statistical data sources For population geography Population growth Population fertility and births Deaths Immigration	1. When writing scientific studies, elucidating the scientific material using contemporary techniques and tools. 2. Each student will write a research paper on a scientific topic and will acquire writing skills. 3.Obtaining relevant sources for the research topic and learning how to make the most of fieldwork and libraries.	Weekly, monthly, daily, written tests, and the final yearly tests

			Population compositions Environmental composition Qualitative Economic Marital structure Educational Al-Omari Population planning and population policies		
Course Evaluation •					
Distribution of the score: 25 monthly and daily for first course. 25 score for monthly and daily for second course. 50 score for final test.					
Learning and Teaching Resources •					
Taha Hammadi Al-Hadithi, Population Geography, 2011.					

Course Description Form

Course Name: •
Geography of Eurasia
Course Code: 8 •
Semester / Year: 2025-2026 •
Basic
Description Preparation Date: •
25/ 02/ 2026
Available Attendance Forms: •
My presence only
Number of Credit Hours (Total) / Number of Units (Total) •
60 hours annually. 2 hours per week
Course administrator's name (mention all, if more than one name) •
Name: Mohammed ramadhan Mohammed Email: mohammed.ramadhan@uobasrah.edu.iq

Course Objectives •					
1-Learning about the nature of the peoples of the world 2- For the student to become familiar with the economic wealth in Europe and Asia 3- Knowing the cultural development of peoples and countries.					
Teaching and Learning Strategies •					
Strategy 1- Educational strategy, collaborative concept planning. 2- Brainstorming education strategy. 3- Education Strategy Notes Series					
Course Structure •					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2 hours	A teacher a researcher capable thinking, distinguishing, and identify common goals	- The concept of regional geography	Lecture and discussion	Weekly, monthly, daily, written exams, and the end-of-year exam.
2			First - the continent of Asia, location		
3			characteristics		
4			-The geological structure and surface of the Asian continent		
5			-The climate of the continent of Asia		
6			Soil characteristics and regions in Asia		
7			-Natural plant		
8			-Animal life		
9			-Mineral resources		
10			-Inhabitants of the continent of Asia		
11			-Man and the environment		
12			-Economic development		
13			Second: The European continent, the		
14					
15					
16					
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18					
19					
20					
21					
22					
23					
24					
25					
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27					
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30					

			location, geological situation, and surface in Europe -Climate characteristics -Soil properties -Natural plant -Animal life -Mineral resources -Inhabitants of the continent of Europe -Man and the environment -Economic development -Agricultural activity -Industrial activity -Industry components -Industry problems -Development potential in Europe and Asia		
Course Evaluation •					
Distribution is as follows: 25 marks for monthly and daily exams for the first semester. 25 marks for monthly and daily exams for the second semester. 50 marks for final exams					
Learning and Teaching Resources •					
The Geography of Eurasia: A Study in General and Regional Geography, Hashim Khudair al-Janabi, University of Mosul, 1987.					

Course Description Form

Course Name: •

The geography ocean					
Course Code:9 •					
Semester / Year: 2025-2026 •					
Basic					
Description Preparation Date: •					
28/ 02/ 2026					
Available Attendance Forms: •					
My presence only					
Number of Credit Hours (Total) / Number of Units (Total) •					
45 hours annually. 2 hours per week					
Course administrator's name (mention all, if more than one name) •					
Name: Assistant Professor. Alaa shaker omran					
Email: alaa.amran@uobasrah.edu.iq					
Course Objectives •					
1- Introducing students to the issues of seas and oceans in the world. 2- Empowering and introducing students to the first theories of the formation of seas and oceans. 3- Providing students with sciences related to seas and oceans 4- Students' knowledge of the characteristics of seas and oceans and their impact on the external ocean.					
Teaching and Learning Strategies •					
Strategy 1- Educational strategy, collaborative concept planning. 2- Brainstorming education strategy. 3- Education Strategy Notes Series					
Course Structure •					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2 hours	The historical development of the geography of seas and oceans and their relationship to other branches of science, ocean basins and theories that explain	Geography of the ocean	Lecture and discussion	Weekly, monthly, daily, written exams, and the end-of-year exam
2					
3					
4					
5					
6					
7					
8					
9					

10		their existence The			
11		geographical			
12		distribution of the			
13		seas and oceans in			
14		the world, the bases			
15		used in classifying			
Holiday		the seas and their			
practicle		natural features, the			
16		climatic conditions			
17		in the seas and			
18		oceans Climatic			
19		regions in the			
19		oceans,			
20		characteristics of			
21		water in seas and			
22		oceans, salinity,			
23		water temperature,			
24		sea ice, light. .The			
25		movement of water			
26		in the seas and			
27		oceans, waves,			
28		tides, ocean			
29		currents, ocean			
0		floors and their			
		topographical			
		characteristicsIsland			
		s and coral reefs,			
		coastal			
		geomorphological			
		phenomena and			
		coastal ocean,			
		coastal			
		classification,			
		coastal			
		geomorphology.			
Course Evaluation •					
Distribution is as follows: 25 marks for monthly and daily exams for the first semester. 25 marks for monthly and daily exams for the second semester. 50 marks for final exams					
Learning and Teaching Resources •					

Required textbooks (curricular books, if any)

Abdul-Ala Razouki Karbel

Main references (sources)

Recommended books and references (scientific journals, reports...)

Electronic References, Websites

Course Description Form

• Course Name:
GTourism geography
• Course Code: 10
• Semester / Year:
2025-2026
• Description Preparation Date:
11/6/2026
• Available Attendance Forms:
In presence
• Number of Credit Hours (Total) / Number of Units (Total)
60 hours / 2 hours weekly
• Course administrator's name (mention all, if more than one name)
Name: Naglaa Jassim Handal ..email: naglaa.jassim@uobasrah.edu.iq
• Course Objectives
.- 1-Enabling students to understand the subject of tourism geography 2- Enabling students to use their geographical information and skills to enter the labor market, both governmental and private. 3- Providing students with special sciences in understanding the subject of tourism geography and the purpose of teaching this scientific subject. 4- Deepening geographical knowledge and familiarity with the geography of the place. Study of geography of power and renewable kinds and its distribution.
• Teaching and Learning Strategies
1. Collaborative idea planning and education strategy. 2. Educating strategy through brainstorming. 3. A set of notes on education strategies.

• Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-30	2 hours	Tourism concept tourist movement, The importance of tourism Historical development of tourism The development of tourism in the world The concept of tourism geography Various types of tourism Natural elements of tourism attraction Tourism facilities and services, Regional organization of tourism planning, Geographical distribution of international tourism tourism planning, Geographical distribution of international tourism Tourism in Iraq	Tourism Geography	Lecture and discussion	Weekly, monthly, daily, written tests, the final yearly test
• Course Evaluation					
Distribution the score:25 monthly and daily for first course. 25 score for monthly and daily for second course. 50 score for final test.					
• Learning and Teaching Resources					
M1-Geography of tourism, Prof. Dr. Sobhi Ahmed Al-Dulaimi - Salah Adnan Majoul 2-2-Studies in the tourist and recreational geography of Iraq, Prof. Dr. Basim Ibrahim Latif, M.D. Ibrahim Rashid Al-Shammari					

Course Description Form

• Course Name: Soil geography					
Geographical Methodology/Geography of petroleum and power					
• Course Code:11					
• Semester /Year:					
2025-2026					
• Description Preparation Date:					
28/2/2026					
• Available Attendance Forms:					
face to face education					
• Number of Credit Hours (Total) / Number of Units (Total)					
60hours/2hours weekly					
• Course administrator's name(mention all,if more than one name)					
Name: Marwa Farid Odeh Kazem Al-Atbi					
Email: marwa.auda@uobasrah.edu.iq					
• Course Objectives					
1-Providing the student in the geographical specialization with knowledge that will benefit him in the field of teaching in the education sector					
2 –Realizing the economic and social returns of soil conservation					
3 - Clarifying the most important modern ideas in Study of soil geography					
Study of geography of energy and renewable types and its distribution.					
• Teaching and learning strategies					
1. Collaborative idea planning and education strategy.					
2. Educating strategy through brainstorming.					
3. A set of notes on education strategies.					
• Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-30	2 hours	1- Providing students with skills study Chemical and physical properties of soil. 2-Harnessing technology to develop education, presenting lectures via computer, and	Soil concepts Environmental systems Land management The parent material of soil Weathering Ion exchange and solution Soil building Soil horizons Description of longitudinal section of soil	1. When writing scientific study, elucidating the scientific material using contemporary techniques and tools. 2. Each student will write research paper a scientific topic and will acquire writing.	Weekly, monthly, daily, written tests, and the final yearly test

		presenting and discussing student articles	Soil temperature Soil water Movement of water and air in the soil Soil permeability Soil classification Types of soil Soil and ground surface Plant communities and ecosystems Soil and time Productive fertility and plant nutrition Soil organisms Habitats microorganisms Organic matter in soil Soil and earth processes Nitrogen and carbon cycle Soil management\ Types of use and management various lands Deterioration of land surface and soil	3.Obtaining relevant sources for the research topic and learn how to make most of fieldwork and libraries.	
• Course Evaluation					
Distribution of the score: 25 monthly and daily for first course. 25 score for monthly and daily for second course. 50 score for final test.					
• Learning and Teaching Resources					
Soil Geography / Ali Hussein Al-Shalash					
Soil Geography, written by Kazem Shanta					

Course Description Form

• Course Name:					
Industrial geography					
• Course Code: 13					
• Semester / Year: 2025-2026					
Annual					
• Description Preparation Date:					
12/6/2026					
• Available Attendance Forms:					
My presence only					
• Number of Credit Hours (Total) / Number of Units (Total)					
144hour annually.4An hour a week					
• Course administrator's name (mention all, if more than one name)					
Name; wafaa Salman hasan Email: wafaa.hasan@uobasrah.edu.iq					
• Course Objectives					
1- Encouraging students to propose solutions to real-world industrial problems 2- Introducing students to the importance of industry at the local and regional levels 3-Focusing on the educational and moral aspect of the student and instilling a spirit of dedication and tolerance					
• Teaching and Learning Strategies					
1-Education strategy collaborative concept planning. 2-Teaching strategy brainstorming. 3-Education strategy notes series The strategy					
• Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2Hour	1-Teaching	Industry geography	1- Explainin g the scientific material and involving students in discussing it.	aFor weekly, monthly, daily, written exams, and the end-of-year exam.
2	2 hour	students			
3	2 hour	method			
4	2 hour	scientific			
5	2 hour	discussion of			
6	2 hour	subject			
7	2 hour	industrial			
8	2 hour	geography			
9	2 hour				
10	2 hour	2- Educati			
11	2 hour	students abo			
12	2 hour	industrial			

13	2 hour	problems on		2-	
14	2 hour	real level.		Preparing	
15	2hour			reports	
vacation		3- Encourag		related to	
16	2hour	students		the	
17	2 hour	express		material	
18	2 hour	scientific		that was	
19	2 hour	opinions to so		previously	
19	2 hour	these problem		discussed.	
20	2 hour			3- Conduct	
21	2 hour	4- Studer		field visits	
22	2 hour	knowledge		factories.	
23	2 hour	the geographi			
24	2 hour	components t			
25	2 hour	helped settle			
26	2 hour	industry in th			
27	2 hour	governorates.			
28	2 hour				
29	2 hour				
30	2 hour				
• Course Evaluation					
Distribution the score:25 monthly and daily for first course. 25 score for monthly and daily for second course. 50 score for final test.					
• Learning and Teaching Resources					
Required textbooks (methodology, if any) Main references (sources) Nothing Industry geography'Abdul Zahra Ali Al-Janabi Foundations of industry geography and its applications'Mohamed Azhar Saeed Al-Sammak					

Course Description Form

• Course Name:					
Geography of transport and international trade					
• Course Code: 15					
• Semester / Year:					
2025-2026					
• Description Preparation Date:					
11/6/20256					
• Available Attendance Forms:					
In presence					
• Number of Credit Hours (Total) / Number of Units (Total)					
90 hours / 3 hours weekly					
• Course administrator's name (mention all, if more than one name)					
Name: Asaad Abbas Hindi email: Asaad.hindy@uobasrah.edu.iq					
• Course Objectives					
.- 1- Giving students the skill of knowing the most important means of transportation in the world and to what extent and level these means have reached. 2- Knowing that the student will gain experience about global commercial markets, such as the unified Arab market, the free market for the Arab countries, the Council of the European Union, or the European market, and the most important global commercial markets in the world. 3- Equipping students with how to deliver information to the recipient, as they are important to current students and future teachers and professors. Study of geography of power and renewable kinds and it's distribution.					
• Teaching and Learning Strategies					
1. Collaborative idea planning and education strategy. 2. Educating strategy through brainstorming. 3. A set of notes on education strategies.					
• Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

1-30	3 hours	- Explaining the scientific material in detail and giving a clear picture of the most important media Transport in the world. 2- Giving a realistic picture of the country's reality (Linking the theoretical topic to the practical topic and developing students' skills through realistic thinking about international transportation and trade. 3- Make students understand that there is reality Theoretical and practical reality connects The two subjects and this reality are for a purpose Giving a picture of the theoretical aspects The practical aspects even have a picture More elaborate and more accurate for the student		Lecture and discussion	Weekly, monthly, daily, written tests, and final yearly test.
• Course Evaluation					
Distribution the score: 25 monthly and daily for first course. 25 score for monthly and daily for second course. 50 score for final test.					
• Learning and Teaching Resources					
MGeography of transport and international trade. Transport Geography by Professor Dr. Muhammad Azhar Al-Sammak And others. Transport geography, its meaning and concept, by Professor Dr Muhammad Saeed Abdo. 1- Geography of transport and international trade. 2- Transportation Geography by Professor Dr. Muhammad Azhar Al-Sammak et al. 3- Transport geography, its meaning and concept, by Professor Dr Muhammad Saeed Abdo.					

Course Description Form

• Course Name:					
Planning and development					
• Course Code:16					
• Semester / Year:					
2025-2026					
• Description Preparation Date:					
11/6/2026					
• Available Attendance Forms:					
face to face education					
• Number of Credit Hours (Total) / Number of Units (Total)					
2 hours weekly					
• Course administrator's name (mention all, if more than one name)					
Name: Ruwaida Mustafa Mansoor Email: ruwaida.mansoor@uobasrah.edu.iq					
• Course Objectives					
1- Enabling students to understand the subject of development and planning.					
2- Enabling students to employ their geographical information and skills in their profession as a teacher in second schools					
• Teaching and Learning Strategies					
1. Collaborative idea planning and education strategy.					
2. Educating strategy through brainstorming.					
3. A set of notes on education strategies.					
• Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-3	2 hours	Students should know the importance of development and planning	The concept of economic backwardness / manifestations of economic backwardness / interpretation	theoretical lecture	Weekly, monthly, daily, written tests, and final year test.

4-7	2 hours	of economic backwardness development concept Definition / Evolution of development theories / indicators for measuring development Economic indicators, social indicators, indicators of basic need / indicators of companionship and quality of life Some indicators development in Arab countries The second chapter is development theories and new development policies Classification of economic development theories economic development policies Chapter III The role of economic sectors in development The importance of industry and		
8-11	2 hours			

12-14	2 hours		manufacturing to development The role of agriculture in development Foreign trade and its role in development technology and economic development		
15-18			The government's role in supporting building technological capabilities		
19-22	2 hours		Remittances workers abroad		
23-26	2 hours		Chapter Four Development Finance The sector's relationship to finance and development local funding sources External financial flows Known Financial Policies		
27-30	2 hours		Chapter Five: Obstacles to Economic Development Chapter Six Basic Concepts of Economic Planning The concept of planning and its		

			justifications Basic physical planning, planning in different systems Planning methods and techniques Planning stages Tools used in preparing plans Comprehensive planning problems and the need to pay attention to the private sector		
• Course Evaluation					
Distribution the score:25 monthly and daily for first course. 25 score for monthly and daily for second course. 50 score for final test.					
• Learning and Teaching Resources					
The author: Ahmed Aref Al-Assaf and Mahmoud Hussein Al-Wadi					

Course Description Form

• Course Name: Social geography
• Course Code: 17
• Semester /Year:
2025-2026
• Description Preparation Date:
28/2/2026
• Available Attendance Forms:
face to face education
• Number of Credit Hours (Total) / Number of Units (Total)
60hours /2hours weekly
• Course administrator's name(mention all,if more than one name)
Name: Assistant Professor. Osama Hamid Majeed

Email: osama.majeed@uobasrah.edu.iq					
• Course Objectives					
1- Introducing the content and philosophy of social geography 2 - Deepening the student's knowledge of the concepts of social geography topics. 3 - Be informed and empowered to use data and provide students with the skills and abilities to understand social demographic changes Study of geography of energy and renewable types and its distribution.					
• Teaching and learning strategies					
1. Collaborative idea planning and education strategy. 2. Educating strategy through brainstorming. 3. A set of notes on education strategies.					
• Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-30	2 hours	1- Giving students the skill of studying social geography 2- Harnessing technology to develop education, presenting lectures via computer, and presenting and discussing student articles	The emergence of social geography and its relationship to the branches of geography The relationship between social geography and population geography Social geography topics The importance of social geography Data and sources of social geography studies Measures in social geography Research methods in social geography Local, Arab and international communities Applications of social geography	1. When writing a scientific study, elucidating the scientific material using contemporary techniques and tools. 2. Each student will write a research paper on a scientific topic and will acquire writing. 3. Obtaining relevant sources for the research to make the most of fieldwork and libraries.	Weekly, monthly, daily, written tests, and the final yearly test
• Course Evaluation					
Distribution of the score: 25 monthly and daily for first course. 25 score for monthly and daily for second course. 50 score for final test.					

• Learning and Teaching Resources
Bassem Abdul Aziz Al-Othman, Hussein Aliwi Nasser Al-Zayadi, soc geography

Course Description Form

CourseName:
Urbanofgeography
.CourseCode:18
.Semester/Year:
2025-2026
.DescriptionPreparationDate:
18-6-2026
.AvailableAttendanceForms:
faceto faceeducation
.NumberofCreditHours(Total)/NumberofUnits(Total)
2hoursweekly
.Courseadministrator'sname(mentionall,ifmorethanone name)
Name: makram jamal abaas
Email: Makram.jamal@uobasrah.edu.iq

8.CourseObjectives					
• Enablingstudentstounderstandandperceive geography of cities • Puttingthemessageintoaction • Communicating information related to the c environment					
Deepeningstudents'geographicalknowledge					
.TeachingandLearningStrategies					
• Collaborativeideaplanningandeducationstrategy. • Educatingstrategythroughbrainstorming.					
Asetofnotesoneducationstrategies.					
.CourseStructure					
Week	Hours	Required Learning Outcomes	Unitorsubjectname	Learn ing metho d	Evaluati on method
1-30	2hours	Studentssho ul know the importance of urban of geography	The nature of the geography of cities Urbanization and general concepts Cities classification city jobs Theories of internal structure of cities urban land use Housing-commerce-industry-services the citizens Growth-Distribution-Structure the citizens Growth-Distribution-Structure Characteristics of the size of cities and the factors affecting them Spatial interaction and problems Principles of the occurrence of the interaction		Weekly, monthly, daily, written tests, and the final yearly test.

			The importance of interaction and the factors affecting it. City morphology city plan Architectural structure City land uses morphological stages Central Place Theory economic basis of cities Land values in cities Regional Relations of Cities. central place theory the economic basis of cities Land values in cities Regional Relations of Cities		
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.Course Evaluation					
Distribution the score: 25 monthly and daily for first course. 25 score for monthly and daily for second course. 50 score for final test.					
.Learning and Teaching Resources					
Dr. Salah Hashem Al-Asadi- Geography of cities					

Course Description Form

• Course Name:
Geographic techniques
• Course Code: 19
• Semester / Year:
2025-2026
• Description Preparation Date:
22/3/2026
• Available Attendance Forms:
face to face education
• Number of Credit Hours (Total) / Number of Units (Total)
60 hours / 2 hours weekly

Course administrator's name (mention all, if more than one name)					
Name D. Prof. Tareq J. Ali Email: taraq.ali@uobasrah.edu.iq					
Course Objectives					
1. Teaching pupils how to write geographical research papers. 2. Developing pupils' writing and analytical abilities. 3. Explaining the key approaches and strategies for writing geographical research. Study of geography of power and renewable kinds and it's distribution.					
Teaching and Learning Strategies					
1. Collaborative idea planning and education strategy. 2. Educating strategy through brainstorming. 3. A set of notes on education strategies.					
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-30	2 hours	1 Informing students about the most important methods of interpreting, processing, drawing maps and monitoring sites	First: the concept of geographical technologies 1- The importance and types of geographical technologies theoretical lecture Oral questions The integration of geographical technologies and remote sensing theoretical lecture Oral questions 1- What is remote sensing? 2- Its definition 3- Its importance and scope of application theoretical lecture Oral questions 4 types of remote sensing 5- Remote sensing techniques 6- Radar and its importance	Explaining scientific material theoretically with examples and practical application processing and analyzing space visuals	Weekly, monthly, daily, written tests, and final yearly tests

			7- General features satellite data theoretic lecture Oral questions Third: General characteristics of spa data Set directions. Set monitoring sites Fourth: erdas progr applications theoretic lecture Oral questions The contents of program How to improve visual banding Various operations the visual theoretic lecture Oral questions Fifth - The traditio visual interpretation space visuals and adoption of explanatory characteristics automatic classificatio wave classification undirected classificati theoretical lect Oral questions Characteristics spectral bands and h to choose the best one GPS and its applicatio Eleventh: Geographi Information Systems Introduction to program and the m important applicatio for geographers Applications ARCGIS 10.2		
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			Benefits of GIS and applications Thirteenth: Dealing with the scene window opening the project, and working on the different icons. theoretical lecture Oral questions		
• Course Evaluation					
Distribution the score: 25 monthly and daily for first course. 25 score for monthly and daily for second course. 50 score for final test.					
• Learning and Teaching Resources					
Required test books scientific curriculum research Mohammed Azhir smack, Khadim Abd Alwhab Alasdi petroleum and energy.					

Course Description Form

• Course Name:	
	Thematic maps
• Course Code: 20	
• Semester / Year:	
	2025-2026
• Description Preparation Date:	
	11/6/2026
• Available Attendance Forms:	
	In presence
• Number of Credit Hours (Total) / Number of Units (Total)	
	60 hours / 2 hours weekly
• Course administrator's name (mention all, if more than one name)	
	Name: Naglaa Jassim Handal naglaa.jassim@uobasrah.edu.iq
• Course Objectives	
	1- Objectives Cognitive

A1- The student should know what maps are and their types A2- That the student acquires information about the skills and reading of the thematic map. A3- That the student understands how to make international maps individually A4- That the student understands the areas of regional and international geography ब- Objectives Marathi Private By the decision . B1- That the student learns how to interpret the thematic map. B2- The student should apply the applications of distribution maps and the skills of reading them . B3- The student should analyze and interpret a satellite visual or aerial photograph and write the results or draw a map from them B4- The student draws a digital map B5- The student monitors his location using GPS Study of geography of power and renewable kinds and its distribution.					
• Teaching and Learning Strategies					
1. Collaborative idea planning and education strategy. 2. Educating strategy through brainstorming. 3. A set of notes on education strategies.					
• Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-30	2 hours	Classification of maps and their types The concept of thematic maps and their content Definition of thematic map, classification of thematic maps Steps for displaying public content and methods for displaying private content Methods of displaying phenomena on thematic Maps Qualitative methods (non-quantitative (qualitative) cadastral maps Types of non-quantitative cadastral maps		Lecture and discussion	Weekly, monthly, daily, written tests, and final yearly test.

		How to create non-quantitative cadastral maps Quantitative methods Types of quantitative thematic maps (dot maps, steps for preparing dot maps) Coprolith cadastral maps Maps of isolines Methods for creating isoline maps Charts (definition of proportional symbols, line symbols, bar symbols, or columns) Conditions for signing bars and columns on charts Cadastral symbols, types of cadastral symbols Methods for calculating the dimensions of cadastral symbols Conditions for signing cadastral symbols on maps Volumetric symbols Evaluation of the proportionality method Areas of application of relative symbols Chart maps Flowcharts (motion maps) Evaluation of motion maps			
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		Labels of thematic maps based on the symbols used to represent geographical phenomena Thematic maps in geographic information systems program Elements of thematic map content in a geographic information systems environment Methods of representing geographical phenomena on thematic maps			
• Course Evaluation					
Distribution the score: 25 monthly and daily for first course. 25 score for monthly and daily for second course. 50 score for final test.					
• Learning and Teaching Resources					
Thematic maps/Dr. Falah Shaker Aswad Human distribution maps: their concept and methods for creating them/Dr. Nasser bin Mohammed bin Salma Human distribution maps, foundations and applications/ Dr. Fayeze Al-Issav Introduction to digital maps / Dr. Juma Muhammad Daoud Introduction to the Global Positioning System GPS/Dr. Juma Muhammad Daoud Remote sensing basics and applications / Nabil Subhi Al-Daghistani Visible remote sensing data collection and analysis/Mohamed Abdullah Al-Saleh Remote sensing and its applications in spatial studies / Khaled Muhammad Angari					

Course Description Form

• Course Name:
Geography of natural resources
• Course Code: 21

• Semester / Year: 2025-2026					
Basic					
• Description Preparation Date:					
25/ 02/2026					
• Available Attendance Forms:					
My presence only					
• Number of Credit Hours (Total) / Number of Units (Total)					
60 hours annually. 2 hours per week					
• Course administrator's name (mention all, if more than one name)					
Name: Prof. Dr. Safaa Abdel Amir Rashm					
Email: safaa.al_asadi@uobasrah.edu.iq					
• Course Objectives					
-Learn about the world's natural resources 2- That the student recognizes the natural resource as wealth and economic power 3- Knowledge of the geographical distribution of natural resources in the world					
• Teaching and Learning Strategies					
Strategy 1- Educational strategy, collaborative concept planning. 2- Brainstorming education strategy. 3- Education Strategy Notes Series					
• Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2 hours	A teacher as a researcher capable of critical thinking, distinguishing, and identifying common goals	-General characteristics of natural resources	Lecture and discussion	Weekly, monthly, daily, written exams, and the end-of-year exam.
2			First		
3			- the concept of natural resources		
4			-Classification of natural resources		
5			-The importance of natural resources		
6			-Conservation of natural resources		
7			Secondly - the soil		
8			-The importance of soil		
9			-Soil concept		
10			-Soil components		
11			Soil formation factors		
12			-Soil properties		
13					
14					
15					
16					
17					
18					

19			-Physical properties		
19			-Soil fertility		
20			-Soil classification		
21			-Soil problems		
22			-Maintenance		
23			Third: Water resource		
24			-Types of wa		
25			resources		
26			-Hydrological cycle		
27			-Surface water		
28			-The lakes		
29			-Rivers		
30			-underground water		
			-seas and oceans		
			Fourth: Natural plan		
			-Natural plant variet		
			Fifth: Livestock		
			-Factors affecti		
			animals		
			Sixth: Mine		
			resources and ener		
			sources		
• Course Evaluation					
Distribution is as follows: 25 marks for monthly and daily exams for the first semester. 25 marks for monthly and daily exams for the second semester. 50 marks for final exams					
• Learning and Teaching Resources					
Geography of Natural Resources, Safaa A.R. Al-Asadi, University of Basr 2017.					

Course Description Form

• Course Name: Geography of Iraq
Geographical Methodology/Geography of petroleum and power
• Course Code:
• Semester /Year:
2025-2026
• Description Preparation Date:
25/2/2026
• Available Attendance Forms:

face to face education					
• Number of Credit Hours (Total) / Number of Units (Total)					
60hours /2hours weekly					
• Course administrator's name (mention all, if more than one name)					
Name: Bushraa. Ramadhan Yaseen Email: bushraa.ramadhan@uobasrah.edu.iq					
• Course Objectives					
1-Providing the student in the geographical specialization with knowledge that will benefit him in the field of teaching in the education sector 2 –Defining regional geography, studying it, and linking its geographical phenomena and their mutual relations with the population 3 - Clarifying the most important modern ideas in Studying the character of region and highlighting the regional variation in spatial unity Study of geography of energy and renewable types and its distribution.					
• Teaching and learning strategies					
1. Collaborative idea planning and education strategy. 2. Educating strategy through brainstorming. 3. A set of notes on education strategies.					
• Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-30	2hours	1- Providing students with skills study Geographical characteristics of Iraq. 2-Harnessing technology to develop education, presenting lectures via computer, and presenting and discussing student articles	The importance of quality of the site Geological structure and surface Climate of Iraq Soil problems in Iraq Natural plant Origin of population Geographical distribution population and factors affecting it Population growth Natural increase Urbanization Indicators of economic development in Iraq Development programs Agricultural development	1. When writing scientific study, elucidating scientific material using contemporary techniques and tools. 2. Each student will write research paper on scientific topic and will acquire writing. 3.Obtaining relevant sources for the Research	Weekly, monthly, daily, written tests, and the final yearly test.

			industrial development Life factors Transport and trade Environmental problems in Iraq Desertification Pollution of all kind in Iraq Dust phenomena Soil salinity	topic and learning how make the most fieldwork and libraries.	
• Course Evaluation					
Distribution of the score: 25 monthly and daily for first course. 25 score for monthly and daily for second course. 50 score for final test.					
• Learning and Teaching Resources					
Geography of Iraq / Abdullah Salem Al-Maliki					
The geography of Iraq, its natural and human economic framework / Abdul Fadel Al-Saadi / 2009					

Course Description Form

• Resolution name : Microclimate
• Resolution symbol: 24
• Season/the year :out 2025-2026
Out
• Date this description was prepared 28/2/2026
• OPP attendance available:
My presence only
• Number of study units (total)/number of units (total):
60/Watch, 2 per week
• Name of the appointed judiciary (if more than one name is prohibited)
name. Zahraa Karim Jassim E-mail: zahraa.jasim@uobasrah.edu.iq
• Objectives of the judiciary
1. Learn about the concept of comprehensive science and its importance only. 2. Identify the factors that are controlled by definition.

3. Identify the geographical environments available to them in sectoral climates.					
• Reasons for teaching and learning					
The strategy 1-Cooperative education planning strategy. 2-Teaching strategy brainstorming. 3-Educational notebook series strategy					
• Regime					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	Hours	week
A For a Forkly, monthl y, daily, written exams, and the end-of-year exam.	Explaining the scientific material through lecture and discussion	- The concept of deterministic science and its minor importance - Research furnace and the changing factors in the climatic trend. -Earth's climate Soil climate The climate of fl barren surfaces The climate of the surfaces is vegetative The climate is contrary to the harsh conditions City climate	Disti ngui shin g com mon	2 hour	1
				2 hour	2
				2 hour	3
				2 hour	4
				2 hour	5
				2hour	6
				2 hour	7
				2 hour	8
				2 hour	9
				2 hour	10
				2 hour	11
				2 hour	12
				2 hour	13
				2 hour	14
				2 hour	15
					Vacatio
				2 hour	vacatio
				2 hour	16
				2 hour	17
				2 hour	18
				2 hour	19
				2 hour	19
				2 hour	20
				2 hour	21
				2hour	22
				2hour	23
				2hour	24
				2 hour	25
				2hour	26
				2 hour	27
2 hour	28				
2hour	29				
	30				
• Decision evaluation					

distributions: 25Menstrual and daily cycle for the first trimester. 25Monthly and daily exam for the second semester. 50Final exam score
• Learning and teaching resources
Basic textbooks (found lessons) Ali Hassan Musa, Al-Manaka Al-Asghar Main references (sources) Salam Hat Al-Jubouri, Climatology Supporting books and references that cuts (scientific journals, reports.... Electronic references, Internet sites

Course Description Form

• Course Name:
The geography of the United States
• Course Code: 25
• Semester / Year: 2025-2026
Basic
• Description Preparation Date:
25/ 02/ 2026
• Available Attendance Forms:
My presence only
• Number of Credit Hours (Total) / Number of Units (Total)
45 hours annually. 2 hours per week
• Course administrator's name (mention all, if more than one name)
Name: Aula Yousif Dawood
Emai: aaldinen@gmail.com
• Course Objectives

1- Introducing students to the regional study and enabling them to know the boundaries of the region. 2- Empowering and familiarizing students with the borders of the North American continent and its sources of strength. 3- Providing students with sciences related to the cultures of the two continents					
• Teaching and Learning Strategies					
Strategy 1- Educational strategy, collaborative concept planning. 2- Brainstorming education strategy. 3- Education Strategy Notes Series					
• Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2 hours	A teacher as a researcher capable thinking, distinguishing, and identifying common goals	The result of the statistical study and the study of the geography of the Americas, the similarities and differences between the two Americas, the characteristics of geology and topography in North America Characteristic s of the topographical situation and geographical distribution of surface features on the continent (eastern coastal plains, the	Lecture and discussion	Weekly, monthly, daily, written exams, and the end-of-year exam.
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Holiday practice					
16					
17					
18					
19					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					

29	30		Piedmont plateau, the Appalachian highlands, the Lawrence bloc, the central plains, the Cordalera system, the climatic characteristics of the North American continent, the factors affecting climatic characteristics, the characteristics of the climate elements on the continent, the characteristics of atmospheric pressure Winds, precipitation characteristics on the continent, climatic regions of the continent and their geographical distribution		
• Course Evaluation					
Distribution is as follows: 25 marks for monthly and daily exams for the first semester. 25 marks for monthly and daily exams for the second semester. 50 marks for final exams					
• Learning and Teaching Resources					

Required textbooks (curricular books, if any)

Ali Sahib Talib Al-Moussawi 2007

Main references (sources)

Recommended books and references (scientific journals, reports...)

Electronic References, Websites

Course Description Form

• Course Name:
Geography of the Arab world
• Course Code: 26
• Semester / Year: 2025-2026
Basic
• Description Preparation Date:
25/ 02/ 2026
• Available Attendance Forms:
My presence only
• Number of Credit Hours (Total) / Number of Units (Total)

48 hours annually. 2 hours per week					
Course administrator's name (mention all, if more than one name)					
Name: Kifaya Abdullah Abdul Abbas Email: kifayat.eabd_aleibaas@uobasrah.edu.iq					
Course Objectives					
1. Identify the natural characteristics of the Arab world. 2. Identifying human potential in the Arab world.					
Teaching and Learning Strategies					
Strategy 1. Giving a clear picture of the geography of the Arab world. 2. Forming a general perception of how geographical phenomena are represented on the map of the Arab world.					
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2 hours	Preparing well-qualified teachers capable of performing the teaching task and graduating capable staff To understand the science of geography	he Arab World website	Lecture and discussion	Weekly, monthly, daily, written exams, and the end-of-year exam.
2			The importance of the geographical location of the Arab world		
3			The geological structure and composition of the Arab world		
4			Topography of the Arab world		
5			Terrain units in the Arab world (plateaus)		
6			Mountains (torsional and refractive)		
7			Arabian plains (types and geographical distribution)		
8			Climate of the Arab world, climatic regions in the Arab world		
9			Water resources in the Arab world		
10			The soil of the Arab world (types of soils and their		
11					
12					
13					
14					
15					

Holiday			geographical distribution)		
practicle			Natural plants in the Arab world (plant regions)		
16			Population of the Arab world (spatial distribution of population)		
17			Population movement in the Arab world (internal and external migration)		
18			Population integration in the Arab world		
19			Geographical factors affecting agricultural production		
19			-----		
20			-----		
21			Agricultural crops (grain crops)		
22			Agricultural crops (legume crops)		
23			Agricultural crops (fiber crops)		
			Agricultural crops (oil crops)		
			Agricultural crops (sugar crops)		
			Livestock in the Arab world		
			Mineral wealth in the Arab world		
			Transport and international trade		
			Arab economic integration		
• Course Evaluation					
Distribution is as follows: 25 marks for monthly and daily exams for the first semester. 25 marks for monthly and daily exams for the second semester. 50 marks for final exams					
• Learning and Teaching Resources					

Required textbooks (curricular books, if any)
Main references (sources)
1. Muhammad Azhar Saeed Al-Sammak and Hashem Khudair Al-Janabi, Geography of the Arab World.
2. Basem Abdulaziz Omar Al-Othman and Hussein Aliwi Nasser Al-Zayadi, Geography of the Arab World.
3. Bahri Ahmed Al-Katri, Geography of the Arab World.
Recommended books and references (scientific journals, reports...)
Electronic References, Websites

Course Description Form

• Course Name:
Geographic thought
• Course Code: 27
• Semester / Year: 2025-2026
Basic
• Description Preparation Date:
25/ 02/ 2026
• Available Attendance Forms:
My presence only
• Number of Credit Hours (Total) / Number of Units (Total)
45 hours annually. 2 hours per week
• Course administrator's name (mention all, if more than one name)
Name: makram jamal abaas Email: Makram.jamal@uobasrah.edu.iq
• Course Objectives
1- Getting to know ancient geographical thought 2- Identify the stages that geographical thought went through 3- Disseminating scientific knowledge and contributing to its clarification preparing workshops that work to clarify these meanings and their concepts 4- Developing students' abilities and enhancing their scientific potential studying this aspect of human sciences to achieve the general benefit society.
• Teaching and Learning Strategies
Strategy 1- Educational strategy, collaborative concept planning. 2- Brainstorming education strategy. 3- Education Strategy Notes Series

			- Phoenician geographical thought (its development and most prominent characteristics) - Common features of Arab geographical thought (an illuminating cultural image). - Arab geographical thought before the emergence of Islam and the most important fields of Arab geographical knowledge. - Greek (Greek) geographical thought (its development and most prominent characteristics). - Roman geographical thought (its development and most prominent characteristics). - Chinese geographical thought (its development and most prominent characteristics). - German geographical thought (its characteristics, most prominent components, its scholars).		
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			- British (English) geographical thought. (American) geographical thought. - Geographical thought (French) - Arab geographical thought (natural geography) (its most prominent scholars).		
• Course Evaluation					
Distribution is as follows: 25 marks for monthly and daily exams for the first semester. 25 marks for monthly and daily exams for the second semester. 50 marks for final exams					
• Learning and Teaching Resources					
Required textbooks (curricular books, if any) Sabri Fares Al-Hiti, Geographical Thought and Research Methodology Ministry of Higher Education and Scientific Research, University of Baghdad, 1985. Main references (sources) Recommended books and references (scientific journals, reports...) Electronic References, Websites					

Course Description Form

Course Name: Environmental geography
Environmental geography
• Course Code: 28
• Semester / Year:
2025-2026
• Description Preparation Date:
11/6/2026
• Available Attendance Forms:
My presence only
• Number of Credit Hours (Total) / Number of Units (Total)
60hours / 2hours weekly

Course administrator's name (mention all, if more than one name)					
Name: Dr.. Iman Karim Abbas Email: eman.abass@uobassrah.edu.iq					
Course Objectives					
1- Documenting the student's ability in pollution and the environment. 2- Introducing the student to the environment and its pollution. 3- Introducing the student to some methods of environmental pollution and drawing an integrated strategy for analyzing them. 4- Increasing the student's ability to develop solutions to environmental problems. Developing the student's abilities in spatial analysis methods in studying the environment and pollution					
Teaching and Learning Strategies					
1- Educational strategy, collaborative concept planning. 2- Brainstorming education strategy. 2- Education Strategy Notes Series					
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-30	2hours	1- Definition of environment and ecology, the concept of environment, natural environment - artificial environment 2- Environment and geography - development of ecology, ecosystems 2- Stages of development of the relationship between natural and human systems 4- Components of natural systems (lithosphere, atmosphere, hydrosphere, biosphere)	Environmental geography	1- Theoretical lecture 2- Oral questions	Monthly, daily, written exams, and the end-of-year exam.

		5- Environment and development, urban development, sustainable development, environmental awareness 6- Environment and environmental pollution, air, water, soil and plant pollution 7- Health, noise and radiation pollution 8-The problem of drought and desertification, global warming - floods - resource depletion - solid, liquid and gaseous waste. Pesticides and health problems, global and local environmental laws and legislation			
• Course Evaluation Distribution the score:25 monthly and daily for first course. 25 score for monthly and daily for second course. 50 score for final test.					
• Learning and Teaching Resources					
Required prescribed books 1- Hassan Sayed Ahmed Abu Al-Enein and others, Human Geography and the Environment, Al-Dar Academic Library, Kuwait, 2006. 2- Ali Hassan Musa, Environmental Pollution, Dar Al-Fikr Al-Masryam, Beirut, second edition, 2006. 3- Nizar Dandash, The Environment Book, Dar Al-Khayal for Printing and Publishing, Beirut,					

Course Description Form

• Course Name:
GAgricultural geography
• Course Code: 29
• Semester / Year:
2025-2026
• Description Preparation Date:
11/6/2026
• Available Attendance Forms:
In presence
• Number of Credit Hours (Total) / Number of Units (Total)
60hours / 2 hours weekly
• Course administrator's name (mention all, if more than one name)
Name: Ibtisam Kati Khaji
Email: ibtisam.khachy@uobasrah.edu.iq
• Course Objectives
.- 1- Knowing what agricultural geography is. 2-Understanding how the first agricultural centers emerged. 3-Understanding the most important natural and human factors affecting the agricultural sector. Study of geography of power and renewable kinds and its distribution.
• Teaching and Learning Strategies

1. Collaborative idea planning and education strategy. 2. Educating strategy through brainstorming. 3. A set of notes on education strategies.					
• Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-30	2 hours	Defining the concept of agricultural geography and the emergence of the first agricultural centers The relationship of agricultural geography to the branches of geography and other sciences Agricultural geography curricula The importance of agricultural geography Natural factors Human factors Characteristics of agricultural production Classification of agricultural production Field crops Patterns of agricultural production Fodder crops Animal Production Factors affecting the distribution of livestock Produced animals (cows, sheep, goats, buffalo, camels)	Agricultural geography	Lecture and discussion	Weekly, monthly, daily, written tests, and the final yearly test.
• Course Evaluation					
Distribution the score: 25 monthly and daily for first course. 25 score for monthly and daily for second course. 50 score for final test.					
• Learning and Teaching Resources					
M1- Nouri Khalil Al-Barazi, Geography of Agriculture, Ministry of Higher Education and Scientific Research, 1980.					

- 2- The remains of a pasture waterfall, Geography of Agriculture, first edition, 2014.
- 3- Subhi Ahmed Al-Dulaimi, Geography of Agriculture, first edition, 2021.

Course Description Form

• Course Name:
Geography of Power
• Course Code: 30
• Semester / Year:
2025-2026
• Description Preparation Date:
11/6/2026
• Available Attendance Forms:
In presence
• Number of Credit Hours (Total) / Number of Units (Total)
90 hours / 3 hours weekly
• Course administrator's name (mention all, if more than one name)
Name: fares Mahdi Mohammed
Email: Fares.mohammed@uobasrah.edu.iq
• Course Objectives
1- Introducing students to the concept of energy, the characteristics of energy and its sources, classifications of energy forms and types of sources, operating principles, energy use techniques, and units of energy measurement and conversion.

2- It aims to identify traditional (fossil) energy sources, which are firstly coal energy, secondly petroleum energy, thirdly natural gas energy and fourthly nuclear energy.

3- For students to know the sources of renewable energy, which are first, wind energy, second, hydro energy, third, solar energy, fourth, biological energy, fifth, geothermal energy, sixth, hydrogen energy, seventh, lightning energy.

4- That students understand the generation and production of electrical energy (energy conversion), which includes, first, its characteristics and advantages, second, its limitations and problems, third, the technology of energy conversion, and fourth, the geographical distribution of production and consumption.

Study of geography of power and renewable kinds and its distribution.

• Teaching and Learning Strategies

1. Collaborative idea planning and education strategy.
2. Educating strategy through brainstorming.
3. A set of notes on education strategies.

• Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-30	3 hours	2 Energy concept The concept of energy geography Research methods in energy geography Classification of energy sources Geographic factors affecting the exploitation of natural and human energy sources Coal Oil Natural gas Renewable energy Types of renewable energy electricity Types of electric power stations Geographical distribution of electrical energy production in the world General framework of mineral wealth Metal concept	Geographic Methodology Geography of petroleum and power		Weekly, monthly, daily, Written tests, and the final yearly test.

		The importance of minerals for humans Characteristics of mineral wealth in nature Mining industry The most important types of metals Geographical distribution of mineral production in the world Regional conflict and competition And international energy sources And international treaties			
• Course Evaluation					
Distribution of the score: 25 monthly and daily for first course. 25 score for monthly and daily for second course. 50 score for final test.					
• Learning and Teaching Resources					
RKazem Abdel Wahab Hassan, Rashid Abdel Rashid, Energy Geography, College of Arts, University of Basra					

Course Description Form

• Course Name:
Geography of Services
• Course Code: 31
• Semester / Year:
2025-2026
• Description Preparation Date:
11/6/2026
• Available Attendance Forms:
In presence
• Number of Credit Hours (Total) / Number of Units (Total)
60 hours / 2 hours weekly

Course administrator's name (mention all, if more than one name)					
Name: Dr. Abbas Abdulhasan Kadhim Email: abbas.Kadhim@uobasrah.edu.iq					
Course Objectives					
.1_ Students learn about the importance of the services sector and its relationship to geography and reveal the basic justifications for studying it. 2- Preparing scientific cadres specialized in studying this sector, understanding its problems, and qualifying them to carry out this scientific role. 3- Developing students' abilities and enhancing their scientific potential to engage in the study of this vital sector to achieve the general benefit of society. 4- Urging researchers and academics to pay attention to this scientific branch and give it more importance in study and research Study of geography of power and renewable kinds and its distribution.					
Teaching and Learning Strategies					
1. Collaborative idea planning and education strategy. 2. Educating strategy through brainstorming. 3. A set of notes on education strategies.					
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-30	2 hours	The concept of geography of services and their development The relationship of geography to the study of services Services and urban life In cities , The development of the study of services in geographical studies Services concept The nature of urban services In cities Determine the spatial framework of the service Study the importance of service Evaluating the efficiency of services Service center concept	Geography of Dry and Region	Lecture and discussion	Weekly, monthly, daily, Written tests, and the final yearly test.

		Methods for determining the service center Classification of service centers Service center regions Hierarchy of service centers Public and community services Infrastructure services The concept of service standard Cadastral standards for the service Service access distance standards Per capita share standards The role of basic plans in planning urban services Base chart number periods Understanding the basic plan of cities for the concept of services The volume of services in the basic plans of cities Planning basic services for cities Employing satellite visualization technology in studying services Satellite visual analysis of services Employing GIS services in studying services. Service mapping, electronic mapping Methods of analyzing electronic maps.			
• Course Evaluation					
Distribution the score:25 monthly and daily for first course. 25 score for monthly and daily for second course. 50 score for final test.					
• Learning and Teaching Resources					
M-Mamdouh Shaaban Debs, Geography of Services - Damascus University 2005-2006..					

Course Description Form

• Resolution name:
G.I.S
• Resolution symbol:32
• Season/the year: out 2025-2026
the year: out
• Date this description was prepared
15 / 5 /2026
• OPP attendance available:
My presence only
• Number of study units (total)/number of units (total):
60Watch, 2 per week
• Name of the appointed judiciary (if more than one name is prohibited)
Dr. Ammar A. Hussain ammar.hussain@uobasrah.edu.iq
• Objectives of the judiciary

1- Providing learners with knowledge of the importance of geographic information systems 2- Preparing scientific cadres specialized in studying this sector, understanding its problems, and qualifying them to carry out this scientific role. 3- Developing students' abilities and enhancing their scientific potential to engage in the study of this vital sector to achieve the general benefit of society					
• Reasons for teaching and learning					
The strategy going researchers and academics to pay attention to this scientific branch and give it more importance in study and research. 5- Identify the capabilities of geographic information systems programs Studying the science of geographic information systems, both theoretical and applied, and gaining experience in dealing with geographic data in terms of tabulation, analysis, and results					
• Regime					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
aFor weekl y, month ly, daily, writte n exams , and the end- of-	Explaining the scientific material through lecture and discussion	(Introduction to geographic information systems, historical development of geographic information systems, geographic databases Networked databases, geo-correction of networked data, digital elevation files, methods of representing phenomena in networked databases Vector databases, methods for	Disti nguis hing com mon	2hour	1
				2hour	2
				2hour	3
				2hour	4
				2hour	5
				2hour	6
				2hour	7
				2hour	8
				2hour	9
				2hour	10
				2hour	11
				2hour	12
				2hour	13
				2hour	14
				2hour	15
					Vacati
				2hour	16
				2hour	17
				2hour	18

year exam.		representing phenomena	2hour	19
		in vector databases,	2hour	19
		methods for converting	2hour	20
		virtual data into vector	2hour	21
		data, global positioning	2hour	22
		devices.	2hour	23
		How the Global	2hour	24
		Positioning System	2hour	25
		works, functional tasks	2hour	26
		of GIS, querying,	2hour	27
		georeferencing, map	2hour	28
		projections	2hour	29
		Summarizing tabular	2hour	30
- data, analyzing structures in tabular data, chapter testing - Some GIS software, reviewed GIS software - ARC disc top software - Arc Gis software, Arc view software - Arc Gis 10.v program - program sections, program interfaces, how to install the program, toolbars in the interfaces, arc toolbox - How to build a database in the program, process and modify databases, add descriptive and spatial tables and link them, produce Arc catalog maps, program interface, produce reports and charts, chapter testing.				
Decision evaluation				

distributions: 25Menstrual and daily cycle for the first trimester. 25Monthly and daily exam for the second semester. 50Final exam score
• Learning and teaching resources
Basic textbooks (found lessons) Geographic information systems, foundations and applications / Khalaf Hussein Ali Al-Dulaimi Main references (sources) Basics of geographic information systems / Gamal Shawan Supporting books and references that cuts (scientific journals, reports....) Geographic Information Systems - Basics and Applications for Geographers / Muhammad Khuzami Aziz Electronic references, Internet sites

Course Description Form

• Course Name:
Geopolitics
• Course Code: 33
• Semester / Year:
2025-2026
• Description Preparation Date:
11/6/2026
• Available Attendance Forms:
In presence
• Number of Credit Hours (Total) / Number of Units (Total)
60hours / 2 hours weekly
• Course administrator's name (mention all, if more than one name)
Name: Mohamed Samir Mohamed ..email: mohammed.samer@uobasrah.edu.iq
• Course Objectives
.- 1-Enabling students to understand the subject of political geography.

2- Enabling students to employ their geographical information and skills their profession as a secondary school teacher. 3- Providing students with science related to the environment. 4- Deepening geographical knowledge and familiarity with the geography of the place and the importance of the state in the present and the past Study of geography of power and renewable kinds and it's distribution.					
• Teaching and Learning Strategies					
1. Collaborative idea planning and education strategy 2. Educating strategy through brainstorming. 3. A set of notes on education strategi					
• Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1 1-30	2 2 hours	Introduction to political geography, political geography, method of discussion and debate Daily preparation, quizzes, month exams, and final exams. Geopolitics and modern geopolitical concepts Factors affecting strength The state (geography) The emergence and developments of the state the site Human geographical factors and their impact on building state	Geopolitics	Lecture and discussion	Weekly, monthly, daily, written tests, and final year test.

		power and population size Population movement and migration The political implications of population movement, growth and geographical distribution Economic factors and their impact on building state power Food and industrial resources and agricultural activity mineral resources - And its impact on the power of the state Modern economic blocs Modern economic blocs international strategic theories (land - continental framework - nuclear) The Arab world and the new international order - Arab national security (reality and challenges) - National security			
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		(reality and future) Arab food security (towards a strategy to protect Arab food) NavyAerial Nationalities and minorities Space the shape the climate Other factors Geographic factors and their effects on state building Economic activity and the development of global economic integration Population distribution Their growth Their installation The concept of geopolitics Geographic methods Distribution of mineral resources			
• Course Evaluation					
Distribution the score:25 monthly and daily for first course. 25 score for monthly and daily for second course. 50 score for final test.					
• Learning and Teaching Resources					
M- Political Geography (Dr. Nafie Al-Qassab and his colleagues, 1980)					
2- Political Geography (Dr. Sabri Fares Al-Hiti)					

Course Description Form

• Course Name:					
Geographic research method					
• Course Code: 34					
• Semester / Year:					
2025-2026					
• Description Preparation Date:					
11/6/2026					
• Available Attendance Forms:					
In presence					
• Number of Credit Hours (Total) / Number of Units (Total)					
60hours / 2 hours weekly					
• Course administrator's name (mention all, if more than one name)					
Name: Hussain Joban Urabe Email: hussain.uraybi@uobasrah.edu.iq					
• Course Objectives					
1. Teaching pupils how to write geographical research papers. 2. Developing pupils' writing and analytical abilities. 3. Explaining the key approaches and strategies for writing geographical research. Study of geography of power and renewable kinds and it's distribution.					
• Teaching and Learning Strategies					
1. Collaborative idea planning and education strateg 2. Educating strategy through brainstorming. 3. A set of notes on education strategies.					
• Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluati on method

1-30	1 2 hours	2 1. Developing students' research writing abilities and teaching them how to do such 2. Knowing students on the best practice for writing scientific research and the resources available to support that.	Geographic research method	1. When writing scientific studies, elucidating scientific material using contemporary techniques and tools. 2. Each student will write research paper on a scientific topic and will acquire writing skills. 3. Obtaining relevant sources for the research topic and learning how to make the most of fieldwork and libraries.	Weekly, monthly, daily, written tests, and the final yearly test
• Course Evaluation					
Distribution of the score: 25 monthly and daily for first course. 25 score for monthly and daily for second course. 50 score for final test.					
• Learning and Teaching Resources					
Required test books scientific curriculum research Mohammed Azhir smack, Khadim Abd Alwhab Alasdi petroleum and energy.					

Course Description Form

Course Name:
Geography of the Arab world
Course Code: 35
Semester / Year: 2025-2026
Basic
Description Preparation Date:
26/ 02/ 2026
Available Attendance Forms:
My presence only
Number of Credit Hours (Total) / Number of Units (Total)

60 hours annually. 2 hours per week					
Course administrator's name (mention all, if more than one name)					
Name: Wahida Dawood Mahmoud Email : Fadak_abdulhasan@outlook.com					
Course Objectives					
1. Identify the natural characteristics of the Arab world.					
2. Identifying human potential in the Arab world.					
Teaching and Learning Strategies					
Strategy					
1. Giving a clear picture of the geography of the Arab world.					
2. Forming a general perception of how geographical phenomena are represented on the map of the Arab world.					
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2 hours	Preparing	he Arab World	Lecture and discussion	Weekly, monthly, daily, written exams, and the end-of-year exam.
2		well-	website		
3		qualified	The importance of		
4		teachers	the geographical		
5		capable of	location of the Arab		
6		performing	world		
7		the teaching	The strategic		
8		task and	importance of the		
9		graduating	Arab world's		
10		capable staff	location		
11		To	The geological		
12		understand	structure and		
13		the science	composition of the		
14		of	Arab world		
15		geography	Topography of the		
Holiday			Arab world		
16			Terrain units in the		
17			Arab world		
18			(plateaus)		
19			Torsion mountains		

19			Refractive mountains		
20			Arabian plains (types		
21			and geographical		
22			distribution)		
23			Climate of the Arab		
24			world, climatic		
25			regions in the Arab		
26			world		
27			Water resources in		
28			the Arab world		
29			The soil of the Arab		
30			world (types of soils		
			and their		
			geographical		
			distribution)		
			Natural plants in the		
			Arab world (plant		
			regions)		
			Population of the		
			Arab world (spatial		
			distribution of		
			population)		
			Population		
			movement in the		
			Arab world/internal		
			migration		

			Population		
			movement in the		
			Arab world/foreign		
			migration		

		Population integration in the Arab world Agricultural production in the Arab world Natural factors affecting agricultural production Human factors affecting agricultural production Agricultural crops (wheat, rice, and barley) Agricultural crops (barley crop) Agricultural crops (yellow and white corn) Agricultural crops (legume crops) Agricultural crops (fiber crops) Agricultural crops (oil crops) Agricultural crops (sugar crops) Livestock in the Arab world		
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			Mineral wealth in the Arab world Transport and international trade Arab economic integration		
Course Evaluation					
Distribution is as follows: 25 marks for monthly and daily exams for the first semester. 25 marks for monthly and daily exams for the second semester. 50 marks for final exams					
Learning and Teaching Resources					
Required textbooks (curricular books, if any)					
Main references (sources)					
1. Muhammad Azhar Saeed Al-Sammak and Hashem Khudair Al-Janabi, Geography of the Arab World.					
2. Basem Abdulaziz Omar Al-Othman and Hussein Aliwi Nasser Al-Zayadi, Geography of the Arab World.					
Recommended books and references (scientific journals, reports...)					
Electronic References, Websites					

Course Description Form

1. Course Name : Geography of Iraq - third stage - Department of History - College of Education for Humanities - University of Basra
2. Course Code: 36
3. Semester / Year: 2025- 2026
4. Description Preparation Date:2026
5. Available Attendance Forms: Daily attendance (morning)

6. Number of Credit Hours (Total) / Number of Units (Total): 60 hours in 15 weeks					
7. Course Administrator’s Name					
Name: Ruwaida Mustafa Mansoor					
Email: ruwaida.mansoor@uobasrah.edu.iq					
8. Course Objectives					
Course Objectives					
1 - Identify the concept of the geographical and astronomical location of Iraq					
2- Identify the elements and phenomena of weather and climate and the circumstances of their formation.					
3- Water resources in Iraq.					
3- Study the population and its geographical distribution.					
5- Study of agriculture, industry, transportation and trade.					
9. Teaching and Learning Strategies					
Strategy		The lesson includes (2) hours of theory - the number of weekly hours is approved, distributed over 15 weeks.			
10. Course Structure					
Week	Hours	Required learning outcomes	Unit Subject Name or	Learning Method	Evaluation Method
1	2		geographical location of Iraq and its importance, the sections of the surface of Iraq: the mountainous and semi-mountainous regions, the western plateau, the alluvial plain, the marshes and swamps,	theoretical lecture	Oral questions and daily tests
2	2		The climate of Iraq, the factors affecting the	theoretical lecture	Oral questions and daily tests

			climate of Iraq, including the location in relation to the latitudes, the location in relation to the seas, terrain, air masses, and air depressions.		
3			Climate elements: temperature, atmospheric pressure, wind and its types, precipitation. Climatic regions: semi-humid, semi-arid and arid climate region	theoretical lecture	Oral questions and daily tests
4			Soil: First the alluvial plain soil and divided into the river terraces soil, the floodplain soil, the marshes and swamps soil, the Shatt al-Arab region and the coastal flats,	theoretical lecture	Oral questions and daily tests

			the eastern edges soil and the rolling plains. high mountains		
5			The natural vegetation, the natural vegetation regions in Iraq, such as the desert plants region, annuals and perennials, the steppe plants region, the forest and weed regions, the regions of river banks, the marshes and swamps plants region	theoretical lecture	Oral questions and daily tests
6			Population of Iraq, sources of information on the population First: Population Census Second: Vital Statistics Third: Sample survey Fourth: Other sources.	theoretical lecture	Oral questions and daily tests

7		Exam	Population growth and population structure, such as age structure, gender structure, and economic structure	theoretical lecture	Oral questions and daily tests
8			Geographical distribution of the population and the distribution of the growth rate of the population of the governorates of Iraq	theoretical lecture	Oral questions and daily tests
9				An explanatory lecture with explanations and examples using a display screen with a blackboard	Surprise tests and assigning students to manage the lecture under supervision and guidance from us, including tests at the end of each course and monthly.
10				An explanatory lecture with explanations and examples using a	Surprise tests and assigning students to manage the lecture under supervision

				display screen with a blackboard	and guidance from us, including tests at the end of each course and monthly.
11				An explanatory lecture with explanations and examples using a display screen with a blackboard	Surprise tests and assigning students to manage the lecture under supervision and guidance from us, including tests at the end of each course and monthly.
12				An explanatory lecture with explanations and examples using a display screen with a blackboard	Surprise tests and assigning students to manage the lecture under supervision and guidance from us, including tests at the end of each course and monthly.
13				An explanatory lecture with explanations and examples using a display	Surprise tests and assigning students to manage the lecture under supervision and

				screen with a blackboard	guidance from us, including tests at the end of each course and monthly.
14				An explanatory lecture with explanations and examples using a display screen with a blackboard	Surprise tests and assigning students to manage the lecture under supervision and guidance from us, including tests at the end of each course and monthly.
15		Exam	Second month exam		
11. Course Evaluation					
Distribution of the score out of 100 according to the tasks assigned to the student, such as daily preparation, daily oral, monthly, or written exams, reports, etc.					
12. Learning and Teaching Sources					
Required textbooks (methodology, if any) The crimes of the Baath regime in Iraq Main references (sources) 1 - Geography of Iraq. Abdullah Salem Al-Maliki. 2015 2- The Geography of Iraq: A Regional Study from a Contemporary Perspective, Abdul Zahra Ali Al-Janabi, 2010 Recommended supporting books and references (scientific journals, reports...) Scientific journals Electronic references, websites Some research and articles on genetics					

Course Description Form

Resolution name: general geography •					
Resolution symbol:37 •					
Season/the year: out 2025-2026 •					
Out					
Date this description was prepared28/2/2026 •					
OPP attendance available: •					
My presence only					
Number of study units (total)/number of units (total): •					
60Watch, 2 per week					
Name of the appointed judiciary (if more than one name is prohibited) •					
the name: M. Wafaa Salman Hasan E-mail: wafaa.hasan@uobasrah.edu.iq					
Objectives of the judiciary •					
What is the concept of general geography-1 - The map and its use 2 . 3- What is meant by theories that explain the origin of the earth. 4- The shape of the earth, longitude					
Reasons for teaching and learning •					
The strategy 1-Cooperative education planning strategy. 2-Teaching strategy brainstorming. 3-Educational notebook series strategy					
Regime •					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	Hours	the week
a For weekl y, month	Explaining the scientific material through	Geography, its definition, development, branches, importance of geography, characteristics of Map and its uses, map definition, map and	Distinction	2 hour	1
				2 hour	2
				2 hour	3
				2 hour	4
				2 hour	5
				2hour	6
				2 hour	7

ly,	lecture	geography, map types,	com	2 hour	8
daily,	and	map reading, drawing	mon	2 hour	9
writte	discussi	scale, map use in the		2 hour	10
n	on	field and positioning		2 hour	11
exams		Earth origin,		2 hour	12
, and		theories that		2 hour	13
the		explain the		2 hour	14
end-		genesis of the		2 hour	15
of-		Earth, the		2 hour	16
year		theory of		2 hour	17
exam.		asteroids, the		2 hour	18
		theory of gas		2 hour	19
		tide, the		2 hour	20
		theory of		2 hour	21
		stellar du		2 hour	22
				2 hour	23
		Earth shape,		2hour	24
		longitudes and		2hour	25
		latitudes, earth		2hour	26
		shape, earth		2 hour	27
		dimensions,		2 hour	28
		longitudes,		2 hour	29
		latitudes		2hour	30
		Movements of			
		the Earth, the			
		movement of			
		the Earth			
		around its			
		axis, the			
		movement of			
		the Earth			
		and			
		topography,			
		land and water			
		distribution,			
		positive			
		terrain,			
		negative			
		terrain			

		Population, population growth, population distribution, density, population composition, migration			
Decision evaluation •					
distributions: 25Menstrual and daily cycle for the first trimester. 25Monthly and daily exam for the second semester. 50Final exam score					
Learning and teaching resources •					
Basic textbooks (found lessons) DUKTUR AHMAD EALI AISMAEIL Main references (sources) 2- ALAISTADH ALDUKTUR YUSRAA ALJAWHARI Supporting books and references that cuts (scientific journals, reports....) Electronic references, Internet sites					