

## Academic Program Description

University Name: ...University of Anbar ...

Faculty/Institute: ... College of Education for Girls ...

Scientific Department: ... Department of Geography.....

Academic or Professional Program Name: Bachelor's degree in Geography

Final Certificate Name: ... Bachelor's degree in Geography...

Academic System: ... A four-year semester system .....

Description Preparation Date: 10/2/2024

File Completion Date: 10/2/2024

Signature:

Head of Department Name:

Prof. Dr. Nasra Jadwe Date:

Date:

Signature: Asst. Prof. Dr.

Firas Fadhil Ali

Scientific Associate Name:

Date:

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Manager Prof. Dr. Ahmed Abdel Sitar

Date:

Signature:



Approval of the Dean

أ.د. نضرة أحمد جديع  
العبيد

## **1. Program Vision**

Geographic science, a spatial science... uses description, analysis, and education as basic materials for understanding spatial relationships in the distribution of geographic phenomena (human or natural). By introducing the student to his world, he also means participating in the aspects of distribution and variation of geographical phenomena and the resulting problems, results, and what can be achieved. There are several geographical uses to modify this situation; In addition to that, geographical knowledge is focused on everyone who seeks to understand, analyze and realize the various phenomena that include our time in the field of politics, transportation, population, nature in its various fields, etc., in order to make a broader contribution to cultural and social life from all fields and applications.

## **2. Program Mission**

The basic mission of the Geography Department consists of three pillars:  
Community service: consolidating relations with other countries is our specialty by providing basic and applied research, as well as holding seminars and scientific lectures inside and outside the department. Scientific research: Providing scientific research through the participation of faculty members and students in creating e-mail and disseminating knowledge to contribute to the development of the local community. Providing an excellent educational environment for everyone, strengthening them in specific periods, and arming them with strong knowledge, their intellectual level, and their abilities to contribute to society. As well as training and refining students' minds scientifically and cognitively, emphasizing social and cultural values and responding to the requirements of the local market.

### 3. Program Objectives

- The student in preliminary studies must be fully aware of the natural and human characteristics of Iraq, the Arab world, and the world because of its importance in scientific and practical life.
- Qualifying the student in using practical research methods and techniques in geographical studies, and understanding Arab and international geographical thought.
- Developing the student's scientific skills in the field of drawing and reading maps, aerial and satellite images, and other divisions in a way that serves various geographical studies
- Directing the student in a scientific direction based on the fact that understanding any geographical phenomenon requires analysis, interpretation, and research into its causes and results.

The scientific staff in the department works to create environmental awareness among students.

The department works to consolidate human values through the scientific and humanitarian concept of geography with its natural and human characteristics.

### 4. Program Accreditation

The department's self-evaluation report is the file for evaluating the scientific department in terms of extensive research into the overall tasks, functions and activities, taking into account the mission and objectives of the department within the quality assurance standards and programmatic accreditation standards for the Geography Department in accordance with the NCATE program accreditation standards, where the responsibility for conducting the study lies. The evaluation results should be supported by attaching the required evidence and supporting documents to those in charge of the department under the supervision of the Quality Assurance and University Performance Division in the college, so that everyone is committed to conducting an objective and scientific self-evaluation in the department in light of its mission. This was done through the following procedures:

- 1- Forming a committee to write a self-evaluation report for the Geography Department in accordance with program accreditation standards.
- 2- Holding periodic meetings to follow up on the progress of work according to the plans that were formulated by the committee within precise timings, identifying obstacles and trying to solve them.

Collect the necessary data and document it by the relevant department, authenticate it by the Head of the Geography Department, and then authenticate it by the Dean of the College.

## 5. Other external influences

The program is prepared within the framework of all external variables, including challenges and the opportunities or threats they generate, and internal variables and the strengths or weaknesses they generate.

## 6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	16	16		
College Requirements	37	37		
Department Requirements	127	127		
Summer Training	-----			
Other	-----			

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

## 7. Program Description

Year/Level	Course Code	Course Name	Credit Hours	
			theoretical	practical
First year 2023–2024	EWG1101	English	2	
	EWG1102	Arabic	2	
	EWG1103	human rights	2	
	EWG1104	Geography of Australia in English	2	
	EWG2101	Foundations of education	2	
	EWG2102	psychology	2	
	EWG2103	History of the Arab world	2	
	EWG2104	the old	2	
	EWG3101	Computer science	3	
	EWG3102	Geomorphological processes	3	
	EWG3103	Geography of Africa	3	
	EWG3104	climatology	3	
	EWG3105 EWG3106	Weather geography	3- 4	
	EWG3107	My theoretical maps 1- My practical maps 2	3	
	EWG1108	Dry regions		

<b>Second year 2023–2024</b>	EWG2201	History of the Islamic State	2	
	EWG2202	Geographic research methods	2	
	EWG2203	Developmental psychology	2	
	EWG2204	Educational administration and secondary education	2	
	EWG3201	Climatic regions	3	
	EWG3202	Climatology	3	
	EWG3203	Geography of Europe	3	
	EWG3204	Geography of Asia	3	
	EWG3205	Basics of science	3	
	EWG3206	Earth shapes	3	
	EWG3207	Geomorphology operations	3	
	EWG3208	Population geography	3	
	EWG3209	Geography of water resources	3	
	EWG3210	Environmental geography	3	
	EWG3211	Remote Sensing	2	

<b>Third year 2023–2024</b>	<b>EWG2301</b>	The history of the modern and contemporary Arab world	2	
	<b>EWG2302</b>	Geographic statistics	2	
	<b>EWG2303</b>	Curricula and teaching methods	2	
	<b>EWG2304</b>	Educational guidance and mental health	2	
	<b>EWG3301</b>	Agricultural geography	3	
	<b>EWG3302</b>	Industrial geography	3	
	<b>EWG3303</b>	Geography of cities	3	
	<b>EWG3304</b>	Rural geography	3	
	<b>EWG3305</b>	Applied geomorphology	3	
	<b>EWG3306</b>	Field morphology	2	
	<b>EWG3307</b>	North America 1	3	
	<b>EWG3308</b>	South America 2	3	
	<b>EWG3309</b>	Regional planning	3	
	<b>EWG3310</b>	Geography of services	3	
	<b>EWG3311</b>	Geography of environmental disasters	3	
<b>Fourth year 2023–2024</b>	<b>EWG2401</b>	Measurement and evaluation	2	
	<b>EWG2402</b>	Applications (educational)	2	
	<b>EWG2403</b>	watching	1	
	<b>EWG2404</b>	Graduation research	1	
	<b>EWG3401</b>	Natural Geography of the Arab World 1	3	
	<b>EWG3402</b>	Human Geography of the Arab World 2	3	
	<b>EWG3403</b>	Transportation geography	3	
	<b>EWG3404</b>	Geography of Iraq	3	
	<b>EWG3405</b>	Geopolitics	3	
	<b>EWG3406</b>	Systems applications -1	3	
	<b>EWG3407</b>	Geographic thought	3	
	<b>EWG3408</b>	Geographic Information Systems -2	3	
	<b>EWG3409</b>	Development geography	3	
	<b>EWG3410</b>	Geography of seas and oceans	3	
	<b>EWG3411</b>	City territory	3	



## 8. Expected learning outcomes of the program

Learning outcomes 1	Learning outcomes statement 1
<b>Knowledge</b> – The ability to master the basics and methods of scientific research. – Communicate with everything that is new or useful and adapt it.	– The ability to follow the sources and information required in the field of geography. – Methods of assessing knowledge and understanding.
<b>Skills</b>	
– Subject-specific skills: thinking skills. – The ability to understand the basics of scientific research and its methods. – The ability to understand what geography is? What are its most important titles? – The ability to obtain basic sources specialized in the geographical specialization.	– Learn basic professional skills in teaching geography. – Using various types of mapping programs. – Trying to understand the basics of quality in higher education. – Developing curriculum vocabulary for geography and its various branches.
<b>Ethics</b>	
1– Graduates of the Geography Department can work in many aspects of the labor market for the public and private sectors, as follows: The Ministry of Education – the Ministry of Transport – the Ministry of Agriculture – and Irrigation – the Civil Aviation Authority – the Ministry of Environment 2– Dealing with crises and economic problems. 3– Building geographical and quantitative foundations for the student.	– The emergence of a generation that is aware, educated, and aware of the human sciences, including geography.

## 9. Teaching and Learning Strategies

- Explaining the scientific material to students in detail.
- 2– Students’ participation in solving mathematical problems.
- 3– Discussion and dialogue about vocabulary related to the topic.
- 4– Preparing graduation research for the final stage and discussing that research with the students.
- 5– Conducting the application in secondary schools for students of the finished locality.

## 10. Evaluation methods

- Weekly, monthly and daily exams and the end of the first and second semester exams.
- Homework.
- Writing scientific reports.

## 11. Faculty

### Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
a. Dr.. Adel Rashid Hussein	Geography	mankind				
a. Dr.. Mishal Mahmoud Fayyad	Geography	Natural				
a. Dr.. Ismail Abbas Harrat	Geography	Natural				
a. Dr.. Younis Hindi Aliwi	Geography	mankind				
a. M. Dr.. Majeed Jassim Mohammed	Hebrew language and literature	History of religions and Jewish religious thought				
a. M. Dr.. Saadi Abdel Odeh	Geography	Natural				
a. M. Dr.. Hamid Hussein Farhan	Geography	mankind				
Mother. Dr.. Buthaina Rahim Shawkat	Geography	mankind				
Mother. Dr.. Enas Muhammad Saleh	Geography	mankind				
M. Dr.. Nour Odeh Sabbar	Geography	mankind				
M. Dr.. Widad Hammad Khalaf	Geography	mankind				
M. Dr.. Wafaa Kamel Faisal	Geography	maps				



Dr.. Adnan Abdel Jalil's virgin	Geography	mankind				
Israa Qasim Daoud Rashid	Geography	Natural				
Weam Ali Hammoud Khalifa	Geography	Natural				
Remove the torture of Obaid Dahi	Geography	Natural				
Istabraq Hamad's stubbornness	Geography	mankind				
Israa Saad Hussein	Geography	mankind				
Awrad Imad Shehab Hamad	Geography	mankind				
Lina Rashad Globe Serious	Geography	mankind				
Rawaa Nouri Suwayd	Geography	mankind				
Sahar Khaled Hammad Hussein	Geography	mankind				
Awrad Imad Shehab Hamad	Geography	mankind				
Lina Rashad Globe Serious	Geography	Natural				
Rawaa Nouri Suwayd	Geography	Natural				
Sahar Khaled Hammad Hussein	Geography	mankind				

### **Professional Development**

#### **Mentoring new faculty members**

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

#### **Professional development of faculty members**

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

### **12. Acceptance Criterion**

(setting regulations related to enrollment in the college or institute, whether central admission or others)

### **13. The most important sources of information about the program**

- 1- Geomorphology – Mahdi Al-Sahhaf; Adnan Naqash
- 2- Climatology – Adel Saeed Al-Rawi; Qusay Abdel Majeed Al-Samarrai
- 3- Soil Science – Ibrahim Sharif
- 4- Geography of Industry – Muhammad Azhar Al-Sammak; Muhammad Habib Rasool
- 5- Geography of cities – Adel Abdullah Khattab
- 6- Geography of Agriculture – Abdul Razzaq Muhammad Al-Batahi
- 7- Transportation Geography – Ahmed Al-Samarrai; Youssef Yahya Tamas

### **14. Program Development Plan**

- 1- Using new concepts in the field of geography.
- 2- Using practical research methods and techniques in geographical studies, and understanding Arab and international geographical thought.
- 3- Developing the student's scientific skills in the field of drawing and reading maps, aerial and satellite images, and other divisions to serve various geographical studies, in addition to using electronic devices to display information and geographical issues.

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 stage	EWG1101	english language	Basic	*	*	*	*	*	*	*	*	*	*	*	
	EWG1102	Arabic	Basic	*	*	*	*	*	*	*	*	*	*	*	
	EWG1103	human rights	Basic	*	*	*	*	*	*	*	*	*	*	*	
	EWG1104	Geography of Australia	Basic	*	*	*	*	*	*	*	*	*	*	*	
	EWG2101	Raising foundations	Basic	*	*	*	*	*	*	*	*	*	*	*	
	EWG2102	psychology	Basic	*	*	*	*	*	*	*	*	*	*	*	
	EWG2103	History of ancient Iraq	Basic	*	*	*	*	*	*	*	*	*	*	*	
	EWG2104	Computer science	Basic	*	*	*	*	*	*	*	*	*	*	*	
	EWG3101	Geomorphological processes	Basic	*	*	*	*	*	*	*	*	*	*	*	
	EWG3102	Geography of Africa	Basic	*	*	*	*	*	*	*	*	*	*	*	
	EWG3103	climatology	Basic	*	*	*	*	*	*	*	*	*	*	*	
	EWG3104	Weather geography	Basic	*	*	*	*	*	*	*	*	*	*	*	
	EWG3105	Theoretical maps 1- Convenient	Basic	*	*	*	*	*	*	*	*	*	*	*	
	EWG3106	maps 2													
EWG3107	Its effect	Basic	*	*	*	*	*	*	*	*	*	*	*		
EWG1108	Specific geography	Basic	*	*	*	*	*	*	*	*	*	*	*		

<b>The second phase</b>	<b>EWG2201</b>	Islamic history	Basic	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG2202</b>	Developmental psychology	Basic	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG2203</b>	educational administration.	Basic	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG2204</b>	Climatic regions.	Basic	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3201</b>	climatology	Basic	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3202</b>	Geography of Europe	Basic	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3203</b>	Geography of Asia	Basic	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3204</b>	Basics of science	Basic	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3205</b>	Earth shapes	Basic	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3206</b>	Landforms operations	Basic	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3207</b>	Population geography	Basic	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3208</b>	Geography of water resources	Basic	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3209</b>	Environmental geography	Basic	*	*	*	*	*	*	*	*	*	*	*	*
<b>EWG3210</b>	Remote Sensing	Basic	*	*	*	*	*	*	*	*	*	*	*	*	
<b>EWG3211</b>	Baath crimes	Basic	*	*	*	*	*	*	*	*	*	*	*	*	
<b>third level</b>	<b>EWG2301</b>	The history of the modern and contemporary Arab world	Basic	*	*	*	*	*	*	*	*	*	*	*	
	<b>EWG2302</b>	<b>Geographic statistics</b>	Basic	*	*	*	*	*	*	*	*	*	*	*	
	<b>EWG2303</b>	<b>Curricula and teaching methods</b>	Basic	*	*	*	*	*	*	*	*	*	*	*	
	<b>EWG2304</b>	<b>Educational guidance</b>	Basic	*	*	*	*	*	*	*	*	*	*	*	
	<b>EWG3301</b>	<b>Agricultural geography</b>	Basic	*	*	*	*	*	*	*	*	*	*	*	
	<b>EWG3302</b>	Industrial geography	Basic	*	*	*	*	*	*	*	*	*	*	*	
	<b>EWG3303</b>	Geography of cities	Basic	*	*	*	*	*	*	*	*	*	*	*	
<b>EWG3304</b>	Rural geography	Basic	*	*	*	*	*	*	*	*	*	*	*		

	<b>EWG3305</b>	<b>Industrial geography</b> <b>Geography of cities</b> <b>Rural geography</b>	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3306</b>	Field morphology	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3307</b>	North America 1	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3308</b>	South America 2	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3309</b>	Regional planning	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3310</b>	Geography of services	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3311</b>	Geography of environmental disasters	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>The fourth stage</b>	<b>EWG2401</b>	Measurement and evaluation	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG2402</b>	Applications (educational)	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG2403</b>	watching	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG2404</b>	Graduation research	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3401</b>	Natural Geography of the Arab World 1	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3402</b>	Human Geography of the Arab World 2	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3403</b>	Transportation geography	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3404</b>	Geography of Iraq	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3405</b>	Geopolitics	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3406</b>	Systems applications -1	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3407</b>	Geographic thought	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3408</b>	Geographic Information Systems -2	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*
	<b>EWG3409</b>	Development geography	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>EWG3410</b>	Geography of seas and oceans	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*	
<b>EWG3411</b>	City territory	Basic	*	*	*	*	*	*	*	*	*	*	*	*	*	

- **Please tick the boxes corresponding to the individual program learning outcomes under evaluation.**

## Course Description

1- Course Name:					
Biogeography					
2- Course Code:					
First stage					
3- Semester / Year:					
second semester					
4- Date this description was prepared:					
2024					
5- Available attendance forms:					
daily					
6- Number of study hours (total)\number of units (total):					
2 units in week					
7- Name of the official judge (if more than one name is prohibited)					
Foundations of biogeography / Dr. Zein Al-Din Abdel Maqsoud Biogeography and soil/Dr. Hassan Youssef Abu Sammour					
8- Course objectives:					
Objectives of the study subject:		<ul style="list-style-type: none"> <li>• Acquiring knowledge/increasing educational abilities and skills</li> </ul>			
9. Teaching and learning strategies					
The strategy		The concept of biogeography, its importance, goals, relations with other sciences, and the field of its applications			
10- Course structure					
Week	Hours	Required	Name of the unit or	Learning	Evaluation



		<b>learning outcomes</b>	<b>topic</b>	<b>method</b>	<b>method</b>
1	2	knowledge	Biogeographic concept	explain	good
2	2	knowledge	Evolution of biogeography	explain	good
3	2	knowledge	Biogeographical objectives	explain	good
4	2	knowledge	The importance of biogeography and its functions	explain	good
5	2	knowledge	Branches of biogeography	explain	good
6	2	knowledge	The relationship of biogeography to other fields	explain	good
7	2	knowledge	Modern applications in biogeography	explain	good
8	2	knowledge	The relationship of biogeography to physical geography	explain	good
9	2	knowledge	The biosphere and its importance	explain	good
10	2	knowledge	Life in the seas and oceans	explain	good
11	2	knowledge	Vital soil components	explain	good
12	2	knowledge	Soil water	explain	good
13	2	knowledge	Soil texture	explain	good
14	2	knowledge	Soil maintenance	explain	good
15	2	knowledge	Temperate or tropical regions	explain	good

## Course Description

1- Course Name:					
Thematic Maps					
2- Course Code:					
Second stage					
3- Semester / Year:					
2024 First					
4- Date this description was prepared:					
2024					
5- Available attendance forms:					
Daily					
6- Number of study hours (total)\number of units (total):					
2					
7- Name of the official judge (if more than one name is prohibited)					
Wafaa kamil faysal					
8- Course objectives:					
Objectives of the study subject:		<ul style="list-style-type: none"> <li>• To achieve these objectives, the student learns the concepts related to thematic maps: They become familiar with the concept of thematic maps and their importance in analyzing and visually representing geographic data. They.</li> </ul>			
9. Teaching and learning strategies					
The strategy					
10- Course structure					
Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	3	almaerifa	Classification of maps and their types	Almuhadarat	
2	3	almaerifa	Concept of thematic maps and their content:	Almuhadarat	
3	3	almaerifa	Definition of thematic map and its classification:		
4	3	almaerifa	Steps for presenting general	Almuhadarat	

			content and methods for presenting specific content		
5	3	almaerifa	Methods for displaying phenomena on thematic maps:		
6	3	almaerifa	Types of non-quantitative thematic maps	Almuhadarat	
7	3	almaerifa	Methods for creating non-quantitative thematic maps		
8	3	almaerifa	Types of quantitative thematic maps:	Almuhadarat	
9	3	almaerifa	Methods for creating isoline maps:		
10	3	almaerifa	Graphical maps	Almuhadarat	
11	3	almaerifa	Types of quantitative thematic maps		
12	3	almaerifa	Choropleth maps are thematic map	Almuhadarat	
13	3	almaerifa	Isoline maps		
14	3	almaerifa	Creating isoline maps involves collecting data points	Almuhadarat	
15	3	almaerifa	Graphic maps refer to maps that use relative symbols or linear		

## Course Description

1- Course Name:					
Australia					
2- Course Code:					
First					
3- Semester / Year:					
2024 First					
4- Date this description was prepared:					
2024					
5- Available attendance forms:					
daily					
6- Number of study hours (total)\number of units (total):					
2					
7- Name of the official judge (if more than one name is prohibited)					
Wafaa kamil faysal					
8- Course objectives:					
Objectives of the study subject:		<ul style="list-style-type: none"> <li>• Development of knowledge and understanding among students, learning information about Australia as a country and a continent, with a focus on the ecosystem, terrain, climate, culture, economy, and more. (</li> </ul>			
9. Teaching and learning strategies					
The strategy		Using educational resources such as books, videos, images, and websites to enhance the delivery of information through various methods and meet the diverse needs of students			
10- Course structure					
Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	2	almaerifa	Name and location	Almuhadarat	
2	2	almaerifa	General characteristics	Almuhadarat	
3	2	almaerifa	Geological structure and terrain		

4	2	almaerifa	Climate and climatic regions	Almuhadarat	
5	2	almaerifa	Soil		
6	2	almaerifa	Water resources	Almuhadarat	
7	2	almaerifa	Population		
8	2	almaerifa	Political development towards indigenous populations	Almuhadarat	
9	2	almaerifa	Population growth		
10	2	almaerifa	Economic activity	Almuhadarat	
11	2	almaerifa	Flora and fauna in Australia		
12	2	almaerifa	Mining activity	Almuhadarat	
13	2	almaerifa	Natural gas		
14	2	almaerifa	Roads, transportation, and trade	Almuhadarat	
15	2	almaerifa			

## Course Description

1- Course Name:	
Remote sensing	
2- Course Code:	
3- Semester / Year:	
Second Semester -2023-2024	
4- Date this description was prepared:	
5- Available attendance forms:	
6- Number of study hours (total)\number of units (total):	
Total number of hours -42 Total number of units 84	
7- Name of the official judge (if more than one name is prohibited)	
Experienced Dr. Mashal Mahmood Fayyadh	
8- Course objectives:	
Objectives of the study subject:	<ul style="list-style-type: none"> <li>• Introducing students to space data and its importance in geographical studies, and how to obtain it and then apply it using modern software, including GIS and RS</li> </ul>
9. Teaching and learning strategies	
The strategy	<p>What is remote sensing data and what are the methods used to obtain it? The types of satellites used to obtain data. Hence its applications in obtaining information using modern software</p>

<b>10- Course structure</b>					
<b>Week</b>	<b>Hours</b>	<b>Required learning outcomes</b>	<b>Name of the unit or topic</b>	<b>Learning method</b>	<b>Evaluation method</b>
1	3		Definition of remote sensing and the stages of its development	Discussion and application	Question, answer and test
2	3		Foundations of remote sensing - elements of remote sensing	Discussion and application	Question, answer and test
3	3		Interaction of energy with aspects of the Earth's surface	Discussion and application	Question, answer and test
4	3		Basic features of remote sensing data	Discussion and application	Question, answer and test
5	3		Types of satellites	Discussion and application	Question, answer and test
6	3		Types of satellites	Discussion and application	Question, answer and test
7	3		First month exam	Discussion and application	Question, answer and test
8	3		Elements of space science technology	Discussion and application	Question, answer and test
9	3		Geographic information systems (GIS).	Discussion and application	Question, answer and test
10	3		GPS positioning system	Discussion and application	Question, answer and test
11	3		Communication systems	Discussion and application	Question, answer and test
12	3		Applications of remote sensing data in the field of geology	Discussion and application	Question, answer and test
13	3		Second month exam	Discussion and application	Question, answer and test
14	3		Applications of remote sensing data in the field of agriculture and vegetation	Discussion and application	Question, answer and test



## Course Description

<b>1- Course Name:</b>	
The history of Iraq and the ancient Arab world	
<b>2- Course Code:</b>	
EWG2103	
<b>3- Semester / Year:</b>	
Second Semester /2024	
<b>4- Date this description was prepared:</b>	
1/ 4 /2024	
<b>5- Available attendance forms:</b>	
Direct attendance in classrooms.	
<b>6- Number of study hours (total)\number of units (total):</b>	
(30 hours / 30 units)	
<b>7- Name of the official judge (if more than one name is prohibited)</b>	
Name: A. M. Dr.. Majeed Jassim Mohammed    Email : <a href="mailto:dr.majeedjas@uoanbar.edu.iq">dr.majeedjas@uoanbar.edu.iq</a>	
<b>8- Course objectives:</b>	
Objectives of the study subject:	<ul style="list-style-type: none"> <li>• The student will be familiar with the study of ancient history and its impact on the reality of societies in the modern and contemporary period.</li> <li>• For the student to recognize the characteristics that distinguished ancient history in that era.</li> <li>• The student should study the features of ancient history.</li> <li>• Explaining the importance of studying ancient history because of its role in knowing the ancient past of this nation and predicting its future.</li> <li>• That the student will be able to know the current problems that Iraqi and Arab societies are going through and ways to address them by going back to similar events in ancient history and how they were addressed at that time.</li> <li>• For the student to become familiar with the research methodology and technical methods used.</li> </ul>
<b>9. Teaching and learning strategies</b>	
The strategy	The purpose of studying ancient history is to explain the role of the ancient history of Iraq and the ancient Arab world in knowing the ancient past of this nation and predicting its future by talking about the sources through which the history of Iraq and the ancient Arab world can be known before arriving at archaeological excavations and knowing the cultural achievements that Iraq has presented to the world. The influence of Iraq on the countries and peoples of the ancient Near East at various levels; It also understands the most important reasons that led to ancient Iraq going through periods of weakness and disintegration due to the invasions it went through, and compares this matter with the foreign invasions that Iraq was exposed to in the modern era, while examining effective solutions to avoid past mistakes during the modern and contemporary era
<b>10- Course structure</b>	

<b>Week</b>	<b>Hours</b>	<b>Required learning outcomes</b>	<b>Name of the unit or topic</b>	<b>Learning method</b>	<b>Evaluation method</b>
the first	2		Key information in studying the history of ancient Iraq.	Discussion with students	Question and Answer
the second	2		Sources of ancient Iraqi history	Discussion with students	Question and Answer
the third	2		prehistoric age	Discussion with students	Question and Answer
the fourth	2		Historical eras	Discussion with students	Question and Answer
Fifth	2		The most prominent geographical characteristics and their impact on the course of Mesopotamian civilization	Editorial	Question and Answer
VI	2		First month exam	Editorial	Question and Answer
Seventh	2		Dynasties	Discussion with students	Question and Answer
VIII	2		Acadians The most prominent caliphs of the Acadians state	Discussion with students	Question and Answer
Ninth	2		The ancient Babylonian era	Discussion with students	Question and Answer
The tenth	2		The most prominent ruling dynasties during the ancient Babylonian era	Discussion with students	Question and Answer
eleventh	2		First Dynasty of Babylon	Discussion with students	Question and Answer
twelveth	2		Assyrian era	Discussion with students	Question and Answer
Thirteenth	2		Neo-Babylonian era	Discussion with students	Question and Answer
fourteenth	2		Second monthly exam	Editorial	Question and Answer

## Course Description

1- Course Name:	
<b>Human Rights</b>	
2- Course Code:	
<b>EWG1103</b>	
3- Semester / Year:	
Second Semester /2024	
4- Date this description was prepared:	
10/1/2023	
5- Available attendance forms:	
Direct attendance in classrooms.	
6- Number of study hours (total)\number of units (total):	
(30 hours / 30 units)	
7- Name of the official judge (if more than one name is prohibited)	
Name: A. M. Dr.. Majeed Jassim Mohammed    Email : <a href="mailto:dr.majeedjas@uoanbar.edu.iq">dr.majeedjas@uoanbar.edu.iq</a>	
8- Course objectives:	
Objectives of the study subject:	<ul style="list-style-type: none"> <li>• That the student understands the concept of human rights and methods of researching them.</li> <li>• That the student is familiar with the most prominent human rights data.</li> <li>• Explaining the importance of citizens enjoying their rights in any civilized society because of its role in enriching the progress and prosperity of societies.</li> <li>• That the student becomes familiar with the research methodology and technical methods used.</li> </ul>
9. Teaching and learning strategies	
The strategy	<ol style="list-style-type: none"> <li>1- The ability to search for information from sources related to the academic subject.</li> <li>2- The ability to confront the problems facing society.</li> <li>3 - Understanding the methods through which these problems can be addressed by emphasizing the importance of citizens enjoying their rights in the societies in which they live.</li> </ol>
10- Course structure	

<b>Week</b>	<b>Hours</b>	<b>Required learning outcomes</b>	<b>Name of the unit or topic</b>	<b>Learning method</b>	<b>Evaluation method</b>
the first	2		Human rights: their definition	Discussion with students	Question and Answer
the second	2		Characteristics of human rights	Discussion with students	Question and Answer
the third	2		Types of human rights	Discussion with students	Question and Answer
the fourth	2		Historical development of human rights	Discussion with students	Question and Answer
Fifth	2		Human rights in the modern era	Editorial	Question and Answer
VI	2		First monthly exam	Editorial	Question and Answer
Seventh	2		United Nations and human rights	Discussion with students	Question and Answer
VIII	2		Universal Declaration of Human Rights	Discussion with students	Question and Answer
Ninth	2		Regional human rights conventions and organizations	Discussion with students	Question and Answer
The tenth	2		Non-governmental organizations and their role in defending human rights	Discussion with students	Question and Answer
eleventh	2		Document of the Declaration of Human Rights in Islam	Discussion with students	Question and Answer
twelve th	2		Arab Charter on Human Rights	Discussion with students	Question and Answer
Thirteenth	2		French Declaration of Human Rights document	Discussion with students	Question and Answer
fourteenth	2		Second monthly exam	Editorial	Question and Answer

## Course Description

1- Course Name: Geomorphological processes

2- Course Code:

3- Semester / Year: first 2024

4- Date this description was prepared:

5- Available attendance forms:

6- Number of study hours (total)\number of units (total):

7- Name of the official judge (if more than one name is prohibited)

8- Course objectives:

Objectives of the study subject:

•

9. Teaching and learning strategies

The strategy

10- Course structure

Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	3		External forces		
2	3		Weathering factors		
3	3		Physical Weathering		
4	3		Chemical Weathering		
5	3		The effects of weather on shaping the Earth's surface		
6	3		Stripping		
7	3		Corrosion Stripping		
8	3		Wind erosion		
9	3		Monthly exam		

10	3		Refrigeration erosion		
11	3		disasters		
12	3		Earth quakes		
13	3		Volcanoes		
14	3		Second month exam		

## Course Description

1- Course Name:					
Dry regions					
2- Course Code:					
first stage					
3- Semester / Year:					
second semester					
4- Date this description was prepared:					
2024					
5- Available attendance forms:					
Daily					
6- Number of study hours (total)\number of units (total):					
2 units in week					
7- Name of the official judge (if more than one name is prohibited)					
<b>Dr. Buthaina Rahim Shokat</b>					
8- Course objectives:					
Objectives of the study subject:		Acquiring knowledge \ increasing educational and skills			
9. Teaching and learning strategies					
The strategy		Identify the dry areas of the world			
10- Course structure					
Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	2		Ecosystem in dry regions	Deliverance -	Written tests



				discussion	
2	2		The concept of desert and its types	Deliverance - discussion	Written tests
3	2		The concept of desert	Deliverance - discussion	Written tests
4	2		The concept of dry regions in the world	Deliverance - discussion	Written tests
5	2		Climatological definitions of drought	Deliverance - discussion	Written tests
6	2		Methods for identifying dry areas	Deliverance - discussion	Written tests
7	2		Causes of dehydration	Deliverance - discussion	Written tests
8	2		First month exam	Deliverance - discussion	Written tests
9	2		Water resources in dry regions	Deliverance - discussion	Written tests
10	2		Geographical distribution of dry regions	Deliverance - discussion	Written tests
11	2		Dry regions in the Arab world	Deliverance - discussion	Written tests
12	2		Geomorphic features in dry regions	Deliverance - discussion	Written tests
13	2		Components of the desert environment	Deliverance - discussion	Written tests
14	2		Problems and obstacles in the desert environment	Deliverance - discussion	Written tests
15	2		The exam is the second month	Deliverance - discussion	Written tests

## Course Description

1- Course Name: climatology					
2- Course Code: geography					
3- Semester / Year:2024					
4- Date this description was prepared:101 G					
5- Available attendance forms:HALL SYSTEM					
6- Number of study hours (total)\number of units (total):4UNITS / 120HOURS TOTAL					
7- Name of the official judge (if more than one name is prohibited) 17/9/2023					
8- Course objectives:					
Objectives of the study subject:		<ul style="list-style-type: none"> <li>• Introducing students to climate ,its</li> </ul>			
9. Teaching and learning strategies					
The strategy		Students knowledge of climate skills and how to measure its elements and factors affecting them.			
10–Course structure Dr.Adel saeed a AL–Rawi ,Appliedclimate					
Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	2	Climatology concept	According to the decision	Theoretical and practical	daily
2	2		According to the decision	Theoretical and practical	daily
3	2	The origins and development of climatology	According to the decision	Theoretical and practical	daily
4	2	Wind is understood and its importance	According to the decision	Theoretical and practical	Monthly test
5	2	Wind measuring devices	According to the decision	Theoretical and practical	daily
6	2	Wind measuring	According to the decision	Theoretical and practical	daily

		devices			
7	2	Wind measuring devices	According to the decision	Theoretical and practical	daily
8	2	Wind measuring devices Wind measuring devices	According to the decision	Theoretical and practical	daily
9	2	Characteristics of air masses and their distribution	According to the decision	Theoretical and practical	daily
10	2	Air masses affecting the climate of Iraq	According to the decision	Theoretical and practical	daily
11	2	Fronts	According to the decision	Theoretical and practical	daily
12	2	Weather drops	According to the decision	Theoretical and practical	
13	2	Anticyclone	According to the decision	Theoretical and practical	daily
14	2	Tornadoes	According to the decision	Theoretical and practical	Daily
15	2		According to the decision	Theoretical and practical	daily

## Course Description

1- Course Name: Weatherology					
2- Course Code: geography					
3- Semester / Year:2023					
4- Date this description was prepared:102 G					
5- Available attendance forms:HALL SYSTEM					
6- Number of study hours (total)\number of units (total):4UNITS / 120HOURS TOTAL					
7- Name of the official judge (if more than one name is prohibited) 17/9/2023					
8- Course objectives:					
Objectives of the study subject:		<ul style="list-style-type: none"> <li>• Introducing students to weather ology ,its</li> </ul>			
9. Teaching and learning strategies					
The strategy		Students knowledge of weather ology skills and how to measure its elements and factors affecting them.			
10–Course structure Dr.Adel saeed a AL–Rawi ,weatherology					
Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	3	Weather science	According to the decision	Theoretical and practical	daily
2	3	The development of weather science	According to the decision	Theoretical and practical	daily
3	3	The difference between weather, climate and meteorology	According to the decision	Theoretical and practical	daily
4	3	The atmosphere and its importance	According to the decision	Theoretical and practical	Monthly test
5	3	Atmospheric components	According to the decision	Theoretical and practical	daily
6	3	Layers of the atmosphere	According to the decision	Theoretical and practical	daily
7	3	Climatic characteristics of the layers	According to the decision	Theoretical and practical	daily

8	3	Types of solar radiation	According to the decision	Theoretical and practical	daily
9	3	Radiation measuring device	According to the decision	Theoretical and practical	daily
10	3	Factors affecting radiation	According to the decision	Theoretical and practical	daily
11	3	Heat is understood by its systems	According to the decision	Theoretical and practical	daily
12	3	Factors affecting temperature	According to the decision	Theoretical and practical	
13	3	Temperature measuring devices	According to the decision	Theoretical and practical	daily
14	3	Atmospheric pressure	According to the decision	Theoretical and practical	Daily
15	3	Pressure measuring devices and influencing factors	According to the decision	Theoretical and practical	daily

## Course Description

1- Course Name:					
Maps					
2- Course Code:					
First					
3- Semester / Year:					
2024 First					
4- Date this description was prepared:					
2024					
5- Available attendance forms:					
daily					
6- Number of study hours (total)\number of units (total):					
2					
7- Name of the official judge (if more than one name is prohibited)					
Wafaa kamil faysal					
8- Course objectives:					
Objectives of the study subject:		<ul style="list-style-type: none"> <li>Students' acquaintance with the history of cartography, types of maps, components and basics of maps, map scales and their types, and simplified mathematical operations to calculate scale changes, transformations, and finding a suitable drawing scale for unknown maps. Determining an appropriate drawing scale for a map, calculating distances and dimensions on maps, measuring areas, zooming in and out of maps, and studying types of projections.</li> </ul>			
9. Teaching and learning strategies					
The strategy					
10- Course structure					
Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	3	almaerifa	The concept and definition of maps	Almuhadarat	
2	3	almaerifa	- The historical evolution of cartography	Almuhadarat	
3	3	almaerifa	- Types of maps and their classifications		
4	3	almaerifa	- Map design	Almuhadarat	

5	3	almaerifa	- Elements of a map		
6	3	almaerifa	- Map scale and its types	Almuhadarat	
7	3	almaerifa	- Practical applications		
8	3	almaerifa	- Measuring distances from maps	Almuhadarat	
9	3	almaerifa	- Practical applications		
10	3	almaerifa	Measuring areas from maps	Almuhadarat	
11	3	almaerifa	- Practical applications		
12	3	almaerifa	- Zooming in and out of maps	Almuhadarat	
13	3	almaerifa	- Practical applications		
14	3	almaerifa	- Reading a map and its directions	Almuhadarat	
15	3	almaerifa	- Summarizing maps		

## Course Description

1- Course Name:					
Geographic Technologies					
2- Course Code:					
Second stage					
3- Semester / Year:					
2024 Second					
4- Date this description was prepared:					
2024					
5- Available attendance forms:					
daily					
6- Number of study hours (total)\number of units (total):					
2					
7- Name of the official judge (if more than one name is prohibited)					
Wafaa kamil faysal					
8- Course objectives:					
Objectives of the study subject:		<ul style="list-style-type: none"> <li>• Empowering the student to understand the concept of modern technologies, their beginnings, stages of development, and fields of application.</li> <li>• Familiarizing the student with the objectives of studying remote sensing, geographi information systems (GIS), and GPS technology.</li> <li>• Highlighting the importance of remote sensing.</li> <li>• Enabling the student to locate their position using GPS.</li> </ul>			
9. Teaching and learning strategies					
The strategy		Active learning and encouraging students to actively participate in the learning process through the use of interactive activities alongside textbooks, conducting research, reports, and practical projects, and utilizing technology to enhance the learning process and enhance students' understanding of modern geographic technologies.			
10- Course structure					
Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	2	almaerifa	Geographic Information System (GIS) technology	Almuhadarat	



2	2	almaerifa	Components of Geographic Information Systems	Almuhadarat	
3	2	almaerifa	Benefits of Geographic Information Systems		
4	2	almaerifa	Types of Geographic Information Systems	Almuhadarat	
5	2	almaerifa	Applications of Geographic Information Systems		
6	2	almaerifa	Concept of remote sensing and its definitions	Almuhadarat	
7	2	almaerifa	Key elements of remote sensing technology		
8	2	almaerifa	Remote sensing devices (sensors)	Almuhadarat	
9	2	almaerifa	Steps of remote sensing		
10	2	almaerifa	Components of remote sensing	Almuhadarat	
11	2	almaerifa	Second-month exam + applications of remote sensing		
12	2	almaerifa	Global Positioning System (GPS) technology	Almuhadarat	
13	2	almaerifa	History of the development of this system		
14	2	almaerifa	Components of the Global Positioning System	Almuhadarat	
15	2	almaerifa			

## Course Description

1- Course Name: Europe	
2- Course Code:	
3- Semester / Year: the second 2023-2024	
4- Date this description was prepared: 1/4/2024	
5- Available attendance forms: Presence	
6- Number of study hours (total)\number of units (total): 4	
7- Name of the official judge (if more than one name is prohibited) D. Widad Hammad Mikhlif	
8- Course objectives:	
Objectives of the study subject:	<ul style="list-style-type: none"> <li>That the student knows the concepts of regional geography</li> <li>Raising students' academic and historical levels</li> <li>Explaining the extent of the impact of teaching programs on students' mental and educational development</li> <li>Developing ways to address obstacles to developing the educational process</li> </ul>
9. Teaching and learning strategies	
The strategy	<p>1- Cognitive objectives</p> <ul style="list-style-type: none"> <li>- Developing students' scientific knowledge</li> <li>- Preparing a successful and efficient teacher</li> <li>- Clarifying everything related to the core of the topic</li> </ul> <p>2- Skills objectives</p> <ul style="list-style-type: none"> <li>- Preparing a workshop inside the hall</li> <li>- Preparing a summary of the topic that includes the most important conclusions</li> </ul> <p>Teaching and learning methods</p> <ul style="list-style-type: none"> <li>- Presentation and discussion</li> </ul>
10- Course structure	

<b>Week</b>	<b>Hours</b>	<b>Required learning outcomes</b>	<b>Name of the unit or topic</b>	<b>Learning method</b>	<b>Evaluation method</b>
1	4	Develop student knowledge	The concept of regional geography	Discussion and analysis	The extent of the student's participation in the discussion
2	4	Empowering the student	Features of the nature and geography of Europe	Discussion and analysis	Opening the door for discussion among students
3	4	Developing student skills	Topography of Europe	Discussion and analysis	Involve the student by explaining the material on the board
4	4	Develop student knowledge	Climate of Europe	Discussion and analysis	Active student participation in discussions about the Europe continent
5	4	Empowering the student	First month exam	Discussion and analysis	Daily exam
6	4	Developing student skills	Residents of Europe	Discussion and analysis	Evaluating the extent of students' response to studying the Europe continent
7	4	Develop student knowledge	Economy of European countries	Discussion and analysis	The extent of the student's participation in the discussion
8	4	Empowering the student	Eastern provinces	Discussion and analysis	Opening the door for discussion among students
9	4	Developing student skills	Southern provinces	Discussion and analysis	Evaluating the integrity of the information that students obtained from the information network
10	4	Develop student knowledge	Western provinces	Discussion and analysis	Active student participation in discussions about Europe history
11	4	Empowering the student	Western provinces	Discussion and analysis	The extent of the student's participation in the discussion
12	4	Developing student skills	Northern regions	Discussion and analysis	Opening the door for discussion among students
13	4	Develop student knowledge	Monthly exam	Discussion and analysis	Involve the student by explaining the material on the board
14	4	Empowering the student	Review the article	Discussion and analysis	Active student participation in discussions about the Asian continent

## Course Description

1- Course Name: Europe	
2- Course Code:	
3- Semester / Year: the second2023-2024	
4- Date this description was prepared:1/4/2024	
5- Available attendance forms: Presence	
6- Number of study hours (total)\number of units (total): 4	
7- Name of the official judge (if more than one name is prohibited) D. Widad Hammad Mikhlif	
8- Course objectives:	
Objectives of the study subject:	<ul style="list-style-type: none"> <li>• That the student knows the concepts of regional geography</li> <li>• Raising students' academic and historical levels</li> <li>• Explaining the extent of the impact of teaching programs on students' mental and educational development</li> <li>• Developing ways to address obstacles to developing the educational process</li> </ul>
9. Teaching and learning strategies	
The strategy	<p>1- Cognitive objectives</p> <ul style="list-style-type: none"> <li>- Developing students' scientific knowledge</li> <li>-Preparing a successful and efficient teacher</li> <li>- Clarifying everything related to the core of the topic</li> </ul> <p>2- Skills objectives</p> <ul style="list-style-type: none"> <li>- Preparing a workshop inside the hall</li> <li>-Preparing a summary of the topic that includes the most important conclusions</li> </ul> <p>Teaching and learning methods</p> <ul style="list-style-type: none"> <li>- Presentation and discussion</li> </ul>
10- Course structure	

<b>Week</b>	<b>Hours</b>	<b>Required learning outcomes</b>	<b>Name of the unit or topic</b>	<b>Learning method</b>	<b>Evaluation method</b>
1	4	Develop student knowledge	The concept of regional geography	Discussion and analysis	The extent of the student's participation in the discussion
2	4	Empowering the student	Features of the nature and geography of Europe	Discussion and analysis	Opening the door for discussion among students
3	4	Developing student skills	Topography of Europe	Discussion and analysis	Involve the student by explaining the material on the board
4	4	Develop student knowledge	Climate of Europe	Discussion and analysis	Active student participation in discussions about the Europe continent
5	4	Empowering the student	First month exam	Discussion and analysis	Daily exam
6	4	Developing student skills	Residents of Europe	Discussion and analysis	Evaluating the extent of students' response to studying the Europe continent
7	4	Develop student knowledge	Economy of European countries	Discussion and analysis	The extent of the student's participation in the discussion
8	4	Empowering the student	Eastern provinces	Discussion and analysis	Opening the door for discussion among students
9	4	Developing student skills	Southern provinces	Discussion and analysis	Evaluating the integrity of the information that students obtained from the information network
10	4	Develop student knowledge	Western provinces	Discussion and analysis	Active student participation in discussions about Europe history
11	4	Empowering the student	Western provinces	Discussion and analysis	The extent of the student's participation in the discussion
12	4	Developing student skills	Northern regions	Discussion and analysis	Opening the door for discussion among students
13	4	Develop student knowledge	Monthly exam	Discussion and analysis	Involve the student by explaining the material on the board
14	4	Empowering the student	Review the article	Discussion and analysis	Active student participation in discussions about the Asian continent

## Course Description

1- Course Name:					
Geography of energy and oil					
2- Course Code:					
٢٠٢٤-٢٠٢٣					
3- Semester / Year:					
2023-2024 second semester					
4- Date this description was prepared:					
٢٠٢٤ /٤/١					
5- Available attendance forms:					
Daily attendance					
6- Number of study hours (total)\number of units (total):					
4 hours/week"					
7- Name of the official judge (if more than one name is prohibited)					
DR: Noor Aoda					
8- Course objectives:					
Objectives of the study subject:		<ul style="list-style-type: none"> <li>• 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.</li> <li>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.</li> <li>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.</li> <li>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.</li> </ul>			
9. Teaching and learning strategies					
The strategy					
10- Course structure					
Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
the first	2	Knowledge	Energy, its concept and characteristics	Presentation and discussion	Written tests
the second	2	Knowledge	Conventional energy sources	Presentation and discussion	Written tests
the third	2	Knowledge	Coal	Presentation and discussion	Written tests
the fourth	2	Knowledge	Oil	Presentation and discussion	Written tests
Fifth	2	Knowledge	Natural gas	Presentation and discussion	Written tests
VI	2	Knowledge	Renewable energy sources	Presentation and discussion	Written tests
Seventh	2	Knowledge	solar energy	Presentation and discussion	Written tests

VIII	2	Knowledge	Wind Energy	Presentation and discussion	Written tests
Ninth	2	Knowledge	Hydropower	Presentation and discussion	Written tests
The tenth	2	Knowledge	Lightning energy	Presentation and discussion	Written tests
eleventh	2	Knowledge	Nuclear Energy	Presentation and discussion	Written tests
the first	2	Knowledge	Hydrogen energy	Presentation and discussion	Written tests
the second	2	Knowledge	Energy production and consumption	Presentation and discussion	Written tests
the third	2	Knowledge	Problems resulting from energy use	Presentation and discussion	Written tests

## Course Description

1- Course Name:					
Remote sensing					
2- Course Code:					
3- Semester / Year:					
Second Semester -2023-2024					
4- Date this description was prepared:					
5- Available attendance forms:					
6- Number of study hours (total)\number of units (total):					
Total number of hours -42 Total number of units 84					
7- Name of the official judge (if more than one name is prohibited)					
Experienced Dr. Mashal Mahmood Fayyadh					
8- Course objectives:					
Objectives of the study subject:		<ul style="list-style-type: none"> <li>• Introducing students to space data and its importance in geographical studies, and how to obtain it and then apply it using modern software, including GIS and RS</li> </ul>			
9. Teaching and learning strategies					
The strategy		What is remote sensing data and what are the methods used to obtain it? The types of satellites used to obtain data. Hence its applications in obtaining information using modern software			
<b>10- Course structure</b>					
Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	3		Definition of remote sensing and the stages of its development	Discussion and application	Question, answer and test
2	3		Foundations of remote sensing - elements of remote sensing	Discussion and application	Question, answer and test
3	3		Interaction of energy with aspects of the Earth's surface	Discussion and application	Question, answer and test
4	3		Basic features of remote sensing data	Discussion and application	Question, answer and test



5	3		Types of satellites	Discussion and application	Question, answer and test
6	3		Types of satellites	Discussion and application	Question, answer and test
7	3		First month exam	Discussion and application	Question, answer and test
8	3		Elements of space science technology	Discussion and application	Question, answer and test
9	3		Geographic information systems (GIS).	Discussion and application	Question, answer and test
10	3		GPS positioning system	Discussion and application	Question, answer and test
11	3		Communication systems	Discussion and application	Question, answer and test
12	3		Applications of remote sensing data in the field of geology	Discussion and application	Question, answer and test
13	3		Second month exam	Discussion and application	Question, answer and test
14	3		Applications of remote sensing data in the field of agriculture and vegetation	Discussion and application	Question, answer and test

## Course Description

1- Course Name:	
Islamic history	
2- Course Code:	
EWG2201	
3- Semester / Year:	
The first semester/2024	
4- Date this description was prepared:	
1/ 4 /2024	
5- Available attendance forms:	
Direct attendance in classrooms.	
6- Number of study hours (total)\number of units (total):	
(30 hours / 30 units)	
7- Name of the official judge (if more than one name is prohibited)	
Name: A. M. Dr.. Majeed Jassim Mohammed    Email : <a href="mailto:dr.majeedjas@uoanbar.edu.iq">dr.majeedjas@uoanbar.edu.iq</a>	
8- Course objectives:	
Objectives of the study subject:	<ul style="list-style-type: none"> <li>• That the student understands Islamic history and methods of researching it and becomes acquainted with the most prominent data of Islamic history.</li> <li>• For the student to become familiar with studies in Islamic history.</li> <li>• Explaining the importance of studying Islamic history because of its role in knowing the ancient past of this nation and predicting its future.</li> <li>• For the student to become familiar with the research methodology and technical methods used.</li> </ul>
9. Teaching and learning strategies	
The strategy	<p>-The purpose of studying Islamic history is to explain the role of Islamic history in knowing the ancient past of this nation and predicting its future by talking about the biography of the Noble Messenger and the biography of the Rightly Guided Caliphs in the era of the Rightly Guided Caliphate, as well as by talking about Islamic history in the era of the Umayyad state and after it in the era of the state. Abbasiya and knowing the causes of weakness and decadence that led to the weakness and collapse of Islamic rule and thus examining effective solutions to avoid past mistakes during the modern and contemporary era.</p> <p>- Historical and critical analysis.</p>
10- Course structure	

<b>Week</b>	<b>Hours</b>	<b>Required learning outcomes</b>	<b>Name of the unit or topic</b>	<b>Learning method</b>	<b>Evaluation method</b>
the first	2		A summary of the biography of the Prophet, may God bless him and grant him peace	Discussion with students	Question and Answer
the second	2		The Rashidun era	Discussion with students	Question and Answer
the third	2		Umayyad era	Discussion with students	Question and Answer
the fourth	2		The most famous caliphs of the Umayyad dynasty	Discussion with students	Question and Answer
Fifth	2		The most prominent historical events witnessed by the Umayyad era	Editorial	Question and Answer
VI	2		First monthly exam	Editorial	Question and Answer
Seventh	2		History of Andalusia	Discussion with students	Question and Answer
VIII	2		Conquest of Andalusia	Discussion with students	Question and Answer
Ninth	2		The most prominent caliphs of the Umayyad dynasty who ruled in Andalusia	Discussion with students	Question and Answer
The tenth	2		The history of Andalusia in the era of power	Discussion with students	Question and Answer
eleventh	2		The stage of decline during the reign of the Umayyad emirate	Discussion with students	Question and Answer
twelveth	2		Reasons for the fall of the Umayyad Caliphate in Andalusia	Discussion with students	Question and Answer
Thirteenth	2		The movement to eliminate Islam in Andalusia	Discussion with students	Question and Answer
fourteenth	2		Second monthly exam	Editorial	Question and Answer

## Course description

١- Course name .

Soil geography for the third stage

٢-Course code .

٣:Semester/Year :

second semester ٢٠٢٤

٤:Date this description was prepared .

٢٠٢٤ / ٤ / ١

٥:Available attendance forms .

٦-Number of study hours (total)\number of units (total)> .

"weekly Q (٤)

٧-Name of the course administrator (if more than one name is mentioned) .

D.athraa adnan abd al jaleel

٨-Course objectives

Introducing students to the importance of studying rural geography  
 Explain the importance of agriculture and the geographical factors affecting it  
 The role of agriculture and rural development

Objectives of the study subject

Explaining the importance of the countryside in comprehensive development

٩-Teaching and learning strategies .

The strategy

The strategy

1-Cognitive objectives

A- Identifying the department's objectives

B- Identify the importance of rural geography

T- Identifying the types of agriculture in the countryside

٢-The skills objectives of the course

A- Identifying the importance of the countryside and its types

B- Identify the importance of the countryside and its impact on the country's economy

8-Course structure .

Evaluation	Learning method	Name of the unit or	Required	hours	the week

method		topic	learning outcomes		
Written tests	Deliverance - discussion	Introduction to rural geography		٣	the first
Written tests	Deliverance - discussion	The relationship of rural geography to other sciences		٣	the second
Written tests	Deliverance - discussion	Rural civilizational development		٣	the third
Written tests	Deliverance - discussion	The impact of transportation on the countryside		٣	the fourth
Written tests	Deliverance - discussion	The development of agriculture in Mesopotamia		٣	Fifth
Written tests	Deliverance - discussion	Rural concept		٣	
Written tests	Deliverance - discussion	Irrigation means		٣	Seventh
Written tests	Deliverance - discussion	The impact of climate on agriculture		٣	eight
Written tests	Deliverance - discussion	The impact of population on rural agriculture		٣	Ninth
Written tests	Deliverance - discussion	Seasonal agriculture		٣	The tenth
Written tests	Deliverance - discussion	Methods of treating agricultural pests in the countryside		٣	eleventh
Written tests	Deliverance - discussion	The countryside and the factors affecting it		٣	twelveth
Written tests	Deliverance - discussion	Human factors		٣	Thirteenth
Written tests	Deliverance - discussion	Natural factors		٣	fourteenth

#### 8. Course evaluation

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

final exam	The project	Daily exams	Laboratory	Semester
60	30	10	-----	the second

#### A-Learning and teaching resources .

Mazen Abdel Rahman - Hamdi Ahmed Al-Deeb	Required textbooks (methodology, if any)
Omar Muhammad Ali Muhammad - Rural Geography, Helwan .University	Main references (sources)
Nothing	Recommended supporting books and references (scientific journals, reports...)
Nothing	Electronic references, websites

## Course Description

1- Course Name:natural resources

2- Course Code:

3- Semester / Year:2024

4- Date this description was prepared:

5- Available attendance forms:

6- Number of study hours (total)\number of units (total):

7- Name of the official judge (if more than one name is prohibited)

8- Course objectives:

Objectives of the study subject:

•

9. Teaching and learning strategies

The strategy

10- Course structure

Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	2		The concept of natural resources		
2	2		Classification		
3	2		Conservation of natural resources		
4	2		Natural plant		
5	2		Factors affecting the plant		
6	2		Livestock		
7	2		Livestock Classification		
8	2		Its types and distribution		
9	2		First month exam		
10	2		Fish wealth		
11	2		Mineral resources		
12	2		Metal concept		
13	2		energy resources		
14	2		Second month exam		

## Course Description

1- Course Name:Appliad climat					
2- Course Code: geography					
3- Semester / Year:chapter one 2023					
4- Date this description was prepared:hill system					
5- Available attendance forms:2024					
6- Number of study hours (total)\number of units (total):4units / 4 hour					
7- Name of the official judge (if more than one name is prohibited) 17/9/2023					
8- Course objectives:introducing students to applied climate					
Objectives of the study subject:		<ul style="list-style-type: none"> <li>• teaching female students the applied fields of applied</li> </ul>			
9. Teaching and learning strategies					
The strategy		Knowing the skills and abilities of female students in the applied field of climate science.			
10- Course structure					
Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	4	Applied climate concept	According to the course	Theoretical and practical	Daily and monthy testing
2	4	The development of climatology	According to the course	Theoretical and practical	
3	4	The development of climatology	According to the course	Theoretical and practical	Daily and monthly testing

4	4	Modern areas of study of applied climatology	According to the couse	Theoretical and practical	Daily and monthly testing
5	4	Topics of the study of applied applied climatology	According to the couse	Theoretical and practical	Daily and monthly testing
6	4	Climatological measuring devices	According to the couse	Theoretical and practical	Daily and monthly testing
7	4	Solar radiation devices	According to the couse	Theoretical and practical	Daily and monthly testing
8	4	Heat devices	According to the couse	Theoretical and practical	Daily and monthly testing
9	4	Pressure and wind devices	According to the couse	Theoretical and practical	Daily and monthly testing
10	4	Rain and humidity measuring devices	According to the couse	Theoretical and practical	Daily and monthly testing
11	4	Devices for measuring climate elements in the upper atmosphere	According to the couse	Theoretical and practical	Daily and monthly testing
12	4	Evapotranspiration and its types are understood	According to the couse	Theoretical and practical	Daily and monthly testing
13	4	Mathematical methods for calculating evapotranspiration	According to the couse	Theoretical and practical	Daily and monthly testing
14	4	Dehydration, its types and methods of measuring it	According to the couse	Theoretical and practical	Daily and monthly testing
15	4		According to the couse	Theoretical and practical	Daily and monthly testing



## Course Description

<b>1. Course Name:</b>		
Baath crimes		
<b>2. Course Code:</b>		
<b>3. Semester / Year:</b>		
The first semester/2024		
<b>4. Description Preparation Date:</b>		
Date of preparation of the description / 2/2024 AD		
The date of filling the file is 2/10/2024 AD		
<b>5. Available Attendance Forms:</b>		
Direct attendance in classrooms		
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>		
4 units		
<b>7. Course administrator's name (mention all, if more than one name)</b>		
Name: M. Dr. Saja Saadi Abboud		
Email: <b>Saja.Saadi.uoanbar.uoe.iq</b>		
<b>8. Course Objectives</b>		
<b>Course Objectives:</b>		
1- That the student learns about the conditions that prevailed in Iraq and that led to the establishment of the Baath Party		
2- For the student to become familiar with the situation in the country after the establishment of the defunct Baath Party.		
3- That the student recognizes the conflict that prevailed between the parties during that stage		
4- Empowering the student with the ability to conduct academic scientific research		
5- That the student understands the country's political situation after World War II		
<b>9. Teaching and Learning Strategies</b>		
<b>Strategy</b>	1-Giving the student a clear idea of the conditions that helped in the emergence of the defunct Baath Party 2- Developing students' creative thinking skills	
1. Course Structure: The crimes of the Baath regime in Iraq		
2. Course for the first semester		
<b>Week</b>	<b>Hours</b>	<b>Required Learning Outcomes</b>

2	<ul style="list-style-type: none"> <li>1-The concept of crimes and their types</li> <li>2- Definition of crime linguistically and terminologically</li> <li>3-Crime sections</li> <li>4-Types of international crimes</li> <li>5- Psychological and social crimes and their effects</li> <li>6- Psychological crimes</li> <li>7-Mechanisms of psychological crimes</li> <li>8- The effects of psychological crimes</li> <li>9- Militarization of society</li> <li>10- Pictures of human rights violations and crimes of power</li> <li>11- Environmental crimes of the Baath regime in Iraq</li> <li>12- Military and radioactive contamination and mine explosions</li> <li>13-Destroying cities and villages</li> <li>14-Drying the marshes</li> <li>15-Drazing palm groves, trees and crops</li> </ul>
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### 3. Course Evaluation

Distributing 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. Each course has 40 marks (15) for both months (first and second) and 25 for attendance.

### 4. Learning and Teaching Resources

**Required textbooks ( curricular books, if any) :** A course for all public and private universities/crimes of the Baath regime in Iraq

**Main references (source :** Nothing

**Recommended books and references (scientific journals, reports...):** Nothing

**Electronic references, websites.** Nothing

## Course Description

1- Course Name: Microclimatology					
2- Course Code: geography					
3- Semester / Year:chapter one 2024					
4- Date this description was prepared:hill system					
5- Available attendance forms:2024					
6- Number of study hours (total)\number of units (total)3units / 2 hour					
7- Name of the official judge (if more than one name is prohibited) 25/2/2024					
8- Course objectives:introducing students to applied climate					
Objectives of the study subject:		<ul style="list-style-type: none"> <li>• teaching female students the miacrocimat fields of applied</li> </ul>			
9. Teaching and learning strategies					
The strategy		Knowing the skills and abilities of female students in the Miacroclimate field of climate science.			
10- Course structure					
Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	3	Detailed climate concept	According to the course	Theoretical and practical	Daily and monthy testing
2	3		According to the course	Theoretical and practical	
3	3	The importance of studying the detailed climate	According to the course	Theoretical and practical	Daily and monthly testing

4	3	Detailed climate layers	According to the couse	Theoretical and practical	Daily and monthly testing
5	3		According to the couse	Theoretical and practical	Daily and monthly testing
6	3	Factors controlling the microclimate	According to the couse	Theoretical and practical	Daily and monthly testing
7	3	Lower atmosphere climate	According to the couse	Theoretical and practical	Daily and monthly testing
8	3	Soil climate	According to the couse	Theoretical and practical	Daily and monthly testing
9	3	Methods of modifying soil temperature	According to the couse	Theoretical and practical	Daily and monthly testing
10	3	The climate of flat, barren surfaces	According to the couse	Theoretical and practical	Daily and monthly testing
11	3	Desert climate	According to the couse	Theoretical and practical	Daily and monthly testing
12	3	Climate of vegetation surfaces	According to the couse	Theoretical and practical	Daily and monthly testing
13	3		According to the couse	Theoretical and practical	Daily and monthly testing
14	3	Climate of agricultural fields	According to the couse	Theoretical and practical	Daily and monthly testing
15	3	Highland climate	According to the couse	Theoretical and practical	Daily and monthly testing

## Course Description

1- Course Name: Geography					
2- Course Code: Geography					
3- Semester / Year: third / first					
4- Date this description was prepared: 2023 - 2024					
5- Available attendance forms: 118					
6- Number of study hours (total)\number of units (total): 60 hours / 2 units					
7- Name of the official judge (if more than one name is prohibited) Enas M. Saleh					
8- Course objectives:					
Objectives of the study subject:		<ul style="list-style-type: none"> <li>• the Knowles of now world – north of America</li> <li>• Phenomenon Physical of north of America</li> <li>• Human Physical of north of America</li> </ul>			
9. Teaching and learning strategies					
The strategy		1- For the student to know the nature of geography of north of America . 2- For the student to know the methods of regional geography. 3- To know the geographical-spatial Phenomenon Physical and human of north of America 4- For the student to know the economical of north America ( agriculture – industrial – tiered )			
10- Course structure					
Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	2		Topography of north America	Q & A	Discussion
2	2		Climate of north America	Q & A	Discussion

3	2		Soil of north America	Q & A	Discussion
4	2		Natural of plant in north America	Q & A	Discussion
5	2		Hydro resource in north America	Q & A	Discussion
6	2		Physical map of north America	Q & A	Discussion
7	2		Examination	Q & A	Discussion
8	2		Population of north America	Q & A	Discussion
9	2		Ethnography of north America	Q & A	Discussion
10	2		Industrial of north America	Q & A	Discussion
11	2		Agriculture of north America	Q & A	Discussion
12	2		Tirade of north America	Q & A	Discussion
13	2		Corporation between north & south America	Q & A	Discussion
14	2		Examination	Q & A	Discussion

## Course Description

1- Course Name: Geography Of south America					
2- Course Code: Geography Of south America					
3- Semester / Year: third / second					
4- Date this description was prepared: 2023 - 2024					
5- Available attendance forms: 118					
6- Number of study hours (total)\number of units (total): 60 hours / 2 units					
7- Name of the official judge (if more than one name is prohibited) Enas M. Saleh					
8- Course objectives:					
Objectives of the study subject:		<ul style="list-style-type: none"> <li>• the Knowles of now world – south of America</li> <li>• Phenomenon Physical of south of America</li> <li>• Human Physical of south of America</li> </ul>			
9. Teaching and learning strategies					
The strategy		1- For the student to know the nature of geography of south of America . 2- For the student to know the methods of regional geography. 3- To know the geographical-spatial Phenomenon Physical and human of south of America 4- For the student to know the economical of south America ( agriculture – industrial – tiered )			
10- Course structure					
Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	2		Topography of south America	Q & A	Discussion
2	2		Climate of south America	Q & A	Discussion

3	2		Soil of south America	Q & A	Discussion
4	2		Natural of plant in south America	Q & A	Discussion
5	2		Hydro resource in south America	Q & A	Discussion
6	2		Physical map of south America	Q & A	Discussion
7	2		Examination	Q & A	Discussion
8	2		Population of south America	Q & A	Discussion
9	2		Ethnography of south America	Q & A	Discussion
10	2		Industrial of south America	Q & A	Discussion
11	2		Agriculture of south America	Q & A	Discussion
12	2		Tirade of south America	Q & A	Discussion
13	2		Corporation between north & south America	Q & A	Discussion
14	2		Examination	Q & A	Discussion



## Course Description

<b>1- Course Name:</b>					
Geography of cities					
<b>2- Course Code:</b>					
EWG3303					
<b>3- Semester / Year:</b>					
FIRST semester					
<b>4- Date this description was prepared:</b>					
2023-2024					
<b>5- Available attendance forms:</b>					
Daily					
<b>6- Number of study hours (total)\number of units (total):</b>					
30					
<b>7- Name of the official judge (if more than one name is prohibited)</b>					
DR.Hameed Hussien Farhan					
<b>8- Course objectives:</b>					
Objectives of the study subject:		1-Learn about the geography of cities and methods of researching them. 2- Distinguish between city and village . 3- Knowing the components of the city. 4-Understanding the controls of the city's internal structure . 5- Identifying land use patterns in the city.			
<b>9. Teaching and learning strategies</b>					
The strategy		1- Discussion  2-Diction			
<b>10- Course structure</b>					
Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	2	knowledge	Fields of study of urban geography and methods of research therein	Discussion with students	Daily exam
2	2	knowledge	Definition of the city and the foundations of the distinction between the village and the city	Discussion with students	Daily exam
3	2	knowledge	Interior structure of the city	Discussion with students	Daily exam
4	2	knowledge	Sector theory	Discussion with students	Daily exam
5	2	knowledge	The theory of multiple nuclei	Discussion with students	Daily exam

6		knowledge	City internal installation controls	Discussion with students	Daily exam
7	2	knowledge	First month exam	Editorial	Monthly exam
8	2	knowledge	Land uses in the city	Discussion with students	Daily exam
9	2	knowledge	Commercial land use	Discussion with students	Daily exam
10	2	knowledge	Industrial land use - residential land use	Discussion with students	Daily exam
11	2	knowledge	Recreational land use – land use for transportation in the city	Discussion with students	Daily exam
12	2	knowledge	Classification of cities - sizes of cities	Discussion with students	Daily exam
13	2	knowledge	Economic basis	Discussion with students	Daily exam
14	2	knowledge	The relationship between the city and its region	Discussion with students	Daily exam
15	2	knowledge	Second month exam	Editorial	Monthly exam

## Course Description

1- Course Name:					
Urban studies					
2- Course Code:					
3- Semester / Year:					
Third/second					
4- Date this description was prepared:					
2023-2024					
5- Available attendance forms:					
Daily					
6- Number of study hours (total)\number of units (total):					
30					
7- Name of the official judge (if more than one name is prohibited)					
DR.Hameed Hussien Farhan					
8- Course objectives:					
Objectives of the study subject:		1- Getting to know urban geography and methods of researching it 2- Knowledge of urban components - 3- Understanding urban peripheries 4- Identify the problems facing urban centers			
9. Teaching and learning strategies					
The strategy		1- Discussion  2-Diction			
10- Course structure					
Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	2	knowledge	The importance of urban studies and their applications	Discussion with students	Daily exam
2	2	knowledge	Urbanization and its interpretations	Discussion with students	Daily exam
3	2	knowledge	Urban countryside	Discussion with students	Daily exam
4	2	knowledge	Classification of urban centers	Discussion with students	Daily exam
5	2	knowledge	Size of urban centres	Discussion with students	Daily exam
6		knowledge	First monthly exam	Discussion with students	Daily exam

7	2	knowledge	The economic basis of urban centers	Editorial	Monthly exam
8	2	knowledge	Population characteristics	Discussion with students	Daily exam
9	2	knowledge	Cities and urban growth	Discussion with students	Daily exam
10	2	knowledge	Central places theory	Discussion with students	Daily exam
11	2	knowledge	City morphology	Discussion with students	Daily exam
12	2	knowledge	Urban problems	Discussion with students	Daily exam
13	2	knowledge	Urban fringes	Discussion with students	Daily exam
14	2	knowledge	City territory	Discussion with students	Daily exam
15	2	knowledge	Second monthly exam	Editorial	Monthly exam

## Course Description

1- Course Name:natural resources

2- Course Code:

3- Semester / Year:2024

4- Date this description was prepared:

5- Available attendance forms:

6- Number of study hours (total)\number of units (total):

7- Name of the official judge (if more than one name is prohibited)

8- Course objectives:

Objectives of the study subject:

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9. Teaching and learning strategies

The strategy

10- Course structure

Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	2		The concept of natural resources		
2	2		Classification		
3	2		Conservation of natural resources		
4	2		Natural plant		
5	2		Factors affecting the plant		
6	2		Livestock		
7	2		Livestock Classification		
8	2		Its types and distribution		
9	2		First month exam		
10	2		Fish wealth		
11	2		Mineral resources		
12	2		Metal concept		
13	2		energy resources		
14	2		Second month exam		

## Course description

1. Course name: Industry geography

2. Course code: EWG3302

3. Semester/year: Second/third

4. Date this description was prepared: 28/1/2024

5. Available attendance formats: In-person lecture hall

6. Number of study hours (total)\number of units (total) (30 hours / 30 units)

7. Name of the course administrator (if more than one name is mentioned) A. Dr.. Adel Rashid Hussein

8. Course objectives

Objectives of the study subject

- Gaining the ability and familiarity with the philosophy and concept of industry geography.
- Identify the most important industrial branches and principles of industry geography.
- Scientific analysis to choose appropriate industrial sites while benefiting from theoretical propositions and scientific experiments in determining the location of the industrial project

9. Teaching and learning strategies

The strategy

- A- Testing students' ability to understand the factors that helped industrial development.
- B- Developing students' knowledge of industrial theoretical principles and foundations.
- C- Developing students' scientific analysis of industrial sites.
- D- Testing students' mental skills on theories of industrial localization.
- E- Developing students' ability to scientifically analyze the economics of industrial settlement.

10. Course structure

the week	hours	Required learning outcomes	Name of the unit or topic	Learning	Evaluation

				method	method
<b>First</b>	2	Testing students' ability to understand the factors of industry development	The concept of industry geography	Lectures and discussion	Exam and activity
<b>Second</b>	2	Developing students' knowledge of industrial theoretical principles and foundations	Factors that contributed to the emergence and development of the branch of industrial geography	Lectures and discussion	Exam and activity
<b>Third</b>	2	Developing students' scientific analysis of industrial sites	Research methods in industrial geography	Lectures and discussion	Exam and activity
<b>Fourth</b>	2	Testing students' mental skills on theories of industrial localization	The concept of industry and its types	Lectures and discussion	Exam and activity
<b>Fifth</b>	2	Developing students' ability to scientifically analyze the economics of industrial localization	The importance of settling the industry within the region	Lectures and discussion	Exam and activity
<b>sixth</b>	2	Know the geography of the industry and understand what it means in scientific terms	Factors of industrial endemism	Lectures and discussion	Exam and activity
<b>Seventh</b>	2	Know the factors that helped develop the geography of the industry	Monthly exam	Lectures and discussion	Exam and activity
<b>eighth</b>	2	Knowing the most important reasons that led to the emergence of industry geography	Natural geographical factors	Lectures and discussion	Exam and activity
<b>Ninth</b>	2	Knowledge of the most important international classifications of the industrial sector	Economic and human factors	Lectures and discussion	Exam and activity
<b>Tenth</b>	2	Knowledge of technological developments and their impact on industrial localization	Patterns of industrial settlement	Lectures and discussion	Exam and activity
<b>Eleventh</b>	2	Knowledge of the most important international experiences in the industry	Industrial location theories	Lectures and discussion	Exam and activity
<b>Twelveth</b>	2	The ability to search for information related to the geography of the industry	Industrial localization policies in selected countries	Lectures and discussion	Exam and activity
<b>Thirteenth</b>	2	The ability to confront problems related to the nature of geographical knowledge of the geography of industry	Methods of analyzing the industrial structure within the region	Lectures and discussion	Exam and activity
<b>Fourteenth</b>	2	The ability to distinguish between scientific concepts of industrial geography	Geographical distribution of the industry in the world	Lectures and discussion	Exam and activity

#### 11. Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation,

daily, oral, monthly, written exams, reports, etc.

Semester	Laboratory	Daily exams	The project	final exam
the first	-----	10	30	60

## 12. Learning and teaching resources

Required textbooks (methodology, if any)	Industry Geographer / Dr. Ibrahim Sharif Ibrahim and Dr. Noman Dahash Al-Aqili Industry Geographer / Dr. Abdel Zahra Abdel Janabi
Main references (sources)	
Recommended supporting books and references (scientific journals, reports...)	
Electronic references, websites	



## Course description

-Course name .

Geography of agriculture for the third stage

-Course code .

:Semester/Year :

second semester ٢٠٢٤

:Date this description was prepared .

٢٠٢٤ / ٤ / ١

:Available attendance forms .

-Number of study hours (total)\number of units (total)> .

"weekly Q (٤)

-Name of the course administrator (if more than one name is mentioned) .

D.athraa adnan abd al jaleel

\- Course objectives .

Introducing students to the importance of studying agricultural geography  
Explain the importance of agriculture and the geographical factors affecting it  
The role of agriculture and agricultural development

Objectives of the study subject

Explaining the importance of agriculture for comprehensive development

1-Teaching and learning strategies .<sup>١</sup>

The strategy

The strategy

1-Cognitive objectives

A- Identifying the department's objectives

B- Identify the importance of agricultural geography

T- Identify the types of agriculture

٢-The skills objectives of the course

A- Identify the importance of agriculture and its types

B- Identify the importance of agriculture and its impact on the country's economy

Course structure .

Evaluation	Learning method	Name of the unit or	Required	hours	the week

method		topic	learning outcomes		
Written tests	Deliverance - discussion	Introduction to rural geography		3	the first
Written tests	Deliverance - discussion	The relationship of rural geography to other sciences		3	the second
Written tests	Deliverance - discussion	Rural civilizational development		3	the third
Written tests	Deliverance - discussion	The impact of transportation on the countryside		3	the fourth
Written tests	Deliverance - discussion	The development of agriculture in Mesopotamia		3	Fifth
Written tests	Deliverance - discussion	Rural concept		3	
Written tests	Deliverance - discussion	Irrigation means		3	Seventh
Written tests	Deliverance - discussion	The impact of climate on agriculture		3	eight
Written tests	Deliverance - discussion	The impact of population on rural agriculture		3	Ninth
Written tests	Deliverance - discussion	Seasonal agriculture		3	The tenth
Written tests	Deliverance - discussion	Methods of treating agricultural pests in the countryside		3	eleventh
Written tests	Deliverance - discussion	The countryside and the factors affecting it		3	twelveth
Written tests	Deliverance - discussion	Human factors		3	Thirteenth
Written tests	Deliverance - discussion	Natural factors		3	fourteenth

#### 8. Course evaluation

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

final exam	The project	Daily exams	Laboratory	Semester
60	30	10	-----	الثاني

#### Y-Learning and teaching resources-

Dr.. Mohamed Mahmoud - Dr. Ali Ahmed Haroun	Required textbooks (methodology, if any)
Dr.. Mohamed Mahmoud - Dr. Ali Ahmed Haroun	Main references (sources)
Nothing	Recommended supporting books and references (scientific journals, reports...)
Nothing	Electronic references, websites

## Course description

1- Course name .

Soil geography for the third stage

1-Course code .

1:Semester/Year :

second semester ٢٠٢٤

1:Date this description was prepared .

٢٠٢٤ / ٤ / ١

1:Available attendance forms .

1-Number of study hours (total)\number of units (total)> .

”weekly Q (٤)

1-Name of the course administrator (if more than one name is mentioned) .

D.athraa adnan abd al jaleel

1-Course objectives

Introducing students to the importance of studying soil geography  
Explaining the importance of soil and the geographical factors affecting it  
The role of soil in rural development

Objectives of the study subject

Explaining the importance of soil for comprehensive development

1-Teaching and learning strategies .

The strategy

The strategy

1-Cognitive objectives

A- Identifying the department’s objectives

B- Identify the importance of soil geography

T- Identifying the types of soil

٢-The skills objectives of the course

A- Identify the importance of soils and their types

B- Identify the importance of soil and its impact on agriculture in the country’s economy

1-Course structure

Evaluation	Learning method	Name of the unit or	Required	hours	the week

method		topic	learning outcomes		
Written tests	Deliverance - discussion	Introduction to soil geography		3	the first
Written tests	Deliverance - discussion	The relationship of soil geography to other sciences		3	the second
Written tests	Deliverance - discussion	Soil and cultural development		3	the third
Written tests	Deliverance - discussion	The impact of soil on the countryside		3	the fourth
Written tests	Deliverance - discussion	Soil development and agriculture in Mesopotamia		3	Fifth
Written tests	Deliverance - discussion	Soil concept		3	
Written tests	Deliverance - discussion	Irrigation means		3	Seventh
Written tests	Deliverance - discussion	The effect of climate on soil		3	eight
Written tests	Deliverance - discussion	The impact of population on soil in the countryside		3	Ninth
Written tests	Deliverance - discussion	Seasonal agriculture		3	The tenth
Written tests	Deliverance - discussion	Methods of treating agricultural pests in the soil		3	eleventh
Written tests	Deliverance - discussion	Soil and factors affecting it		3	twelveth
Written tests	Deliverance - discussion	Human factors		3	Thirteenth
Written tests	Deliverance - discussion	Natural factors		3	fourteenth

#### \-Course evaluation .

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

final exam	The project	Daily exams	Laboratory	Semester
60	30	10	-----	The second

#### \-Learning and teaching resources .

Hussein Al-Shalash-Muhammad Abdullah Muhammad-Ali	Required textbooks (methodology, if any)
Dr. Nasr Abdel-Sajjad Abdel-Hassan Soil Properties - University of Basra.	Main references (sources)
.nothing	Recommended supporting books and references (scientific journals, reports...)
.nothing	Electronic references, websites

## Course Description

1- Course Name:	
Geography of tourism	
2- Course Code:	
2023 – 2024	
3- Semester / Year:	
2023-2024 second semester	
4- Date this description was prepared:	
٢٠٢٤ /٤/١	
5- Available attendance forms:	
Daily attendance	
6- Number of study hours (total)\number of units (total):	
4 hours/week"	
7- Name of the official judge (if more than one name is prohibited)	
DR: Noor Aoda	
8- Course objectives:	
Objectives of the study subject:	<ul style="list-style-type: none"> <li>• Identify the concept of tourism and its importance as an important economic activity in the economies of many countries</li> <li>• Familiarize students with the natural and human resources that attract tourists</li> <li>• Clarifying the human role in tourism movement and developing its function</li> <li>• Identifying advanced global experiences in the field of tourism</li> </ul>
9. Teaching and learning strategies	
The strategy	<p>Cognitive objectives</p> <p>A1- Identify the concept of tourism</p> <p>A2- Identify the natural and human components necessary for tourist attraction</p> <p>A3-Knowing the importance of infrastructure in tourism activity</p> <p>A4- Identify tourist centers around the world</p> <p>B - The skills objectives of the course</p> <p>B1 Geographical distribution of tourist places in the world</p> <p style="padding-left: 20px;">Teaching and learning methods</p> <p>Questions and answers, reports, discussion</p> <p>Evaluation methods</p>

<b>10- Course structure</b>					
<b>Week</b>	<b>Hours</b>	<b>Required learning outcomes</b>	<b>Name of the unit or topic</b>	<b>Learning method</b>	<b>Evaluation method</b>
the first	2	Knowledge	Tourism concept	Presentation and discussion	Written tests
the second	2	Knowledge	The importance of tourism to the state	Presentation and discussion	Written tests
the third	2	Knowledge	But I am tourism	Presentation and discussion	Written tests
the fourth	2	Knowledge	Tourist attractions	Presentation and discussion	Written tests
Fifth	2	Knowledge	Geographic factors and their impact on tourism	Presentation and discussion	Written tests
VI	2	Knowledge	Natural factors and their impact on tourism	Presentation and discussion	Written tests
Seventh	2	Knowledge	Human factors and their impact on tourism	Presentation and discussion	Written tests
VIII	2	Knowledge	Natural elements of tourist attraction	Presentation and discussion	Written tests
Ninth	2	Knowledge	Human components of the geography of tourism	Presentation and discussion	Written tests
The tenth	2	Knowledge	Airports and transportation	Presentation and discussion	Written tests
eleventh	2	Knowledge	Domestic tourism	Presentation and discussion	Written tests
the first	2	Knowledge	Tourism concept	Presentation and discussion	Written tests
the second	2	Knowledge	The importance of tourism to the state	Presentation and discussion	Written tests
the third	2	Knowledge	But I am tourism	Presentation and discussion	Written tests

## Course Description

1- Course Name:					
statistics					
2- Course Code:					
2					
3- Semester / Year:					
first semester					
4- Date this description was prepared:					
2023-2024					
5- Available attendance forms:					
daily					
6- Number of study hours (total)\number of units (total):					
2 units in week					
7- Name of the official judge (if more than one name is prohibited)					
Descriptive statistics book/Dr. Muhammad Mufid Al-Qusi Descriptive statistics and its applications/Dr. Abdul Hamid Attia					
8- Course objectives:					
Objectives of the study subject:		<ul style="list-style-type: none"> <li>• Acquiring knowledge/increasing educational skills</li> </ul>			
9. Teaching and learning strategies					
<p>The strategy</p> <p>How to use statistical processes and the scope of their applications in geography</p>					
10- Course structure					
<b>Week</b>	<b>Hours</b>	<b>Required</b>	<b>Name of the unit or</b>	<b>Learning</b>	<b>Evaluation</b>

		<b>learning outcomes</b>	<b>topic</b>	<b>method</b>	<b>method</b>
1	2	applications	Statistics and its types	exercises	good
2	2	applications	Statistical steps	exercises	good
3	2	applications	Data and its types	exercises	good
4	2	applications	Methods of collecting sources	exercises	good
5	2	applications	Characteristics of statistical data	exercises	good
6	2	applications	Data processing	exercises	good
7	2	applications	Data and types tab	exercises	good
8	2	applications	Quantitative and qualitative variables	exercises	good
9	2	applications	Samples and their types	exercises	good
10	2	applications	Measures of central tendency	exercises	good
11	2	applications	Arithmetic median	exercises	good
12	2	applications	Arithmetic mean	exercises	good
13	2	applications	Loom	exercises	good
14	2	applications	variance	exercises	good
15	2	applications	standard deviation	exercises	good



## Course Description

1- Course Name:	
Research methods	
2- Course Code:	
third stage	
3- Semester / Year:	
second semester	
4- Date this description was prepared:	
2024	
5- Available attendance forms:	
daily	
6- Number of study hours (total)\number of units (total):	
2 units in week	
7- Name of the official judge (if more than one name is prohibited)	
<b>Scientific research methods/Dr. Abdul Rahman Badawi</b> <b>Basics of scientific research and its tools/Dr. Muhammad Sarhan Al-Mahmoudi</b>	
8- Course objectives:	
Objectives of the study subject:	Gain knowledge /learn how to write researches
9. Teaching and learning strategies	
The strategy	These are the methods and steps that are used in writing research, such as defining the problem, hypotheses, objectives, methodology, conclusion, and sources.
10- Course structure	

<b>Week</b>	<b>Hours</b>	<b>Required learning outcomes</b>	<b>Name of the unit or topic</b>	<b>Learning method</b>	<b>Evaluation method</b>
1	2	knowledge	The origins and concept of scientific research methodology	application	good
2	2	knowledge	Types of scientific research method	application	good
3	2	knowledge	Objectives of the scientific research method	application	good
4	2	knowledge	The importance of the scientific research method	application	good
5	2	knowledge	Scientific research method tools	application	good
6	2	knowledge	Characteristics of a scientific researcher	application	good
7	2	knowledge	The importance of scientific research	application	good
8	2	knowledge	Steps for writing scientific research	application	good
9	2	knowledge	Conclusions and recommendations	application	good
10	2	knowledge	Conclusion or abstract	application	good
11	2	knowledge	The difference between sources and references	application	good
12	2	knowledge	Types of sources and references	application	good
13	2	knowledge	The importance of sources and references	application	good
14	2	knowledge	The importance of documenting sources and references in scientific research	application	good
15	2	knowledge	Types of documenting sources and references in scientific research	application	good

## Course Description

1- Course Name: Social Geography					
2- Course Code: Social Geography					
3- Semester / Year: Fourth / Second					
4- Date this description was prepared: 2023 - 2024					
5- Available attendance forms: 148					
6- Number of study hours (total)\number of units (total): 60 hours / 2 units					
7- Name of the official judge (if more than one name is prohibited) Enas M. Saleh					
8- Course objectives:					
Objectives of the study subject:		<ul style="list-style-type: none"> <li>• The concept of social geography, its methods, and its relationship to other sciences</li> <li>• The concept of social problems and their types</li> <li>• A geographical analysis of social problems: the problem of crime, the problem of divorce, the problem of poverty, and the problem of unemployment</li> </ul>			
9. Teaching and learning strategies					
The strategy		1- For the student to know the nature of social geography . 2- For the student to know the methods of studying social geography. 3- To know the geographical-spatial distribution of social phenomena and social problems. 4- For the student to know the theoretical foundations of social phenomena.			
10- Course structure					
Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	2		Social geography	Q & A	Discussion
2	2		Topical of Social geography	Q & A	Discussion

3	2		Type of social phenomenon	Q & A	Discussion
4	2		The modern of Social geography	Q & A	Discussion
5	2		Social Problem	Q & A	Discussion
6	2		Type of Social Problem	Q & A	Discussion
7	2		Examination	Q & A	Discussion
8	2		I . T Social Problem	Q & A	Discussion
9	2		The causes of Social Problem	Q & A	Discussion
10	2		Treatment of Social Problem	Q & A	Discussion
11	2		Social difficult	Q & A	Discussion
12	2		Problem of divorce	Q & A	Discussion
13	2		Problem of un liber force	Q & A	Discussion
14	2		Examination	Q & A	Discussion

## Course Description

1- Course Name:					
Geography of the Arab world					
2- Course Code:					
fourth stage					
3- Semester / Year:					
second semester					
4- Date this description was prepared:					
2024					
5- Available attendance forms:					
Daily					
6- Number of study hours (total)\number of units (total):					
2 units in week					
7- Name of the official judge (if more than one name is prohibited)					
<b>Dr.Buthaina Rahim Shokat</b>					
8- Course objectives:					
Objectives of the study subject:		Identify the location of the Arab world and the factors affecting it			
9. Teaching and learning strategies					
The strategy		The concept of the Arab world ,its import goals			
10- Course structure					
Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	2		Arab World website	Deliverance -	Written tests

				discussion	
2	2		Geological formation	Deliverance - discussion	Written tests
3	2		Climate and climatic regions	Deliverance - discussion	Written tests
4	2		Soil and its types	Deliverance - discussion	Written tests
5	2		Natural plant	Deliverance - discussion	Written tests
6	2		Rivers	Deliverance - discussion	Written tests
7	2		Population	Deliverance - discussion	Written tests
8	2		First month exam	Deliverance - discussion	Written tests
9	2		Economic phenomena	Deliverance - discussion	Written tests
10	2		Plant production	Deliverance - discussion	Written tests
11	2		Animal Production	Deliverance - discussion	Written tests
12	2		Oil	Deliverance - discussion	Written tests
13	2		Industry	Deliverance - discussion	Written tests
14	2		Trade and transportation	Deliverance - discussion	Written tests
15	2		The exam is the second month	Deliverance - discussion	Written tests

## Course Description

1- Course Name:					
Geography of services					
2- Course Code:					
EWG3310					
3- Semester / Year:					
Forty- second					
4- Date this description was prepared:					
2023-2024					
5- Available attendance forms:					
Daily					
6- Number of study hours (total)\number of units (total):					
30					
7- Name of the official judge (if more than one name is prohibited)					
DR.Hameed Hussien Farhan					
8- Course objectives:					
Objectives of the study subject:		a. The student understands the geography of services and their importance B- That the student becomes familiar with the most prominent theories of the geography of services within regional development programs and projects in the geographical location C- That the student recognizes the development and growth of services and their importance to the population D- That the student becomes familiar with the organization of services in cities E- That the student becomes familiar with the research methodology in the geography of services and the technical methods used in it.			
9. Teaching and learning strategies					
The strategy		1- Discussion  2-Diction			
10- Course structure					
Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	2	knowledge	Geography of services: its concept and importance	Discussion with students	Daily exam
2			Theories in the geography of services	Discussion with students	Daily exam
3			Application		
4			Application		
5			Application		
6			Application		
7			Application		

8	2	knowledge	Services concept	Discussion with students	Daily exam
9	2	knowledge	First month exam	Editorial	Monthly exam
10	2	knowledge	Characteristics of services and their evaluation - factors of localization of services	Discussion with students	Daily exam
11	2	knowledge	The importance of characteristics in signing services - service localization patterns and their components.	Discussion with students	Daily exam
12	2	knowledge	Types of service - quality of services	Discussion with students	Daily exam
13	2	knowledge	Spatial organization of services in cities	Discussion with students	Daily exam
14	2	knowledge	service planning	Discussion with students	Daily exam
15	2	knowledge	Second month exam	Editorial	Monthly exam



## Course Description

1- Course Name:					
Geography of Iraq					
2- Course Code:					
EWG3404					
3- Semester / Year:					
Fourth/second					
4- Date this description was prepared:					
2023-2024					
5- Available attendance forms:					
Daily					
6- Number of study hours (total)\number of units (total):					
30					
7- Name of the official judge (if more than one name is prohibited)					
DR.Hameed Hussien Farhan					
8- Course objectives:					
Objectives of the study subject:		. A study subject for fourth grade students that studies Iraq's regional character through an analytical view of the regional and local features and showing the nature of the land, population, and resources from a geographical point of view.			
9. Teaching and learning strategies					
The strategy		1- Discussion  2-Diction			
10- Course structure					
Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	2	knowledge	The importance of the geographical location of Iraq	Discussion with students	Daily exam
2	2	knowledge	Topography of Iraq - Geological History	Discussion with students	Daily exam
3	2	knowledge	Surface sections: 1- Alluvial plain 2- Desert plateau	Discussion with students	Daily exam
4	2	knowledge	Mountainous region - factors affecting the climate of Iraq	Discussion with students	Daily exam
5	2	knowledge	Climate elements: 1- Heat, 2- Wind, 3- Rain	Discussion with students	Daily exam

6		knowledge	Types of climate in Iraq - the impact of climate on agricultural production	Discussion with students	Daily exam
7	2		First month exam	Editorial	Monthly exam
8	2	knowledge	Soil - general characteristics - alluvial plain soil - desert soil	Discussion with students	Daily exam
9	2	knowledge	The soil of the mountainous and semi-mountainous region	Discussion with students	Daily exam
10	2	knowledge	Soil problems - soil salinity	Discussion with students	Daily exam
11	2	knowledge	Desertification	Discussion with students	Daily exam
12	2	knowledge	Natural plant in Iraq	Discussion with students	Daily exam
13	2	knowledge	Water Resources	Discussion with students	Daily exam
14	2	knowledge	population	Discussion with students	Daily exam
15	2	knowledge	Second month exam	Editorial	Monthly exam

## Course description

13. Course name: Geographic Thought

14. Course code: EWG3407

15. Semester/year: first/fourth

16. Date this description was prepared: 01/10/2023

17. Available attendance formats: In-person lecture hall

18. Number of study hours (total)\number of units (total) (30 hours / 30 units)

19. Name of the course administrator (if more than one name is mentioned) A. Dr.. Adel Rashid Hussein

20. Course objectives

Objectives of the study subject

- Gaining the ability and knowledge of the philosophy and concept of geographical thought.
- The ability to know the most important geographical trips in the world.
- Scientific analysis of the importance of geographical schools, while benefiting from theoretical studies in defining the concept of geographical thought.

21. Teaching and learning strategies

The strategy

- F- Testing students' ability to understand the factors that helped develop geographical thought.
- G- Developing students' knowledge of the principles and theoretical foundations of geographical thought.
- H- Developing students' scientific analysis of geographical thought.
- I- Testing students' mental skills on theories of geographical thought.
- J- Developing students' ability to scientifically analyze geographical thought.

## 22. Course structure

the week	hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
<b>First</b>	2	Testing students' ability to understand the factors in the development of geographical thought	The first beginnings of geographical thought	Lectures and discussion	Exam and activity
<b>Second</b>	2	Developing students' knowledge of the principles and theoretical foundations of geographical thought	Arab geographical thought before Islam	Lectures and discussion	Exam and activity
<b>Third</b>	2	Developing students' scientific analysis of geographical thought	Mathematical and astronomical geography	Lectures and discussion	Exam and activity
<b>Fourth</b>	2	Testing students' mental skills on theories of geographical thought	Descriptive and regional geography	Lectures and discussion	Exam and activity
<b>Fifth</b>	2	Developing students' ability to analyze scientific geographical thought	Use the stars and planetary orbits to guide navigation	Lectures and discussion	Exam and activity
<b>sixth</b>	2	Knowledge of geographical thought and understanding what it means in scientific terms	Natural geography	Lectures and discussion	Exam and activity
<b>Seventh</b>	2	Knowing the most important scientific ideas of geography schools	Monthly exam	Lectures and discussion	Exam and activity
<b>eighth</b>	2	Knowing the most important reasons that led to the emergence of geographical thought	Modern geographical thought	Lectures and discussion	Exam and activity
<b>Ninth</b>	2	Knowing the most important scholars who contributed to the development of geographical thought	Geographic detection movement	Lectures and discussion	Exam and activity
<b>Tenth</b>	2	Knowledge of technological developments and their impact on geographical thought	Modern geographical discoveries	Lectures and discussion	Exam and activity
<b>Eleventh</b>	2	Knowledge of the most important ancient civilizations and their contribution to the development of geographical thought	Discovery within the African continent	Lectures and discussion	Exam and activity
<b>Twelveth</b>	2	The ability to search for information related to geographical thought	Modern geographical schools	Lectures and discussion	Exam and activity
<b>Thirteenth</b>	2	The ability to confront problems related to the nature of geographical knowledge of geographical thought	German Geographic School	Lectures and discussion	Exam and activity
<b>Fourteenth</b>	2	The ability to distinguish between scientific concepts of geographical thought	Development of French geographical thought	Lectures and discussion	Exam and activity

## 23. Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation,

daily, oral, monthly, written exams, reports, etc.

Semester	Laboratory	Daily exams	The project	final exam
the first	-----	10	30	60

#### 24. Learning and teaching resources

Required textbooks (methodology, if any)	Geographical thought and research methods / Dr. Ibrahim Abdul-Jabbar Al-Mashhadani, Dr. Fares Sabri Al-Hiti, and Dr. Saadi Muhammad Saleh Al-Saadi Geographic Thought / Dr. Abdel Khalil Fadil and Dr. Ibrahim Abdel-Jabbar Al-Mashhadani
Main references (sources)	
Recommended supporting books and references (scientific journals, reports...)	
Electronic references, websites	

## Course Description

1- Course Name:	
Geographic Information Systems GIS	
2- Course Code:	
3- Semester / Year:	
First semester - 2023-2024	
4- Date this description was prepared:	
5- Available attendance forms:	
6- Number of study hours (total)\number of units (total):	
Total number of hours -42 Total number of units 84	
7- Name of the official judge (if more than one name is prohibited)	
Experienced Dr. Mashal Mahmood Fayyadh	
8- Course objectives:	
Objectives of the study subject:	<ul style="list-style-type: none"> <li>• 1- Getting to know geographic information systems</li> <li>2-Using modern technologies in geographical studies</li> <li>3- Drawing maps and conducting spatial, statistical, and topographical analyzes using GIS programs</li> </ul>
9. Teaching and learning strategies	
The strategy	<ul style="list-style-type: none"> <li>1- Introducing modern technologies into scientific studies and benefiting from them in the areas of planning projects in their various forms, engineering, agricultural, etc.</li> <li>2- Working on geographic information systems (GIS) programs in spatial analyses</li> <li>3- Drawing maps using Geographic Information Systems (GIS) programs</li> </ul>

<b>10- Course structure</b>					
<b>Week</b>	<b>Hours</b>	<b>Required learning outcomes</b>	<b>Name of the unit or topic</b>	<b>Learning method</b>	<b>Evaluation method</b>
1	3		Definitions of geographic information systems (GIS)	Discussion and application	Question, answer and test
2	3		The relationship of geographic information systems (GIS) with geography and cartography	Discussion and application	Question, answer and test
3	3		The relationship of geographic information systems (GIS) with Remote Sensing	Discussion and application	Question, answer and test
4	3		Components of Geographic Information Systems (GIS).	Discussion and application	Question, answer and test
5	3		Data in Geographic Information Systems (GIS).	Discussion and application	Question, answer and test
6	3		Spatial Data.	Discussion and application	Question, answer and test
7	3		Monthly exam - types of spatial data	Discussion and application	Question, answer and test
8	3		Attribute Data	Discussion and application	Question, answer and test
9	3		Geographic databases	Discussion and application	Question, answer and test
10	3		Steps required to build the database	Discussion and application	Question, answer and test
11	3		Types of databases	Discussion and application	Question, answer and test
12	3		Geodatabase design TOPOLOGY – Exam	Discussion and application	Question, answer and test
13	3		Coordinate systems and map projections	Discussion and application	Question, answer and test
14	3		Data sources in geographic information systems	Discussion and application	Question, answer and test

## Course Description

1- Course Name:	
Transport geography for the fourth stage	
2- Course Code:	
2023-2024	
3- Semester / Year:	
2024 first semester	
4- Date this description was prepared:	
٢٠٢٤ /٤/١	
5- Available attendance forms:	
Daily attendance	
6- Number of study hours (total)\number of units (total):	
3 hours/week"	
7- Name of the official judge (if more than one name is prohibited)	
DR: Noor Aoda	
8- Course objectives:	
Objectives of the study subject:	Introducing students to the importance of studying transportation geography Explain the importance of transportation and the geographical factors affecting it The role of transportation in agricultural development The role of transportation in industrial development Explaining the importance of transportation for comprehensive development
9. Teaching and learning strategies	
The strategy	Evaluation methods  -\ Cognitive objectives A- Identifying the department's objectives B- Identify the importance of transportation geography T- Identify the types of transportation 2- The skills objectives of the course A- Identify the importance of methods and their types B- Identify the importance of trade and transportation and its impact on the country's economy
10- Course structure	



<b>Week</b>	<b>Hours</b>	<b>Required learning outcomes</b>	<b>Name of the unit or topic</b>	<b>Learning method</b>	<b>Evaluation method</b>
the first	3	Knowledge	Introduction to the geography of transportation	Presentation and discussion	Written tests
the second	3	Knowledge	The relationship of transportation geography to other sciences	Presentation and discussion	Written tests
the third	3	Knowledge	Transport and cultural development	Presentation and discussion	Written tests
the fourth	3	Knowledge	Land transportation and water transportation	Presentation and discussion	Written tests
Fifth	3	Knowledge	The development of transportation in Mesopotamia	Presentation and discussion	Written tests
VI	3	Knowledge	Water transportation and land transportation	Presentation and discussion	Written tests
Seventh	3	Knowledge	Land transportation	Presentation and discussion	Written tests
VIII	3	Knowledge	Railways	Presentation and discussion	Written tests
Ninth	3	Knowledge	Railway gauges	Presentation and discussion	Written tests
The tenth	3	Knowledge	Transport movement on railways	Presentation and discussion	Written tests
eleventh	3	Knowledge	Vehicle roads and their density	Presentation and discussion	Written tests
twelveth	3	Knowledge	River transport and the factors affecting it	Presentation and discussion	Written tests
Thirteenth	3	Knowledge	Maritime transport and the factors affecting it	Presentation and discussion	Written tests
fourteenth	3	Knowledge	Marine canals in the world	Presentation and discussion	Written tests

## Course Description

1- Course Name:	
Environmental geography and pollution	
2- Course Code:	
2023-2024	
3- Semester / Year:	
2023-2024 second semester	
4- Date this description was prepared:	
٢٠٢٤ /٤/١	
5- Available attendance forms:	
Daily attendance	
6- Number of study hours (total)\number of units (total):	
4 hours/week"	
7- Name of the official judge (if more than one name is prohibited)	
DR: Noor Aoda	
8- Course objectives:	
Objectives of the study subject:	Identify environmental pollutants, their negative role, how to get rid of them, and study them in detail
9. Teaching and learning strategies	
The strategy	Evaluation methods  ١- Grades 2- Discussion and dialogue 3- Tests 4- Reports

<b>10- Course structure</b>					
<b>Week</b>	<b>Hours</b>	<b>Required learning outcomes</b>	<b>Name of the unit or topic</b>	<b>Learning method</b>	<b>Evaluation method</b>
the first	2	Knowledge	Historical introduction to ecology	Presentation and discussion	Written tests
the second	2	Knowledge	Branches of ecology and ecosystem	Presentation and discussion	Written tests
the third	2	Knowledge	Environmental systems	Presentation and discussion	Written tests
the fourth	2	Knowledge	Cycles (water, gas, nitrogen, phosphorus)	Presentation and discussion	Written tests
Fifth	2	Knowledge	Environmental balance	Presentation and discussion	Written tests
VI	2	Knowledge	Environmental imbalance	Presentation and discussion	Written tests
Seventh	2	Knowledge	The upper atmosphere and its impact on the environment	Presentation and discussion	Written tests
VIII	2	Knowledge	Food chains	Presentation and discussion	Written tests
Ninth	2	Knowledge	Abiotic factors	Presentation and discussion	Written tests
The tenth	2	Knowledge	Food chains	Presentation and discussion	Written tests
eleventh	2	Knowledge	Food webs	Presentation and discussion	Written tests
the first	2	Knowledge	The relationship between living organisms	Presentation and discussion	Written tests
the second	2	Knowledge	Population regulation and its impact on the environment	Presentation and discussion	Written tests
the third	2	Knowledge	Causes of environmental pollution	Presentation and discussion	Written tests

## Course Description

1- Course Name: Geopolitics	
2- Course Code:	
3- Semester / Year: the first 2023-2024	
4- Date this description was prepared:1/4/2024	
5- Available attendance forms: Presence	
6- Number of study hours (total)\number of units (total): 4	
7- Name of the official judge (if more than one name is prohibited) D. Widad Hammad Mikhlif	
8- Course objectives:	
Objectives of the study subject:	<ul style="list-style-type: none"> <li>• That the student knows the concepts of regional geography</li> <li>• Raising students' academic and historical levels</li> <li>• Explaining the extent of the impact of teaching programs on students' mental and educational development</li> <li>• Developing ways to address obstacles to developing the educational process</li> </ul>
9. Teaching and learning strategies	
The strategy	<p>1- Cognitive objectives</p> <ul style="list-style-type: none"> <li>- Developing students' scientific knowledge</li> <li>-Preparing a successful and efficient teacher</li> <li>- Clarifying everything related to the core of the topic</li> </ul> <p>2- Skills objectives</p> <ul style="list-style-type: none"> <li>- Preparing a workshop inside the hall</li> <li>-Preparing a summary of the topic that includes the most important conclusions</li> </ul> <p>Teaching and learning methods</p> <ul style="list-style-type: none"> <li>- Presentation and discussion</li> </ul>

10- Course structure					
Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	4	Develop student knowledge	The concept of geopolitics	Discussion and analysis	The extent of the student's participation in the discussion
2	4	Empowering the student	The difference between geopolitics and geopolitics	Discussion and analysis	Opening the door for discussion among students
3	4	Developing student skills	The natural components of the state	Discussion and analysis	Involve the student by explaining the material on the board
4	4	Develop student knowledge	Human components	Discussion and analysis	Active student participation in discussions
5	4	Empowering the student	First month exam	Discussion and analysis	Daily exam
6	4	Developing student skills	Strategic theories	Discussion and analysis	Evaluating the extent of students' response to studying
7	4	Develop student knowledge	The concept of borders and frontiers	Discussion and analysis	The extent of the student's participation in the discussion
8	4	Empowering the student	The concept of power in geopolitics	Discussion and analysis	Opening the door for discussion among students
9	4	Developing student skills	International problems	Discussion and analysis	Evaluating the integrity of the information that students obtained from the information network
10	4	Develop student knowledge	Second month exam	Discussion and analysis	Active student
11	4	Empowering the student	Problems of political borders	Discussion and analysis	The extent of the student's participation in the discussion
12	4	Developing student skills	The problem of border demarcation in the Arab Gulf countries	Discussion and analysis	Opening the door for discussion among students
13	4	Develop student knowledge	Geopolitics of the Middle East	Discussion and analysis	Involve the student by explaining the material on the board
14	4	Empowering	Review the article	Discussion and	Active student

		the student		analysis	participation in discussions about continent
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## Course Description

1- Course Name: Seas and oceans

2- Course Code:

3- Semester / Year: the second2023-2024

4- Date this description was prepared:1/4/2024

5- Available attendance forms: Presence

6- Number of study hours (total)\number of units (total): 4

7- Name of the official judge (if more than one name is prohibited) D. Widad Hammad Mikhlif

8- Course objectives:

Objectives of the study subject:	<ul style="list-style-type: none"> <li>• That the student knows the concepts of regional geography</li> <li>• Raising students' academic and historical levels</li> <li>• Explaining the extent of the impact of teaching programs on students' mental and educational development</li> <li>• Developing ways to address obstacles to developing the educational process</li> </ul>
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9. Teaching and learning strategies

The strategy	<p>1- Cognitive objectives</p> <ul style="list-style-type: none"> <li>- Developing students' scientific knowledge</li> <li>-Preparing a successful and efficient teacher</li> <li>- Clarifying everything related to the core of the topic</li> </ul> <p>2- Skills objectives</p> <ul style="list-style-type: none"> <li>- Preparing a workshop inside the hall</li> <li>-Preparing a summary of the topic that includes the most important conclusions</li> </ul> <p>Teaching and learning methods</p> <ul style="list-style-type: none"> <li>- Presentation and discussion</li> </ul>
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10- Course structure					
Week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	4	Develop student knowledge	The concept of geography of seas and oceans	Discussion and analysis	The extent of the student's participation in the discussion
2	4	Empowering the student	Theories of the origin of seas and oceans	Discussion and analysis	Opening the door for discussion among students
3	4	Developing student skills	The theory of the lunar displacement - the theory of the shift of the continents	Discussion and analysis	Involve the student by explaining the material on the board
4	4	Develop student knowledge	Classification of seas and oceans based on salinity	Discussion and analysis	Active student participation in discussions
5	4	Empowering the student	application	Discussion and analysis	Daily exam
6	4	Developing student skills	application	Discussion and analysis	Evaluating the extent of students'
7	4	Develop student knowledge	application	Discussion and analysis	The extent of the student's participation in the discussion
8	4	Empowering the student	application	Discussion and analysis	Opening the door for discussion among students
9	4	Developing student skills	Written exam	Discussion and analysis	Evaluating the integrity of the information that students obtained from the information network
10	4	Develop student knowledge	The riches of the seas and oceans	Discussion and analysis	Active student participation in discussions
11	4	Empowering the student	Characteristics nature / temperature / density / color /	Discussion and analysis	The extent of the student's participation in the discussion
12	4	Developing student skills	Characteristics nature / temperature / density / color /	Discussion and analysis	Opening the door for discussion among students
13	4	Develop student knowledge	Chemical properties / water / seas / oceans	Discussion and analysis	Involve the student by explaining the material on the board
14	4	Empowering the student	Review the article	Discussion and analysis	Active student participation in

