

## Academic Program Description

University Name: University of Anbar

Faculty/Institute: Faculty of Education for Humanities

Scientific Department: Department of Geography

Academic or Professional Program Name: Bachelor

Final Certificate Name: Bachelor of Geography

Academic System: semester

Description Preparation Date: 17/9/2023

File Completion Date: 28/3/2024

Signature:

Head of Department Name:

Prof. Dr. Bilal Bardan Ali

Date: 28-3-2024



Signature:

Scientific Associate Name:

Prof. Dr. Yasir Khalaf Rasheed

Date:

كلية التربية للعلوم الانسانية  
تتبع ضمان الجودة  
والأداء الجامعي

The file is checked by: Asst. Prof. Dr. Muthana Ismaeil Turki

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date:

Signature:

Approval of the Dean

### **1. Program Vision**

Leadership and excellence in the academic aspect through raising the scientific level, geographical research, and fulfilling community requirements, making the department occupy a respected position at the local, Arab, and international levels.

### **2. Program Mission**

Preparing scientific competencies equipped with geographical knowledge, techniques and educational skills that make him capable of conducting scientific research and providing professional services in the field of education and human resources development by adopting the best curricula, methods and educational and pedagogical policies that meet the needs of society and communicating with relevant institutions at home and abroad.

### **3. Program Objectives**

It seeks to achieve a number of general and private goals that are related to the needs of society in order to make it able to deal with the environment surrounding it properly. The most important of these goals are:

1. Preparing scientific cadres who hold a bachelor's degree in geography to teach this science in secondary schools.
2. Developing the capabilities of graduate students, raising their scientific and research competence, and encouraging them to think, analyze, and choose research problems that are related to the needs of society and the requirements of development in Anbar Governorate, all of Iraq, and the Arab world.
3. Developing the student's abilities and enabling him to know and apply modern scientific curricula and master basic skills in education and modern methods of teaching geography.
4. Adopting sufficient means to ensure the quality of performance and outputs.
5. Using modern technologies, especially those related to geographic information systems, software, and statistical methods in research and analysis.
6. Emphasizing the principle of scientific and social communication within the college and university, as well as communication with other universities to benefit from the experiences and products of other scientific departments.
7. Instilling educational and human values in students, and protecting them from deviant ideas.
8. Continuous development of scientific research methods, ensuring quality and guarantee conditions.
10. Contributing to the development of the state's sectors, through applied research and studies that address the study of applied problems and contributing to providing the competent authorities with studies, research and consultation regarding many issues related to natural and human materials.

11. Contributing to planning the natural environment and studying natural disasters. Its behavior, trends, and ways to reduce it.

12. Contributing to the study of the natural environment and analyzing the problems associated with it and contributing to urban and regional planning processes by relying on the capabilities of geographical researchers in establishing a database, information and correct concepts derived from existing experiences and competencies, pushing towards strengthening the scientific and educational system of the Geography Department, especially in the initial preparation process. Bachelor's degree.

#### 4. Program Accreditation

Does the program have program Accreditation? And from which agency?

#### 5. Other external influences

Is there sponsor for the program?

#### 6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	11	21	14.3	
College Requirements	9	18	12.2	
Department Requirements	46	108	73.5	
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
The 1 <sup>st</sup> stage/semester1		Weather science	2	1
The 1 <sup>st</sup> stage/semester1		Geography of Africa	2	
The 1 <sup>st</sup> stage/semester1		Foundations of cartography	2	1
The 1 <sup>st</sup> stage/semester1		Foundations of the forms of earth science	2	1
The 1 <sup>st</sup> stage/semester1		English language level 1	2	
The 1 <sup>st</sup> stage/semester1		Computer principles and foundations	2	1
The 1 <sup>st</sup> stage/semester1		Foundations of education	2	
The 1 <sup>st</sup> stage/semester1		Human rights and democracy	1	
The 1 <sup>st</sup> stage/semester1		Arabic	2	
The 1 <sup>st</sup> stage/semester2		climatology	2	1
The 1 <sup>st</sup> stage/semester2		Geography of Australia	2	
The 1 <sup>st</sup> stage/semester2		Remote Sensing	2	1
The 1 <sup>st</sup> stage/semester2		General morphology of the Earth's surface	2	1
The 1 <sup>st</sup> stage/semester2		Biogeography	2	
The 1 <sup>st</sup> stage/semester2		Dry regions		
The 1 <sup>st</sup> stage/semester2		History of the ancient Arab world	2	
The 1 <sup>st</sup> stage/semester2		Educational psychology	2	
The 2 <sup>nd</sup> stage/semester1		Applied climatology	2	1
The 2 <sup>nd</sup> stage/semester1		Geography of Europe	2	
The 2 <sup>nd</sup> stage/semester1		Modern geographical techniques	2	1
The 2 <sup>nd</sup> stage/semester1		Population geography	2	1
The 2 <sup>nd</sup> stage/semester1		Landforms (field)	2	1
The 2 <sup>nd</sup> stage/semester1		Hydrology	2	1
The 2 <sup>nd</sup> stage/semester1		History of the Arab and Islamic state	2	
The 2 <sup>nd</sup> stage/semester1		Developmental psychology	2	
The 2 <sup>nd</sup> stage/semester1		Baath Party crimes in Iraq	2	
The 2 <sup>nd</sup> stage/semester2		Geography of Asia	2	
The 2 <sup>nd</sup> stage/semester2		Applied geomorphology	2	1
The 2 <sup>nd</sup> stage/semester2		Geography of oil and energy	2	
The 2 <sup>nd</sup> stage/semester2		Thematic maps	2	1
The 2 <sup>nd</sup> stage/semester2		Geography of development and planning	2	

The 2 <sup>nd</sup> stage/semester2		Rural geography	2	
The 2 <sup>nd</sup> stage/semester2		English	2	
The 2 <sup>nd</sup> stage/semester2		Computer software	2	
The 2 <sup>nd</sup> stage/semester2		Educational administration and secondary education	2	
The 3 <sup>rd</sup> stage/semester1		Geography of agriculture	2	
The 3 <sup>rd</sup> stage/semester1		Foundations and principles of urban geography	2	
The 3 <sup>rd</sup> stage/semester1		North America	2	
The 3 <sup>rd</sup> stage/semester1		Geographic statistics	2	
The 3 <sup>rd</sup> stage/semester1		Geography of tourism	2	
The 3 <sup>rd</sup> stage/semester1		The history of Iraq and the modern Arab world	2	
The 3 <sup>rd</sup> stage/semester1		Teaching curricula and methods	2	
The 3 <sup>rd</sup> stage/semester1		English language - level 3	2	
The 3 <sup>rd</sup> stage/semester2		Industry geography	2	
The 3 <sup>rd</sup> stage/semester2		Soil geography	2	1
The 3 <sup>rd</sup> stage/semester2		south america	2	
The 3 <sup>rd</sup> stage/semester2		Detailed climatology	2	1
The 3 <sup>rd</sup> stage/semester2		Geography of natural resources	2	1
The 3 <sup>rd</sup> stage/semester2		Urban studies and applications	2	
The 3 <sup>rd</sup> stage/semester2		Research methods	2	
The 3 <sup>rd</sup> stage/semester2		Educational counseling and mental health	2	
The 4 <sup>th</sup> stage/semester1		Geography of the Arab world	2	
The 4 <sup>th</sup> stage/semester1		Geography of transport, communication and international trade	2	
The 4 <sup>th</sup> stage/semester1		Geography of politics	2	
The 4 <sup>th</sup> stage/semester1		Geography of Iraq	2	
The 4 <sup>th</sup> stage/semester1		Geographic Information Systems (GIS)	2	1
The 4 <sup>th</sup> stage/semester1		Measurement and evaluation	2	
The 4 <sup>th</sup> stage/semester1		Social geography	2	
The 4 <sup>th</sup> stage/semester1		to watch	2	
The 4 <sup>th</sup> stage/semester2		Geographic thought	2	
The 4 <sup>th</sup> stage/semester2		Environment and pollution	2	
The 4 <sup>th</sup> stage/semester2		Geography of services	2	
The 4 <sup>th</sup> stage/semester2		Geography of seas and oceans	2	
The 4 <sup>th</sup> stage/semester2		English	2	
The 4 <sup>th</sup> stage/semester2		Teaching applications	2	
The 4 <sup>th</sup> stage/semester2		Graduation research	2	

## 8. Expected learning outcomes of the program

Knowledge	
Learning outcomes 1	Learning outcomes statement 1
Skills	
Learning outcomes 2	Learning outcomes statement 2
Learning outcomes 3	Learning outcomes statement 3
Ethics	
Learning outcomes 4	Learning outcomes statement 4
Learning outcomes 5	Learning outcomes statement 5

## 9. Teaching and Learning Strategies

Teaching and Learning Strategies and methods adopted in the implementation of the program in general.

## 10. Evaluation methods

- Preparation, daily exams and reports= 10
- Monthly Exam= 30
- Final term exam= 60

## 11. Faculty

### Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
Prof.	geography	Human geography			9	
Prof.	geography	Natural geography			3	
Prof.	agriculture	Soil survey			1	
Asst. Prof	geography	Human geography			4	
Asst. Prof	geography	Natural geography			4	

Instructor	geography	Human geography			2	
Instructor	geography	Natural geography			1	
Instructor	Computer	Computer Science			1	
Asst. Instructor	geography	Human geography			3	
Asst. Instructor	geography	Natural geography			2	

### **Professional Development**

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

Orienting new, visiting, full-time and part-time faculty members at the institution and department levels

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

Academic development for faculty members

### **12. Acceptance Criterion**

- 1- Secondary School Certificate
- 2- Desire in studying and leaning geography
- 3- Medical Examination

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

Methodical books

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

### 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
<b>First stage/1<sup>st</sup> Semester</b>		Weather science	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Geography of Africa	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Foundations of cartography	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Foundations of the forms of earth science	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		English language level 1	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Computer principles and foundations	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Foundations of education	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Human rights and democracy	Basic	√	√	√	√	√	√	√	√	√	√	√	√
	Arabic	Basic	√	√	√	√	√	√	√	√	√	√	√	√	



<b>First Stage/2<sup>nd</sup> Semester</b>	climatology	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Geography of Australia	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Remote Sensing	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	General morphology of the Earth's surface	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Biogeography	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Dry regions	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	History of the ancient Arab world	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Educational psychology	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
<b>Second stage/1<sup>st</sup> Semester</b>	Applied climatology	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Geography of Europe	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Modern geographical techniques	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Population geography	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Landforms (field)	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√

		Hydrology	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		History of the Arab and Islamic state	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Developmental psychology	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Baath Party crimes in Iraq	Basic	√	√	√	√	√	√	√	√	√	√	√	√
<b>Second stage/2<sup>nd</sup> semester</b>		Geography of Asia	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Applied geomorphology	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Geography of oil and energy	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Thematic maps	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Geography of development and planning	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Rural geography	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		English	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Computer software	Basic	√	√	√	√	√	√	√	√	√	√	√	√

		Educational administration and secondary education	Basic	√	√	√	√	√	√	√	√	√	√	√	√
<b>Third stage/1<sup>st</sup> semester</b>		Geography of agriculture	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Foundations and principles of urban geography	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		North America	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Geographic statistics	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Geography of tourism	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		The history of Iraq and the modern Arab world	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Teaching curricula and methods	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		English language - level 3	Basic	√	√	√	√	√	√	√	√	√	√	√	√
<b>Third stage/2<sup>nd</sup> semester</b>		Industry geography	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Soil geography	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		south america	Basic	√	√	√	√	√	√	√	√	√	√	√	√

		Detailed climatology	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Geography of natural resources	Basic												
		Urban studies and applications	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Research methods	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Educational counseling and mental health	Basic	√	√	√	√	√	√	√	√	√	√	√	√
<b>Fourth stage/1<sup>st</sup> semester</b>		Geography of the Arab world	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Geography of transport, communication and international trade	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Geography of politics	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Geography of Iraq	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Geographic Information Systems (GIS)	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Measurement and evaluation	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Social geography	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		to watch	Basic	√	√	√	√	√	√	√	√	√	√	√	√

<b>Fourth stage/2<sup>nd</sup> semester</b>	Geographic thought	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Environment and pollution	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Geography of services	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Geography of seas and oceans	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	English	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Teaching applications	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Graduation research	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√

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

## Description

<b>1. Course Name:</b>	
Social geography	
<b>2. Course Code:</b>	
<b>3. Semester / Year:</b>	
Semester 1/ 2023-2024	
<b>4. Description Preparation Date:</b>	
17/9/2023	
<b>5. Available Attendance Forms:</b>	
Lectures	
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>	
45 hours/45 credits	
<b>7. Course administrator's name (mention all, if more than one name)</b>	
Name: Prof. saadon thaher khalef (PhD.) Email: : <a href="mailto:ed.saadoun.zahir@uoanbar.edu.iq">ed.saadoun.zahir@uoanbar.edu.iq</a>	
<b>8. Course Objectives</b>	
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>1- To know the concepts of individual differences in social geography.</li> <li>2- To learn about the modern development of social geography concepts.</li> <li>3- To understand how social customs affect...</li> <li>4- To understand how the social environment affects</li> </ul>
<b>9. Teaching and Learning Strategies</b>	
<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.

10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Receptivity and understanding	Learn what social geography is	The lecture	Oral and written tests
The second	2	Receive and discuss	History of social geography	The lecture	Oral and written tests
the third	2	Receive and discuss	Its founders and their participation in its emergence	The lecture	Exams
the fourth	2	Receive and discuss	The relationship of social sciences with other sciences	The lecture	Real-time tests
Fifth	2	Receive and discuss	What are the curricula he follows?	The lecture	the exams
The sixth	2	Receive and discuss	What are its branches?	The lecture	daily exams
The seventh	2	Receive and discuss	Knowledge of operations within cities	The lecture	Oral and written tests
The eighth	2	Receive and discuss	Study its schools Study of human	The lecture	Oral and written exams

The ninth	2	Receive and discuss	relations with the environment	The lecture	Exams
The tenth	2	Receive and discuss	Knowledge of the field of social geography	The lecture	exams
eleventh	2	Receive and discuss	Is migration a phenomenon or a result?	The lecture	exams
Twelfth	2	Receive and discuss	How did environmental problems arise?	The lecture	Exams
Thirteenth	2	Receive and discuss	Is urbanization one of the causes of social geography?	The lecture	Oral and written tests
fourteenth	2	Receive and discuss	How did you study social geography?	The lecture	Oral and written tests
Fifteenth	2	Receive and discuss	What are the factors affecting social customs?	The lecture	Exams

### 11. 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.

### 12. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Modeling and statistics by sami azia and ayad al Al-Tae
Main references (source)	Social geography.basim abd alziz



Recommended books and references (scientific journals, reports...)	Lectures on statistic
Electronic references, websites.	

## Course Description

13. Course Name:	
Geography of africa	
14. Course Code:	
15. Semester / Year:	
Semester 2/ 2023-2024	
16. Description Preparation Date:	
17/9/2023	
17. Available Attendance Forms:	
Lectures	
18. Number of Credit Hours (Total) / Number of Units (Total)	
45 hours/45 credits	
19. Course administrator's name (mention all, if more than one name)	
Name: Prof. DR. subhi ahmed muklif	
Email: : : <a href="mailto:ed.subhi.ahmed@uoanbar.edu.iq">ed.subhi.ahmed@uoanbar.edu.iq</a>	
20. Course Objectives	
<b>Course Objectives</b>	<p>1- - To know the concepts of individual differences.</p> <p>2- To learn about the geography of industry.</p> <ul style="list-style-type: none"> <li>• 3- To understand the geographical factors for the localization of the industry..</li> </ul>
21. Teaching and Learning Strategies	
<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.

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## 22. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	The borders of the Arab world	<b>The concept of industry geography</b>	The lecture	Oral and written tests
The second	2	Mountains in the Arab world	<b>Concepts and terminology</b>	The lecture	Oral and written tests
the third	2	Plains and plateaus	<b>Industrial patterns</b>	The lecture	Exams
the fourth	2	Climate in the Arab world	<b>Industrial planning</b>	The lecture	Oral and written tests
Fifth	2	Temperatures and rain	<b>The importance of planning</b>	The lecture	Exams
VI	2	Climatic regions	<b>Planning problems</b>	The lecture	Oral and written tests
Seventh	2	Soils, their types and distribution	<b>Industrial concentration</b>	The lecture	Exams
VIII	2	Water Resources	<b>Industrial diversity</b>	The lecture	Oral and written tests

The ninth	2	The Arab Levant collapsed	<b>Location theories</b>	The lecture	Exams
The tenth	2	The Maghreb collapse	<b>Weber's theory</b>	The lecture	the exams
eleventh	2	Economy of the Arab world	<b>Loesch's theory</b>	The lecture	the exams
twelveth	2	Agricultural Production	<b>industrial development</b>	The lecture	Exams
Thirteenth	2	Population	<b>Industrial pollution</b>	The lecture	Oral and written tests
fourteenth	2	Oil	<b>industrial development</b>	The lecture	Oral and written tests
Fifteenth	2	Transport	<b>Industrial pollution</b>	The lecture	Exams

### 23. 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.

### 24. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	G of Africa subhi ahmed muklef
Main references (source)	
Recommended books and references (scientific journals, reports...)	- Lectures on the geography of africa
Electronic references, websites.	

## Course Description

1. Course Name:	
cartography	
2. Course Code:	
G	
3. Semester / Year:	
Semester 1/ 2023-2024	
4. Description Preparation Date:	
17/9/2023	
5. Available Attendance Forms:	
Lectures	
6. Number of Credit Hours (Total) / Number of Units (Total)	
45 hours/45 credits	
7. Course administrator's name (mention all, if more than one name)	
Name: teacher asses. Falah husan saleem Email: : ed.falah.saleem@uoanbar.edu.iq	
8. Course Objectives	
<b>Course Objectives</b>	11-To know the concepts of the history of the appearance of the map.

- 2- To know the requirements of the map.
- 3- To understand the uses of the map.
- 4-To know the mechanism of drawing a map

### 9. Teaching and Learning Strategies

**Strategy**

Learning and teaching strategies and methods dependent in implementation of the program in general.

### 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Receptivity and understanding	The development of cartography	The lecture	
The second	3	Receive and discuss	Introduction to maps and cartography Traditional map	The lecture	
the third	3	Receive and discuss	production methods Traditional map	The lecture	
the fourth	3	Receive and discuss	specifications Methods of producing digital maps	The lecture	

Fifth	3	Receive and discuss	Aerial photography	The lecture	
The sixth	3	Receive and discuss	Drawing scale Types of	The lecture	
The seventh	3	Receive and discuss	drawing scales	The lecture	
The eighth	3	Receive and discuss	Ways to zoom in and out of the map	The lecture	
The ninth	3	Receive and discuss	Ways to find dimensions on maps	The lecture	
The tenth	3	Receive and discuss	dimensions on maps	The lecture	
eleventh	3	Receive and discuss	Ways to find spaces on maps	The lecture	
Twelfth	3	Receive and discuss	Squares method	The lecture	
Thirteenth	3	Receive and discuss	Slide method	The lecture	
fourteenth	3	Receive and discuss	Triangle method	The lecture	
Fifteenth	3	Receive and discuss	Simon's method	The lecture	Exams

## 11. Course Evaluation

2 exams 40mark and final exam 60mark

## 12. Learning and Teaching Resources

Required textbooks ( curricular books, if any)

Cartography.falah shaker aswad

Main references (source)

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

Electronic references, websites.	
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### Course Description

25. Course Name:
Geomorphology
26. Course Code:
27. Semester / Year:
Semester 1/ 2023-2024
28. Description Preparation Date:
17/9/2023
29. Available Attendance Forms:
Lectures
30. Number of Credit Hours (Total) / Number of Units (Total)
45 hours/45 credits

**31. Course administrator's name (mention all, if more than one name)**

Name: Asst. Prof. Khalid Sabbar Mohammed (PhD.)

Email: : [ed.khalid.sabar@uoanbar.edu.iq](mailto:ed.khalid.sabar@uoanbar.edu.iq)

**32. Course Objectives**

**Course Objectives**

- To understand how to realize the linguistic elements of the sentence in different functions.
- To know the basic patterns and elements of the sentence.
- To know how the sentence is formed and structured.

**33. Teaching and Learning Strategies**

**Strategy**

Learning and teaching strategies and methods dependent in implementation of the program in general.

**34. Course Structure**

<b>Week</b>	<b>Hours</b>	<b>Required Learning Outcomes</b>	<b>Unit or subject name</b>	<b>Learning method</b>	<b>Evaluation method</b>
the first	3	Receptivity and understanding	Introduction to theories of land surface sciences form and methods	The lecture	Oral and written tests
The second	3	Receive and discuss	information in geomorphology sources	The lecture	Oral and written tests
the third	3	Receive and discuss	Topographic phenomenon , the meanings and importance	The lecture	Exams
the fourth	3	Receive and discuss	modern technique	The lecture	Real-time tests
Fifth	3	Receive and discuss	Modern technolog (GIS)	The lecture	the exams
The sixth	3	Receive and discuss	Remote Sensing	The lecture	daily exams
The seventh	3	Receive and discuss	Field study	The lecture	Oral and written tests



The eighth	3	Receive and discuss	Geological concept	The lecture	Oral and written exams
The ninth	3	Receive and discuss	Geomorphologica consept	The lecture	Exams
The tenth	3	Receive and discuss	Soil description	The lecture	exams
eleventh	3	Receive and discuss	First Exam	The lecture	exams
Twelfth	3	Receive and discuss	Hydrological stud	The lecture	Exams
Thirteenth	3	Receive and discuss	study of slopes	The lecture	Oral and written tests
fourteenth	3	Receive and discuss	study of slope hazards	The lecture	Oral and written tests
Fifteenth	3	Receive and discuss	erosion and weathering processes	The lecture	Exams

### 35. 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.

### 36. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Quirk, Randolph, et al. "A grammar of contemporary English." (1972): 358-374.
Main references (source)	Quirk, Randolph. <i>A university grammar of Eng</i> Pearson Education India, 2016.
Recommended books and references (scientific journals, reports...)	<b>Lectures on Grammar</b>
Electronic references, websites.	

## Course Description

37. Course Name:	English headway Plus
38. Course Code:	

39. Semester / Year:					
Semester 1/ 2023-2024					
40. Description Preparation Date:					
17/9/2023					
41. Available Attendance Forms:					
Lectures					
42. Number of Credit Hours (Total) / Number of Units (Total)					
45 hours/45 credits					
43. Course administrator's name (mention all, if more than one name)					
Name: Asst. Prof. Khalid Sabbar Mohammed (PhD.)					
Email: : <a href="mailto:ed.khalid.sabar@uoanbar.edu.iq">ed.khalid.sabar@uoanbar.edu.iq</a>					
44. Course Objectives					
Course Objectives		<ul style="list-style-type: none"> <li>- To understand how to realize the linguistic elements of the sentence in different functions.</li> <li>- To know the basic patterns and elements of the sentence.</li> <li>- To know how the sentence is formed and structured.</li> </ul>			
45. Teaching and Learning Strategies					
Strategy		Learning and teaching strategies and methods dependent in implementation of the program in general.			
46. Course Structure					
Week	Hours	Required	Unit or subject	Learning	Evaluation

		<b>Learning Outcomes</b>	<b>name</b>	<b>method</b>	<b>method</b>
the first	3	Receptivity and understanding	Getting to know yo	The lecture	Oral and written tests
The second	3	Receive and discuss	The way we live	The lecture	Oral and written tests
the third	3	Receive and discuss	It all went wrong	The lecture	Exams
the fourth	3	Receive and discuss	Let's go shopping	The lecture	Real-time tests
Fifth	3	Receive and discuss	What do you want to do?	The lecture	the exams
The sixth	3	Receive and discuss	Tell me what's it like	The lecture	daily exams
The seventh	3	Receive and discuss	Present perfect and past simple.	The lecture	Oral and written tests
The eighth	3	Receive and discuss	Famous couples	The lecture	Oral and written exams
The ninth	3	Receive and discuss	Present perfect and past simple A-Time and conditional clauses	The lecture	Exams
The tenth	3	Receive and discuss	Present perfect and past simple A-Time and conditional clauses	The lecture	exams
eleventh	3	Receive and discuss	Verb patterns 2	The lecture	exams
Twelfth	3	Receive and discuss	Phrasal verbs	The lecture	Exams
Thirteenth	3	Receive and discuss	Social expressions (2).	The lecture	Oral and written tests
fourteenth	3	Receive and discuss	Reported statements	The lecture	Oral and written tests
Fifteenth	3	Receive and discuss	Past perfect	The lecture	Exams

#### 47. 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.

#### 48. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Headway plus- student book
Main references (source)	Internet lectures
Recommended books and references (scientific journals, reports...)	Lectures on Grammar- and Engl Skills
Electronic references, websites.	

## Course Description

49. Course Name:	
Computer skills	
50. Course Code:	
51. Semester / Year:	
Semester 1/ 2023-2024	
52. Description Preparation Date:	
17/9/2023	
53. Available Attendance Forms:	
Lectures	
54. Number of Credit Hours (Total) / Number of Units (Total)	
45 hours/45 credits	
55. Course administrator's name (mention all, if more than one name)	
Name: flath Mansour Mohamed Email: : <a href="mailto:flath1972@uoanbar.edu.iq">flath1972@uoanbar.edu.iq</a>	
56. Course Objectives	
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>- To understand how to realize the linguistic elements of the sentence in different functions.</li> <li>- To know the basic patterns and elements of the sentence.</li> <li>- To know how the sentence is formed and structured.</li> </ul>
57. Teaching and Learning Strategies	
<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.

## 58. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Receptivity and understanding	introduction to the Windows operating system and its history	The lecture	Oral and written tests
The second	2	Receive and discuss	Window operating system versions	The lecture	Oral and written tests
the third	2	Receive and discuss	What is a desktop screen?	The lecture	Exams
the fourth	2	Receive and discuss	What types of files	The lecture	Real-time tests
Fifth	2	Receive and discuss	Shortlists	The lecture	the exams
The sixth	2	Receive and discuss	Taskbar	The lecture	daily exams
The seventh	2	Receive and discuss	Start button shortcut menu	The lecture	Oral and written tests
The eighth	2	Receive and discuss	Local disks	The lecture	Oral and written exams
The ninth	2	Receive and discuss	First month exam	The lecture	Exams
The tenth	2	Receive and discuss	control panel	The lecture	exams
eleventh	2	Receive and discuss	System folders	The lecture	exams
Twelfth	2	Receive and discuss	Windows Management Tools folder	The lecture	Exams
Thirteenth	2	Receive and discuss	System Settings window	The lecture	Oral and written tests
fourteenth	2	Receive and discuss	Networks and the Internet	The lecture	Oral and written tests
Fifteenth	2	Receive and discuss	Keyboard shortcuts	The lecture	Exams

## 59. 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.

## 60. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Computer skills
Main references (source)	Comprehensive learning Operating system Win 10
Electronic references, websites.	

## Course Description

61. Course Name:	
Foundations and principles of education	
62. Course Code:	
EHS1102	
63. Semester / Year:	
Semester 1/ 2023-2024	
64. Description Preparation Date:	
17/9/2023	
65. Available Attendance Forms:	
Lectures	
66. Number of Credit Hours (Total) / Number of Units (Total)	
30 hours/30 credits	
67. Course administrator's name (mention all, if more than one name)	
Name: Dr. Ibrahim Jumaa Ibrahim Email: : ibrahim.jumaa@uoanbar.edu.iq	
68. Course Objectives	
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>• The student should know the concept of management.</li> <li>• 2. That the student can know the modern trends in management.</li> <li>• 3. That the student can know the patterns of school administration.</li> <li>• 4. That the student is able to apply the concepts and principles of management he has studied in professional work.</li> </ul>
69. Teaching and Learning Strategies	
<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.

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**70. Course Structure**

<b>Week</b>	<b>Hours</b>	<b>Required Learning Outcomes</b>	<b>Unit or subject name</b>	<b>Learning method</b>	<b>Evaluation method</b>
the first	3	Receptivity and understanding	The patterns of simple sentence	The lecture	Oral and written tests
The second	3	Receive and discuss	Complementation	The lecture	Oral and written tests
the third	3	Receive and discuss	Optional adverbials	The lecture	Exams
the fourth	2	Receptivity and understanding	The meaning and goals of education	The lecture	Exam + activity
Fifth	2	Receptivity and understanding	Educational necessities	The lecture	Exam + activity
The sixth	2	Receptivity and understanding	Women work at home and outside	The lecture	Exam + activity
The seventh	2	Receptivity and understanding	Wife's dowry	The lecture	Exam + activity
The eighth	2	Receptivity and understanding	Characteristics of education	The lecture	Exam + activity
The ninth	2	Receptivity and understanding	Historical foundations of education	The lecture	Exam + activity
The tenth	2	Receptivity and understanding	Education in ancient civilizations: Education in Mesopotamia	The lecture	Exam + activity
eleventh	2	Receptivity and understanding	Education among the ancient Egyptians	The lecture	Exam + activity
Twelfth	2	Receptivity and understanding	Chinese education	The lecture	Exam + activity
Thirteenth	2	Receive and discuss	Indian education	The lecture	Exam + activity
fourteenth	2	Receive and discuss	Greek education	The lecture	Exam + activity
Fifteenth	2	Receive and discuss	Islamic education	The lecture	Exam + activity

**71. 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.



72. Learning and Teaching Resources	
Required textbooks ( curricular books, if any)	Foundations and principles of education
Main references (source)	Foundations and principles of education, Faisal Abd Munshid Al-Shuwaili Émile Durkheim society a education.1999
Recommended books and references (scientific journals, reports...)	Lectures on Foundations a principles of education
Electronic references, websites.	

### Course Description

1. Course Name:	
General Arabic	
2. Course Code:	
3. Semester / Year:	
Semester 1/ 2023-2024	
4. Description Preparation Date:	
17/9/2023	
5. Available Attendance Forms:	
Lectures	
6. Number of Credit Hours (Total) / Number of Units (Total)	
45 hours/45 credits	
7. Course administrator's name (mention all, if more than one name)	
Name: Lecturer. Samar Shaker Rezaieg Email: <a href="mailto:samar.shaker@uoanbar.edu.iq">samar.shaker@uoanbar.edu.iq</a>	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> <li>• Developing students' skills in reading, listening, writing, and expressing classical Arabic.</li> <li>• That students become familiar with the foundations upon which their language is based at its four levels: sound, morphology, grammar, and</li> </ul>

	<p><b>semantics.</b></p> <p>•That the student understands how to perceive the elements of a linguistic sentence with multiple functions.</p> <p>For the student to become familiar with the concepts and grammatical elements of sentences in the Arabic language.</p>
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### 9. Teaching and Learning Strategies

<b>Strategy</b>	<p>Learning and teaching strategies and methods dependent in implementation of the program in general.</p>
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### 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Receptivity and understanding	Original and subsidiary parsing marks	The lecture	Oral and written tests
The second	3	Receive and discuss	The six nouns and their parsing conditions	The lecture	Oral and written tests
the third	3	Receive and discuss	The Arabic sentence and its types	The lecture	Exams
the fourth	3	Receive and discuss	The past tense and its grammatical signs: fatha, dhammah, and sukun	The lecture	Real-time tests
Fifth	3	Receive and discuss	The present tense verb and its grammatical cases: nominative, accusative, and jussive	The lecture	the exams

The sixth	3	Receive and discuss	The imperative verb and its four grammatical cases	The lecture	daily exams
The seventh	3	Receive and discuss	The subject and the deputy subject	The lecture	Oral and written tests
The eighth	3	Receive and discuss	Nominal sentence: subject and predicate	The lecture	Oral and written exams
The ninth	3	Receive and discuss	Kana and her sisters	The lecture	Exams
The tenth	3	Receive and discuss	Ena her sisters	The lecture	exams
eleventh	3	Receive and discuss	Literature: The poet Muhammad Mahdi Al-Jawahiri, his life, the poem (O Tigris of Goodness), and critical commentary	The lecture	exams
Twelfth	3	Receive and discuss	Ali Al-Sharqi, his life, poem (The Sword and the Pen), and critical commentary	The lecture	Exams
Thirteenth	3	Receive and discuss	The Diaspora School: The poet Mikhail Naima, his life, the poem (Close your eyelids and you will see), and the critical commentary	The lecture	Oral and written tests
fourteenth	3	Receive and discuss	Graphic interpretation of Surat Al-Kawthar	The lecture	Oral and written tests
Fifteenth	3	Receive and discuss	Graphic interpretation of Surat An-Nasr	The lecture	Exams

### 11. 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.

### 12. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	- Facilitator in the Arabic language for
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	non-specialization departments Ziad Tariq Shuli
Main references (source)	General Arabic language for non-specialization departments, Abdul Qad Hassan Amin
Recommended books and references (scientific journals, reports...)	1- Arabic literature 2- Graphic interpretation of the surahs of the Holy Qur'an 3- Easy grammar
Electronic references, websites.	

## Course Description

1. Course Name:
Application climate
2. Course Code:
3. Semester / Year:
Semester 1/ 2023-2024
4. Description Preparation Date:
17/9/2023
5. Available Attendance Forms:
Lectures
6. Number of Credit Hours (Total) / Number of Units (Total)
45 hours/45 credits

## 7. Course administrator's name (mention all, if more than one name)

Name: Prof. nather sabbar hamed (PhD.)

Email: : [ed.natheer.sbbar@uoanbar.edu.iq](mailto:ed.natheer.sbbar@uoanbar.edu.iq)

## 8. Course Objectives

### Course Objectives

1- To know the concepts of climate science.

2- To learn about the modern development of climate science.

3- To understand how climate factors affect climate change

## 9. Teaching and Learning Strategies

### Strategy

Learning and teaching strategies and methods dependent in implementation of the program in general.

## 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Receptivity and understanding	<b>Introduction to climatology and its branches</b>	The lecture	Oral and written tests
The second	2	Receive and discuss	<b>Stages of development of climatology</b>	The lecture	Oral and written tests
the third	2	Receive and discuss	<b>Fields of climate science</b>	The lecture	Exams
the fourth	2	Receive and discuss	<b>Layers of the atmosphere</b>	The lecture	Real-time tests
Fifth	2	Receive and discuss	<b>Climatological measuring devices</b>	The lecture	the exams
The sixth	2	Receive and discuss	<b>Measurement of solar radiation</b>	The lecture	daily exams
The seventh	2	Receive and discuss	<b>Radiation budget</b>	The lecture	Oral and written tests
The eighth	2	Receive and discuss	<b>Evaporation measurement</b>	The lecture	Oral and written exams

The ninth	2	Receive and discuss	<b>Climate and vegetation</b>	The lecture	Exams
The tenth	2	Receive and discuss	<b>Climate, soil and agriculture</b>	The lecture	exams
eleventh	2	Receive and discuss	<b>Urban climate and we develop its study</b>	The lecture	exams
Twelfth	2	Receive and discuss	<b>Climate extremes</b>	The lecture	Exams
Thirteenth	2	Receive and discuss	<b>Global Warming</b>	The lecture	Oral and written tests
fourteenth	2	Receive and discuss	<b>The nature of climate change</b>	The lecture	Oral and written tests
Fifteenth	2	Receive and discuss	<b>Climate change, past and present</b>	The lecture	Exams

### 11. 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.

### 12. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Climatology, written by Adel Saeed Al-Rawi and Qusay Abdul Majeed Al-Samarrai
Main references (source)	. Application climate Qusay Abdul Majeed Samarrai
Recommended books and references (scientific journals, reports...)	<b>Lectures on Climatology</b>
Electronic references, websites.	

## Course Description

13. Course Name:	Geography of Australia
14. Course Code:	G1202
15. Semester / Year:	Semester 2/ 2023-2024
16. Description Preparation Date:	

25/2/2023

17. Available Attendance Forms:

Lectures

18. Number of Credit Hours (Total) / Number of Units (Total)

45 hours/45 credits

19. Course administrator's name (mention all, if more than one name)

Name: Asst. Prof. Mohanad Abed Hammad (PhD.)

Email: : [mohanadhammad@uoanbar.edu.iq](mailto:mohanadhammad@uoanbar.edu.iq)

20. Course Objectives

Course Objectives

- To know the concepts of Australian history.
- To learn about continental affairs.
- To understand how climate affects human activities.
- To understand how you want wealth to distribute the population.
- To learn about economic activities

21. Teaching and Learning Strategies

Strategy

Learning and teaching strategies and methods dependent in implementation of the program in general.

22. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Receptivity and understanding	History of the discovery of Australia	History of the discovery of Australia	History of the discover of Australia
The second	3	Receive and discuss	Space, location and shape	Space, location and shape	Space, location and shape
the third	3	Receive and discuss	Geological structure	Geological structure	Geological structure
the fourth	3	Receive and discuss	Landforms	Landforms	Landforms
Fifth	3	Receive and discuss	the climate	the climate	the climate

VI	3	Receive and discuss	the soil	the soil	the soil
Seventh	3	Receive and discuss	Water Resources	Water Resources	Water Resources
VIII	3	Receive and discuss	Natural plants and forests	Natural plants and forests	Natural plants and forests
The ninth	3	Receive and discuss	Population	Population	Population
The tenth	3	Receive and discuss	Agriculture	Agriculture	Agriculture
eleventh	3	Receive and discuss	Industry	Industry	Industry
twelveth	3	Receive and discuss	Mineral resources	Mineral resource	Mineral resources
Thirteenth	3	Receive and discuss	Transport	Transport	Transport
fourteenth	3	Receive and discuss	commerce	commerce	commerce
Fifteenth	3	Receive and discuss	Australian states	Australian states	Australian states

### 23. 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.

### 24. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Geography of Australia by Shakir Al.aswed
Main references (source)	Geography of Australia by sobhi Ahmed
Recommended books and references (scientific journals, reports...)	Lectures of Australia
Electronic references, websites.	

## Course Description



25. Course Name:	
Remote Sensing	
26. Course Code:	
G1203	
27. Semester / Year:	
Semester 2/ 2023-2024	
28. Description Preparation Date:	
17/9/2023	
29. Available Attendance Forms:	
Lectures	
30. Number of Credit Hours (Total) / Number of Units (Total)	
45 hours/45 credits	
31. Course administrator's name (mention all, if more than one name)	
Name: mu.m. kamal Abed Alah alah Email: kamal_algayssi@uoanbar.edu.iq	
32. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> <li>• taerif altalabat bimafhum alaistishear wamusadarat wainwae alaistishear wanabdhih tarikhiat ean alaistishear ean bued</li> <li>• – muhawalat aysal almadat bi'ashal alturuq, wanashr thaqafat altaealum alalkutrunii ( altaealum ean buedu)</li> <li>• – astieab muyulat altalabat fi alayadah, wakashf alfuruq alfardiat waltaearuf ealayha, wamuhawalat altaeamul maeaha bidiqatin.</li> <li>• –tamikin altalabat min altatbiq aleamalii libaramij nazam almaelumat aljughrafia</li> </ul>
33. Teaching and Learning Strategies	
Strategy	aistiratijiaat watarayiq altaelim waltaealum almuetamadat fi tanfi albarnamaj bishakl eamin minha taklif altaalib bibaed al'anishi walwajibat aljamaeiati. takhsis nisbat min aldarajat lilwajibat alyawmiat walaikhtibarat
34. Course Structure	

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Receptivity and understanding	muqadimat fi alaistishear ean bued	The lecture	aliaikhtibarat alshafawiat waltahriria
The second	3	Receive and discuss	nabdah tarikhia ean alaistishear ean bued	The lecture	aliaikhtibarat alshafawiat waltahriria
the third	3	Receive and discuss	aniwae aliaistishear ean bued watiqniatiha	The lecture	alaimtihanat
the fourth	3	Receive and discuss	masadir almaelumat fi alaistishear ean bued	The lecture	alaikhtibarat alania
Fifth	3	Receive and discuss	masadir aliaistishear alfutughrafia	The lecture	alaikhtibarat
VI	3	Receive and discuss	masadir aliaistishear ghayr alfutughrafia	The lecture	alaimtihanat alyawmia
Seventh	3	Receive and discuss	ainawae ajahazat altaswir alfadayiyi	The lecture	aliaikhtibarat alshafawiat waltahriria
VIII	3	Receive and discuss	muasafat alsuwrat alfadayiyat wamuealajat alsuwar	The lecture	aliaikhtibarat alshafawiat waltahriria
The ninth		Receive and discuss	khasayis alaiqmar alsinaeia	The lecture	alaimtihanat
The tenth	3	Receive and discuss	masadir muetayat alaistishear ean bued	The lecture	alaikhtibarat
eleventh	3	Receive and discuss	muetayat alqamar aliastinae Land sat 7	The lecture	alaikhtibarat
twelveth	3	Receive and discuss	) muetayat alqamar aliastinaeii Quick bird 2	The lecture	alaimtihanat
Thirteenth	3	Receive and discuss	muetayat alqamar aliastinae IKonos 1	The lecture	aliaikhtibarat alshafawiat waltahriria
fourteenth	3	Receive and discuss	tafsir alsuwar alfadayiyat 1- altafsir albasariu	The lecture	aliaikhtibarat alshafawiat waltahriria
Fifteenth	3	Receive and discuss	altafsir alraqamii w tatbiqat alaistishear ean bued	The lecture	alaimtihanat

### 35. 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.

### 36. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	aliaistishear ean bueda/ almamlakat alearabiat alsaediati/ almuasasat aleamat liltaelim lifaniy waltadrib almihni
Main references (source)	muqadimat fi alaistishear ean bueda. da. jumeat dawud
Recommended books and references (scientific journals, reports...)	
Electronic references, websites.	

## Course Description

37. Course Name:	
Geomorphology	
38. Course Code:	
39. Semester / Year:	
Semester 1/ 2023-2024	
40. Description Preparation Date:	
17/9/2023	
41. Available Attendance Forms:	
Lectures	
42. Number of Credit Hours (Total) / Number of Units (Total)	
45 hours/45 credits	
43. Course administrator's name (mention all, if more than one name)	
Name: Asst. Prof. Khalid Sabbar Mohammed (PhD.) Email: : <a href="mailto:ed.khalid.sabar@uoanbar.edu.iq">ed.khalid.sabar@uoanbar.edu.iq</a>	
44. Course Objectives	
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>- To understand how to realize the linguistic elements of the sentence in different functions.</li> <li>- To know the basic patterns and elements of the sentence.</li> <li>- To know how the sentence is formed and structured.</li> </ul>
45. Teaching and Learning Strategies	
<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.

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#### 46. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Receptivity and understanding	Introduction to theories of land surface sciences form and methods	The lecture	Oral and written tests
The second	3	Receive and discuss	information in geomorphology sources	The lecture	Oral and written tests
the third	3	Receive and discuss	Topographic phenomenon , the meanings and importance	The lecture	Exams
the fourth	3	Receive and discuss	modern technique	The lecture	Real-time tests
Fifth	3	Receive and discuss	Modern technology (GIS)	The lecture	the exams
The sixth	3	Receive and discuss	Remote Sensing	The lecture	daily exams
The seventh	3	Receive and discuss	Field study	The lecture	Oral and written tests
The eighth	3	Receive and discuss	Geological concept	The lecture	Oral and written exams
The ninth	3	Receive and discuss	Geomorphologica concept	The lecture	Exams
The tenth	3	Receive and discuss	Soil description	The lecture	exams
eleventh	3	Receive and discuss	First Exam	The lecture	exams
Twelfth	3	Receive and discuss	Hydrological stud	The lecture	Exams
Thirteenth	3	Receive and discuss	study of slopes	The lecture	Oral and written tests
fourteenth	3	Receive and discuss	study of slope hazards	The lecture	Oral and written tests
Fifteenth	3	Receive and discuss	erosion and weathering processes	The lecture	Exams

#### 47. 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.

#### 48. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Quirk, Randolph, et al. "A grammar of contemporary English." (1972): 358-374.
Main references (source)	Quirk, Randolph. <i>A university grammar of Eng</i> Pearson Education India, 2016.

Recommended books and references (scientific journals, reports...)	Lectures on Grammar
Electronic references, websites.	

### Course Description

1. Course Name:	
Biogeography	
2. Course Code:	
3. Semester / Year:	
Semester 1/ 2023-2024	
4. Description Preparation Date:	
17/9/2023	
5. Available Attendance Forms:	
Lectures	
6. Number of Credit Hours (Total) / Number of Units (Total)	
45 hours/45 credits	
7. Course administrator's name (mention all, if more than one name)	
Name: Prof. saadon thaher khalef (PhD.) Email: : <a href="mailto:ed.saadoun.zahir@uoanbar.edu.iq">ed.saadoun.zahir@uoanbar.edu.iq</a>	
8. Course Objectives	
Course Objectives	1- To know the concepts of life.

- 2- To learn about development in biogeography.
- 3- To understand how the environment affects the elements of life

### 9. Teaching and Learning Strategies

<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.
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### 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Receptivity and understanding	Introduction to biogeography	The lecture	Oral and written tests
The second	2	Receive and discuss	Definition of biogeography and its development	The lecture	Oral and written tests
the third	2	Receive and discuss	Its methods and its relationship with other sciences	The lecture	Exams
the fourth	2	Receive and discuss	Plant life and the foundations of classification of plant organisms	The lecture	Real-time tests

Fifth	2	Receive and discuss	Factors that control the distribution of vegetation	The lecture	the exams
The sixth	2	Receive and discuss	- Human factors Patterns of plant groups and their animals	The lecture	daily exams
The seventh	2	Receive and discuss	Plant biorelationship,	The lecture	Oral and written tests
The eighth	2	Receive and discuss	ecological and biological concepts	The lecture	Oral and written exams
The ninth	2	Receive and discuss	Animal queen	The lecture	Exams
The tenth	2	Receive and discuss	animal species	The lecture	exams
eleventh	2	Receive and discuss	Animal relations	The lecture	exams
Twelfth	2	Receive and discuss	Animal spread	The lecture	Exams
Thirteenth	2	Receive and discuss	Some aspects of animal	The lecture	Oral and written tests
fourteenth	2	Receive and discuss	adaptation Animal	The lecture	Oral and written tests
Fifteenth	2	Receive and discuss	importance	The lecture	Exams

## 11. Course Evaluation

2 exams 40mark and final exam 60mark

## 12. Learning and Teaching Resources

Required textbooks ( curricular books, if any)

Biogeography

Main references (source)

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

Lectures on Biogeography

Electronic references, websites.	
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### Course Description

49. Course Name:	Geography of dry regions
50. Course Code:	G1206
51. Semester / Year:	Semester 2/ 2023-2024
52. Description Preparation Date:	2024 /2 /17
53. Available Attendance Forms:	Lectures
54. Number of Credit Hours (Total) / Number of Units (Total)	45 hours/45 credits
55. Course administrator's name (mention all, if more than one name)	Name: Asst. Prof. Ali Khalil Kalaf (PhD.) Email: <a href="mailto:ed.ali.khalil@uoanbar.edu.iq">ed.ali.khalil@uoanbar.edu.iq</a>



## 56. Course Objectives

<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>• The student should know the concepts of drought.</li> <li>• To familiarize the student with the modern development of arid regionology.</li> <li>• The student understands how climate affects drought.</li> <li>• The student understands how the environment affects drought.</li> <li>• The student will be introduced to the drought map.</li> </ul>
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## 57. Teaching and Learning Strategies

<b>Strategy</b>	<ul style="list-style-type: none"> <li>• Discussion method.</li> <li>• Brainstorming method.</li> <li>• Problem solving method.</li> <li>• Active learning methods</li> <li>• Cooperative learning methods</li> <li>• Method of delivery and reception</li> <li>• Assigning the student some group activities and duties.</li> <li>•</li> </ul>
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## 58. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	and Receiving understanding	Definition of drought	Lecture	Oral and written exams
The second	2	and Reception discussion	Drought identification and classification	Lecture	Oral and written exams
the third	2	and Reception discussion	Causes of dehydration	Lecture	Oral and written exams
the fourth	2	and Reception discussion	Desertification concept and causes	Lecture	Oral and written exams
Fifth	2	and Reception discussion	Deserts and their types	Lecture	Oral and written exams
VI	2	and Reception discussion	Geomorphology of dry regions	Lecture	Oral and written exams
Seventh	2	and Reception discussion	Climate elements in dry regions	Lecture	Oral and written exams
VIII	2	and Reception discussion	Water Resources in Arid Regions	Lecture	Oral and written exams
The ninth	2	and Reception discussion	Bioecology in dry regions	Lecture	Oral and written exams
The tenth	2	and Reception discussion	Agriculture in dry regions	Lecture	Oral and written exams
eleventh	2	and Reception discussion	Grazing in dry regions	Lecture	Oral and written exams
twelveth	2	and Reception discussion	Mining activities in dry regions	Lecture	Oral and written exams
Thirteenth	2	and Reception discussion	Human beings in dry regions	Lecture	Oral and written exams

fourteenth	2	and Reception discussion	Drought coping methods	Lecture	Oral and written exams
Fifteenth	2	and Reception discussion	The future of drylands	Lecture	Oral and written exams
<b>59. Course Evaluation</b>					
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.					
<b>60. Learning and Teaching Resources</b>					
Required textbooks ( curricular books, if any)			None		
Main references (source)			Mansour Hamdi Abu Ali ,Geography of the Dry Areas .Hassan Ramadan Salameh ,geography of dry regions .Kenit and the Ton ,Dry Lands ,translated by :Ali Abd al-Wahhab Shaheen.1990 ,		
Recommended books and references (scientific journals, reports...)			Qusay Abdul Majeed Al-Samarrai and Abed Makhour Najm Al-Rihani ,Drylands Geography . Nawzad Abdul Rahman Al-Hiti and Haseeb Abdullah Al-Shammari ,Desertification :Challenge and Response .M'hamed Ayad Maqili ,The dangers of drought and desertification and their associated phenomena .Sabri Fares Al-Hiti ,Desertification is a concept ,its causes ,its risks ,its control.		
Electronic references, websites.					

## Course Description

<b>61. Course Name:</b>
The history of Iraq and the ancient Arab world
<b>62. Course Code:</b>
<b>63. Semester / Year:</b>
Semester 2/ 2023-2024
<b>64. Description Preparation Date:</b>
17/9/2023
<b>65. Available Attendance Forms:</b>
Lectures
<b>66. Number of Credit Hours (Total) / Number of Units (Total)</b>
30 hours/30 credits

**67. Course administrator's name (mention all, if more than one name)**

Name: Dr. Ahmed mahmood hamood

Email: [ahmed.m.h@uoanbar.edu.iq](mailto:ahmed.m.h@uoanbar.edu.iq)

**68. Course Objectives**

**Course Objectives**

- Informing students about human rights in ancient, medieval, and modern times
- Developing the student's cultural awareness
- Informing the student about the experiences of nations and the most important international resolutions, charters and instruments.

**69. Teaching and Learning Strategies**

**Strategy**

Learning and teaching strategies and methods dependent in implementation of the program in general.

**70. Course Structure**

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Receptivity and understanding	The concept of general history The concept of ancient history Its objectives and benefits	The lecture	Oral and written tests
The second	2	Receive and discuss	Sources for studying history Old Iraq	The lecture	Oral and written tests
the third	2	Receive and discuss	Geographical location And its impact on development Mesopotamian civilization	The lecture	Exams
the fourth	2	Receive and discuss	Cultural roles Before times History, era Old Stone	The lecture	Oral and written tests
Fifth	2	Receive and discuss	stone Age The mediator, th era Neolithic	The lecture	Oral and written tests
VI	2	Receive and discuss	- stone Age Metal	The lecture	Exams
Seventh	2	Receive and discuss	The era of discovery of writing And the beginning	The lecture	Oral and written tests

			of the ages Historical		
VIII	2	Receive and discuss	The concept of general history	The lecture	Oral and written tests
The ninth	2	Receive and discuss	The concept of ancient history	The lecture	Exams
The tenth	2	Receive and discuss	Its objectives and benefits	The lecture	the exams
eleventh	2	Receive and discuss	Cities of ancient Iraqi civilization	The lecture	the exams
twelveth	2	Receive and discuss	Ancient civilization in the Nile Valley	The lecture	Exams
Thirteenth	2	Receive and discuss	Manifestations of civilization in the Nile Valley	The lecture	Oral and written tests
fourteenth	2	Receive and discuss	The political and economic system in the Nile Valley	The lecture	Oral and written tests
Fifteenth	2	Receive and discuss	The final test	The lecture	Exams

### 71. 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.

### 72. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Taha Baqir, Introduction to the History of Ancient Civilizations
Main references (source)	
Recommended books and references (scientific journals, reports...)	Amer Suleiman and Ahmed Malik Al-Fatayan. Lectures on ancient history
Electronic references, websites.	

## Course Description

73. Course Name:
Contemporary English Grammar
74. Course Code:

75. Semester / Year:

Semester 2/ 2023-2024

76. Description Preparation Date:

17/9/2023

77. Available Attendance Forms:

Lectures

78. Number of Credit Hours (Total) / Number of Units (Total)

30 hours/30 credits

79. Course administrator's name (mention all, if more than one name)

Name: Asst. Doctor teacher . Salam Ssbbar Malik

Email: : [ssmalak@uoanbar.edu.iq](mailto:ssmalak@uoanbar.edu.iq)

80. Course Objectives

Course Objectives

- - That the student understands educational psychology.
- • For the student to become familiar with the ancient and modern schools of psychology.
- • That the student understands the role of educational psychology in the educational process.

81. Teaching and Learning Strategies

Strategy

Learning and teaching strategies and methods dependent in implementation of the program in general.

82. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Receptivity and understanding	What is psychology?	The lecture	Oral and written tests
The second	2	Receive and discuss	The scientific	The lecture	Oral and written tests

			method, behavior, and its characteristics		
the third	2	Receive and discuss	Willingness, ability, experience	The lecture	Exams
the fourth	2	Receive and discuss	Areas of Psychology (Schools of Psychology)	The lecture	Exams
Fifth	2	Receive and discuss	Research methods in psychology	The lecture	Exams
VI	2	Receive and discuss	Educational psychology	The lecture	Exams
Seventh	2	Receive and discuss	Educational goals	The lecture	Exams
VIII	2	Receive and discuss	Motivation in learning	The lecture	Exams
The ninth	2	Receive and discuss	Sensation, attention and perception	The lecture	Exams
The tenth	2	Receive and discuss	Memory or the process of remembering	The lecture	the exams
eleventh	2	Receive and discuss	Forgetting	The lecture	the exams
twelveth	2	Receive and discuss	Thinking	The lecture	Exams
Thirteenth	2	Receive and discuss	thinking skills	The lecture	Oral and written tests
fourteenth	2	Receive and discuss	Thinking styles	The lecture	Oral and written tests
Fifteenth	2	Receive and discuss	Thinking education programmes	The lecture	Exams

### 83. 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.

### 84. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Educational Psychology by Mahmoud Abdel Ha Mansi
Main references (source)	
Recommended books and references (scientific journals, reports...)	Educational Psychology by Abdel Majeed Nashawa
Electronic references, websites.	

## Course Description

1. Course Name:	
Application climate	
2. Course Code:	
3. Semester / Year:	
Semester 1/ 2023-2024	
4. Description Preparation Date:	
17/9/2023	
5. Available Attendance Forms:	
Lectures	
6. Number of Credit Hours (Total) / Number of Units (Total)	
45 hours/45 credits	
7. Course administrator's name (mention all, if more than one name)	
Name: Prof. nather sabbar hamed (PhD.) Email: : <a href="mailto:ed.nather.sabbar@uoanbar.edu.iq">ed.nather.sabbar@uoanbar.edu.iq</a>	
8. Course Objectives	
<b>Course Objectives</b>	<ul style="list-style-type: none"><li>. 1- To know the concepts of applied climate.</li><li>2- To learn about the modern development of climate science.</li><li>3- To understand how climate factors affect human activities</li></ul>
9. Teaching and Learning Strategies	
<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.

## 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Receptivity and understanding	Definition of applied climatology	The lecture	Oral and written tests
The second	2	Receive and discuss	Branches of applied climatology	The lecture	Oral and written tests
the third	2	Receive and discuss	The development and emergence of applied climatology	The lecture	Exams
the fourth	2	Receive and discuss	Recent trends in the study of applied climate	The lecture	Real-time tests
Fifth	2	Receive and discuss	Measuring climate information	The lecture	the exams
The sixth	2	Receive and discuss	Climatic stations and their types	The lecture	daily exams
The seventh	2	Receive and discuss	Evaporation measurement	The lecture	Oral and written tests
The eighth	2	Receive and discuss	Measurement of dehydration	The lecture	Oral and written exams
The ninth	2	Receive and discuss	Measurement of solar	The lecture	Exams



			radiation		
The tenth	2	Receive and discuss	Temperature measurement	The lecture	exams
eleventh	2	Receive and discuss	Rain measurement	The lecture	exams
Twelfth	2	Receive and discuss	Wind measurement Humidity	The lecture	Exams
Thirteenth	2	Receive and discuss	measurement The concept of drought and its types	The lecture	Oral and written tests
fourteenth	2	Receive and discuss	Equations to measure	The lecture	Oral and written tests
Fifteenth	2	Receive and discuss	drought and climate water budget	The lecture	Exams

### 11. 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.

### 12. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Application climate Ladel al rawi
Main references (source)	.
Recommended books and references (scientific journals, reports...)	Lectures on Application climate
Electronic references, websites.	

## Course Description

<b>1. Course Name:</b>	
Geographic Europe	
<b>2. Course Code:</b>	
G	
<b>3. Semester / Year:</b>	
Semester 1/ 2023-2024	
<b>4. Description Preparation Date:</b>	
17/9/2023	
<b>5. Available Attendance Forms:</b>	
Lectures	
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>	
45 hours/45 credits	
<b>7. Course administrator's name (mention all, if more than one name)</b>	
Name: Prof. DR. qusi abd husen Email: : ed.qusi.abd@uoanbar.edu.iq	
<b>8. Course Objectives</b>	
<b>Course Objectives</b>	1-To know concepts about the geography of Europe. 2- To learn about the development of the regions of Europe. 3- To understand how geographical factors affect
<b>9. Teaching and Learning Strategies</b>	
<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.

10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Receptivity and understanding	<b>Introduction to the European continent</b>	The lecture	
The second	3	Receive and discuss	<b>Natural characteristics of the European continent</b>	The lecture	
the third	3	Receive and discuss	<b>Location and space</b>	The lecture	
the fourth	3	Receive and discuss	<b>Surface partition</b>	The lecture	
Fifth	3	Receive and discuss	<b>Water Resources</b>	The lecture	
The sixth	3	Receive and discuss	<b>Climate of the continent of Europe</b>	The lecture	
The seventh	3	Receive and discuss	<b>the soil</b>	The lecture	
The eighth	3	Receive and discuss	<b>Human characteristics of the European continent</b>	The lecture	
The ninth	3	Receive and discuss	<b>Evolution of the continent's population</b>	The lecture	
The tenth	3	Receive and discuss	<b>Culture and linguistic diversit</b>	The lecture	
eleventh	3	Receive and discuss	<b>Religions in Europe</b>	The lecture	
Twelfth	3	Receive and discuss	<b>Economic activit in Europe</b>	The lecture	
Thirteenth	3	Receive and discuss	<b>Agriculture in Europe</b>	The lecture	
fourteenth	3	Receive and discuss	<b>Industry in Europe</b>	The lecture	
Fifteenth	3	Receive and discuss	<b>Energy (coal, oil and gas)</b>	The lecture	Exams

### 11. 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.

### 12. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Geographic orasia
Main references (source)	
Recommended books and references (scientific journals, reports...)	
Electronic references, websites.	

## Course Description

85. Course Name:	
Geographical Techniques	
86. Course Code:	
G 2103	
87. Semester / Year:	
Semester 1/ 2023-2024	
88. Description Preparation Date:	
2023/9/17	
89. Available Attendance Forms:	
Lectures	
90. Number of Credit Hours (Total) / Number of Units (Total)	
45 hours/45 credits	
91. Course administrator's name (mention all, if more than one name)	
Name: Asst. Prof. Ali Khalil Kalaf (PhD.) Email: <a href="mailto:ed.ali.khalil@uoanbar.edu.iq">ed.ali.khalil@uoanbar.edu.iq</a>	
92. Course Objectives	
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>• Make the student able to know the basic principles of modern geographical techniques.</li> <li>• Make the student able to identify the advantages and disadvantages of modern geographical techniques.</li> <li>• Make the student able to show the steps of the process in modern geographical techniques.</li> <li>• Make the student able to show the steps of the process on actual exercises in modern geographical techniques.</li> <li>• Make the student able to plan to use modern geographical techniques.</li> <li>• Make the student able to be able to evaluate the use of modern geographical techniques.</li> </ul>

### 93. Teaching and Learning Strategies

<b>Strategy</b>	<ul style="list-style-type: none"> <li>• Discussion method.</li> <li>• Brainstorming method.</li> <li>• Problem solving method.</li> <li>• Active learning methods</li> <li>• Cooperative learning methods</li> <li>• Method of delivery and reception</li> <li>• Assigning the student some group activities and duties.</li> </ul>
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### 94. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	4	Receiving and understanding	of concept The geographical modern technologies	Lecture and method discussion method	written and Oral exams
The second	4	Reception and discussion	sensing Remote	Lecture and method discussion method	Oral and written exams
the third	4	Reception and discussion	GPS	Lecture and method discussion method	Oral and written exams
the fourth	4	Reception and discussion	GIS	Lecture and method discussion method	Oral and written exams
Fifth	4	Reception and discussion	Definition of Arc G.I.S.	Lecture and method discussion method	Oral and written exams
VI	4	Reception and discussion	Georeferenced	Lecture and method discussion method	Oral and written exams
Seventh	4	Reception and discussion	Use Arc G.I.S.	Lecture and method discussion method	Oral and written exams
VIII	4	Reception and discussion	Create geodatabases	Lecture and method discussion method	Oral and written exams
The ninth	4	Reception and discussion	Numbering of cartographic	Lecture and method	Oral and written exams

			databases of all kinds	discussion method	
The tenth	4	Reception and discussion	Add data and metadata	Lecture and method discussion method	Oral and written exams
eleventh	4	Reception and discussion	Maps Distributions	Lecture and method discussion method	Oral and written exams
twelveth	4	Reception and discussion	Take out the map and add its typical basics	Lecture and method discussion method	Oral and written exams
Thirteenth	4	Reception and discussion	Metadata analysis	Lecture and method discussion method	Oral and written exams
fourteenth	4	Reception and discussion	Working with charts	Lecture and method discussion method	Oral and written exams
Fifteenth	4	Reception and discussion	Discussion of reports and practical applications	Lecture and method discussion method	For oral exams

### 95. 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.

### 96. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	None
Main references (source)	Iyad Ashour Hamza Al-Taie and Thaer Mazhar Fahmi Al-Azzawi ,Modern Technologies in Geography , Amman ,Dar Al-Jinan for Publishing and Distribution .2013
Recommended books and references (scientific journals, reports...)	Ali Abed Abbas Al-Azzawi ,Ahed Thanoun Al-Hamam and Omar Abdullah Al-Qassab ,Geographical Technologies :Foundations and Applications1 ,st Edition ,Dar Safaa for Publishing and Distribution , Amman .2017 ,Juma Mohammed Dawood , Introduction to Digital Maps ,Makkah ,Saudi Arabia .2012Juma Mohammed Dawood ,Geomatics Geoinformatics ,Makkah ,Saudi Arabia .2014 ,Rasha Saber Abdel Qawi Nofal ,Drawing and Analysis in Arc GIS Desktop 10.3 Manual ,Parts I and II ,Menoufia University ,Faculty of Arts.2017 ,
Electronic references, websites.	

## Course Description

1. Course Name:	
Population geography	
2. Course Code:	
3. Semester / Year:	
Semester 1/ 2023-2024	
4. Description Preparation Date:	
17/9/2023	
5. Available Attendance Forms:	
Lectures	
6. Number of Credit Hours (Total) / Number of Units (Total)	
45 hours/45 credits	
7. Course administrator's name (mention all, if more than one name)	
Name: Prof. Iyad Muhammad Mukhlif (PhD.) Email: : : <a href="mailto:ed.iyad.mohammed@uoanbar.edu.iq">ed.iyad.mohammed@uoanbar.edu.iq</a>	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> <li>- That the student understands the nature of population geography and its topics.</li> <li>-The student will be familiar with the geographical distribution of population globally, continentally and regionally.</li> </ul>

- To understand trends in future demographic characteristics of the world population.

## 9. Teaching and Learning Strategies

<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.
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## 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Receptivity and understanding	The emergence of population geography and its relationship to other sciences	The lecture	Oral and written tests
The second	3	Receive and discuss	Statistical sources for studying population geography	The lecture	Oral and written tests
the third	3	Receive and discuss	World population growth	The lecture	Exams
the fourth	3	Receive and discuss	Population growth, method for measuring it, controls affecting it, and population projections	The lecture	Real-time tests
Fifth	3	Receive and discuss	Stages of population growth	The lecture	the exams
The sixth	3	Receive and discuss	Factors affecting population growth and births (measuring them and factors affecting their variation)	The lecture	daily exams
The seventh	3	Receive and discuss	Factors affecting population growth Mortality (measurement and factors affecting its variation)	The lecture	Oral and written tests
The eighth	3	Receive and discuss	Factors affecting population growth Immigration (measuring it and factors affecting its variation)	The lecture	Oral and written exams
The ninth	3	Receive and discuss	Population growth in the Arab world	The lecture	Exams
The tenth	3	Receive and discuss	Population growth in Iraq	The lecture	exams
eleventh	3	Receive and discuss	Geographical distribution of population and factors	The lecture	exams



			affecting it		
Twelfth	3	Receive and discuss	The demographic transition and its stages of development	The lecture	Exams
Thirteenth	3	Receive and discuss	Population structure and composition	The lecture	Oral and written tests
fourteenth	3	Receive and discuss	Population and economic resources	The lecture	Oral and written tests
Fifteenth	3	Receive and discuss	Human Development	The lecture	Exams

### 11. 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.

### 12. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	-Geography of fixed and shifting populations. Ali Labib
Main references (source)	- Population Geography Part 1 and 2 A. Dr.. Abi Fadel Al-Saadi - Population Geography Dr. Taha Hammadi Hadithi
Recommended books and references (scientific journals, reports...)	Data from the World Bank and the United Nations Population Fund
Electronic references, websites.	<a href="https://population.un.org/dataportal/hc?df=4e822b0e-6345-49b9-b12b-8eafb9c20829">https://population.un.org/dataportal/hc?df=4e822b0e-6345-49b9-b12b-8eafb9c20829</a>

## Course Description

97. Course Name:	Applied Geomorphology
98. Course Code:	
99. Semester / Year:	Semester 2/ 2023-2024
100. Description Preparation Date:	17/9/2023
101. Available Attendance Forms:	Lectures
102. Number of Credit Hours (Total) / Number of Units (Total)	45 hours/45 credits
103. Course administrator's name (mention all, if more than one name)	Name: Asst. Prof. Khalid Sabbar Mohammed (PhD.) Email: : <a href="mailto:ed.khalid.sabar@uoanbar.edu.iq">ed.khalid.sabar@uoanbar.edu.iq</a>

## 104. Course Objectives

<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>- To understand the components of the complex sentence.</li> <li>- To know forms and types of subordinate clauses.</li> <li>- To know the functions of subordinate clauses.</li> </ul>
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## 105. Teaching and Learning Strategies

<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.
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## 106. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Receptivity and understanding	Regressions and their teaching method	The lecture	Oral and written tests
The second	3	Receive and discuss	Break point and distance	The lecture	Oral and written tests
the third	3	Receive and discuss	The problems that plague its slopes	The lecture	Exams
the fourth	3	Receive and discuss	Reasons for exposing slopes and slopes to geomorphological work	The lecture	
Fifth	3	Receive and discuss	To withstand the slopes of children	The lecture	
VI	3	Receive and discuss	Modern projects and the reasons for their differences	The lecture	
Seventh	3	Receive and discuss	The effect of climate on so	The lecture	
VIII	3	Receive and discuss	The exam is the first month	The lecture	
The ninth	3	Receive and discuss	Use experimental experiments	The lecture	
The tenth	3	Receive and discuss	Morphometric ga	The lecture	the exams
eleventh	3	Receive and discuss	Hyposometric integration	The lecture	the exams

twelveth	3	Receive and discuss	Factors affecting water drainage	The lecture	Exams
Thirteenth	3	Receive and discuss	River valley	The lecture	Oral and written tests
fourteenth	3	Receive and discuss	Hydromorphometric applications	The lecture	Oral and written tests
Fifteenth	3	Receive and discuss	Regressions and their teaching method	The lecture	Exams

### 107. 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.

### 108. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Applied Geomorphology - Dr.Khalaf Hussain -2015
Main references (source)	Lectures on YouTube
Recommended books and references (scientific journals, reports...)	Internet websites
Electronic references, websites.	

## Course Description

73. Course Name:	Hydrology
74. Course Code:	
75. Semester / Year:	Semester 1/ 2023-2024
76. Description Preparation Date:	

17/9/2023

77. Available Attendance Forms:

Lectures

78. Number of Credit Hours (Total) / Number of Units (Total)

45 hours/45 credits

79. Course administrator's name (mention all, if more than one name)

Name: Asst. Prof. Aws Talak Mashaan (PhD.)

Email: : : [ed.aos.mishan@uoanbar.edu.iq](mailto:ed.aos.mishan@uoanbar.edu.iq)

80. Course Objectives

Course Objectives

- • That the student understands the foundations and concepts of hydrology
- • The student will be familiar with the mechanism and methods of hydrological calculations.
- • To understand how to teach science and its scientific benefits

81. Teaching and Learning Strategies

Strategy

Learning and teaching strategies and methods dependent in implementation of the program in general.

82. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Receptivity and understanding	Water in the gaseous atmosphere	The lecture	Oral and written tests
The second	3	Receive and discuss	Surface water	The lecture	Oral and written tests
the third	3	Receive and discuss	Surface runoff mechanics	The lecture	Exams
the fourth	3	Receive and discuss	Free surface		

			runoff Flow theories Precipitation, its forms, systems and distribution		
Fifth	3	Receive and discuss	Evaporation, its mechanics, formulas, and balance		
VI	3	Receive and discuss	Directing waterways Vertical distillation and its relationship to flow		
Seventh	3	Receive and discuss	Elements of analysis in hydrology		
VIII	3	Receive and discuss	Flow and water response to precipitation		
The ninth	3	Receive and discuss	Elements of analysis in hydrology		
The tenth	3	Receive and discuss	Flow and water response to precipitation	The lecture	the exams
eleventh	3	Receive and discuss	Directing waterways Vertical distillation and its relationship to flow	The lecture	the exams
twelveth	3	Receive and discuss	Describe theories about the water cycle in nature	The lecture	Exams
Thirteenth	3	Receive and discuss	underground water	The lecture	Oral and written tests
fourteenth	3	Receive and discuss	Hydroponic nutrition	The lecture	Oral and written tests
Fifteenth	3	Receive and discuss	Water harvesting	The lecture	Exams

### 83. 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.

### 84. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Earth's hydrology and gasosphere
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Main references (source)	Hydrology
Recommended books and references (scientific journals, reports...)	Lectures on hydrology
Electronic references, websites.	

## Course Description

109. Course Name:					
History of the Arab and Islamic State					
110. Course Code:					
111. Semester / Year:					
Semester 1/ 2023-2024					
112. Description Preparation Date:					
17/9/2023					
113. Available Attendance Forms:					
Lectures					
114. Number of Credit Hours (Total) / Number of Units (Total)					
30 hours/30 credits					
115. Course administrator's name (mention all, if more than one name)					
Name: Dr. Ahmed mahmood hamood					
Email: <a href="mailto:ahmed.m.h@uoanbar.edu.iq">ahmed.m.h@uoanbar.edu.iq</a>					
116. Course Objectives					
Course Objectives		<ul style="list-style-type: none"> <li>• Learn about the history of the Arab and Islamic state from the era of the message until the end of the Abbasid state</li> <li>• Understanding the concept of Islamic history:</li> <li>• The student learns about the topics of recording Islamic history</li> </ul>			
117. Teaching and Learning Strategies					
Strategy		Learning and teaching strategies and methods dependent in implementation of the program in general.			
118. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

the first	2	Receptivity and understanding	Concept and notation of Islamic history	The lecture	Oral and written tests
The second	2	Receive and discuss	Ahad al-Nabwah	The lecture	Oral and written tests
the third	2	Receive and discuss	- Honourable origin	The lecture	Exams
the fourth	2	Receive and discuss	- Mission	The lecture	Oral and written tests
Fifth	2	Receive and discuss	Phases of Islamic Dawah	The lecture	Oral and written tests
VI	2	Receive and discuss	Immigration to the city and building of the Islamic State	The lecture	Exams
Seventh	2	Receive and discuss	The Battle of the Prophet Muhammad (PBUH):	The lecture	Oral and written tests
VIII	2	Receive and discuss	- The Battle of Badr	The lecture	Oral and written tests
The ninth	2	Receive and discuss	- Battle of Uhud	The lecture	Exams
The tenth	2	Receive and discuss	- Party invasion	The lecture	the exams
eleventh	2	Receive and discuss	- Battle of Fath Makkah	The lecture	the exams
twelveth	2	Receive and discuss	The disease and death of the Prophet (PBUH)	The lecture	Exams
Thirteenth	2	Receive and discuss	Beginning of the Rashidi era	The lecture	Oral and written tests
fourteenth	2	Receive and discuss	Al-Rashidi Caliph Al-Awwal: Abu Bakr Al-Siddiq (His Works and Openings)	The lecture	Oral and written tests
Fifteenth	2	Receive and discuss	The intervention of foreign forces in the Abbasid state	The lecture	Exams

### 119. 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.

### 120. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	A brief book on Islamic history from the era of Adam to present era - Ahmed Mohammed Al-Asiri
Main references (source)	
Recommended books and references (scientific journals, reports...)	The Mediator in the Prophet's Biography and Rightly Guided Caliphate - Hashim Yahya Al-Mallah
Electronic references, websites.	



علم النفس النمو نقص

## Course Description

85. Course Name:	
Developmental psychology	
86. Course Code:	
G3202	
87. Semester / Year:	
Semester 2/ 2023-2024	
88. Description Preparation Date:	
17/9/2023	
89. Available Attendance Forms:	
Lectures	
90. Number of Credit Hours (Total) / Number of Units (Total)	
48 hours/48 credits	
91. Course administrator's name (mention all, if more than one name)	
Abdul Majeed Muhammad Rabie Mahal <a href="mailto:abdulmageed.moh@uoanbar.edu.iq">abdulmageed.moh@uoanbar.edu.iq</a>	
92. Course Objectives	
<b>Course Objectives</b>	<ul style="list-style-type: none"><li>- To understand the factor of soil.</li><li>- To know forms physical factors for made soils.</li><li>- To know the procesars of soil made.</li></ul>
93. Teaching and Learning Strategies	
<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.

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94. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Receptivity and understanding	Adolescence, its definition, and its	The lecture	Oral and written tests
The second	3	Receive and discuss	importance Stages of adolescence	The lecture	Oral and written tests
the third	3	Receive and discuss	Adolescent mental and cognitive development	The lecture	Exams
the fourth		Receive and discuss	Development, social, and emotional		
Fifth		Receive and discuss	Moral development, adolescents and society		
VI		Receive and discuss	Adolescent and career		
Seventh		Receive and discuss	The importance of work in a teenager's life, the		

			importance of choosing a profession		
VIII		Receive and discuss	Adolescents' compatibility for work, adolescents' attitudes and tendencies		
The ninth		Receive and discuss	The importance of inclinations and trends, sources of acquiring inclinations and trends		
The tenth	3	Receive and discuss	<b>Exam</b>	The lecture	the exams
eleventh	3	Receive and discuss	Some teenage problems, academic delay	The lecture	the exams
twelveth	3	Receive and discuss	Agressive behavior	The lecture	Exams
Thirteenth	3	Receive and discuss	Delinquency Review of theoretical and applied	The lecture	Oral and written tests
fourteenth	3	Receive and discuss	materials	The lecture	Oral and written tests
Fifteenth	3	Receive and discuss	<b>Exam</b>	The lecture	Exams

### 95. 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.

### 96. Learning and Teaching Resources

Required textbooks ( curricular books, if any)

Soil geography/DR.ALI HUSAN SHALASH

Main references (source)	Soil geography/DR.KATHIM SAAD SHANTA
Recommended books and references (scientific journals, reports...)	Soil geography
Electronic references, websites.	

## Course Description

121. Course Name:	The crimes of the Baath regime in Iraq
122. Course Code:	
123. Semester / Year:	Semester 1/ 2023-2024
124. Description Preparation Date:	17/9/2023
125. Available Attendance Forms:	Lectures
126. Number of Credit Hours (Total) / Number of Units (Total)	30 hours/30 credits
127. Course administrator's name (mention all, if more than one name)	Name: Dr. Adday Ibrahim Majedd Horan Email: <a href="mailto:a.ibarhim.m@uoanbar.edu.iq">a.ibarhim.m@uoanbar.edu.iq</a>
128. Course Objectives	
<b>Course Objectives</b>	Introducing students to the crimes of the Baath regime in Iraq, focusing on the sacrifice the martyrs who died at the hands of the Baath regime, and introducing them to the crimes and their psychological and social effects on Iraq. Preparing a generation of students with knowledge of an important era in Iraq's contemporary history.
129. Teaching and Learning Strategies	

<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.
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### 130. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Receptivity and understanding	<b>Crimes of the Baath regime according to the Criminal Court Law.</b>	The lecture	Oral and written tests
The second	2	Receive and discuss	<b>The concept of crimes.</b>	The lecture	Oral and written tests
the third	2	Receive and discuss	<b>Decisions issued by the court. High criminal.</b>	The lecture	Exams
the fourth	2	Receive and discuss	<b>Psychological crimes</b>	The lecture	Oral and written tests
Fifth	2	Receive and discuss	<b>Social crimes</b>	The lecture	Oral and written tests
VI	2	Receive and discuss	<b>Pictures of human rights violations.</b>	The lecture	Exams
Seventh	2	Receive and discuss	<b>Environmental crimes</b>	The lecture	Oral and written tests
VIII	2	Receive and discuss	<b>Military pollution</b>	The lecture	Oral and written tests
The ninth	2	Receive and discuss	<b>Destruction of cities and villages.</b>	The lecture	Exams
The tenth	2	Receive and discuss	<b>Drying the marshes</b>	The lecture	the exams
eleventh	2	Receive and discuss	<b>Dredging orchards</b>	The lecture	the exams
twelveth	2	Receive and discuss	<b>Mass graves</b>	The lecture	Exams
Thirteenth	2	Receive and discuss	<b>Genocide grave events in Iraq</b>	The lecture	Oral and written tests
fourteenth	2	Receive and discuss	<b>Chronological classification of genocide graves.</b>	The lecture	Oral and written tests
Fifteenth	2	Receive and discuss	<b>The Bawiya and Zarga cemetery are an example.</b>	The lecture	Exams

### 131. 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.

### 132. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Crimes of the Baath regime in Iraq - a course for public private universitie
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Main references (source)	
Recommended books and references (scientific journals, reports...)	
Electronic references, websites.	

### Course Description

133. Course Name:	Geography Asia
134. Course Code:	
135. Semester / Year:	Semester 2/ 2023-2024
136. Description Preparation Date:	17/9/2023
137. Available Attendance Forms:	Lectures
138. Number of Credit Hours (Total) / Number of Units (Total)	30 hours /30 credits
139. Course administrator's name (mention all, if more than one name)	Name: Dr.Abd Al Salam Areif Email: <a href="mailto:abdalsalam.a.a@uoanbar.edu.iq">abdalsalam.a.a@uoanbar.edu.iq</a>

## 140. Course Objectives

<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>• The student understands the continent of Asia.</li> <li>• The student should learn about the location of a continent.</li> <li>• The student should understand the natural and human characteristics of Asia.</li> </ul>
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## 141. Teaching and Learning Strategies

<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.
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## 142. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Receptivity and understanding	Asia Location and Concept	The lecture	Oral and written tests
The second	2	Receive and discuss	Features of Asia	The lecture	Oral and written tests
the third	2	Receive and discuss	Natural features in Asia	The lecture	Exams
the fourth	2	Receive and discuss	Plain lands in Asia		
Fifth	2	Receive and discuss	Mountain Chains		
VI	2	Receive and discuss	The plateaus in Asia		
Seventh	2	Receive and discuss	Great collapsing valleys		
VIII	2	Receive and discuss	Climate in Asia		
The ninth	2	Receive and discuss	Soil on Asia continent		
The tenth	2	Receive and discuss	The natural plant in Asia continent	The lecture	the exams

eleventh	2	Receive and discuss	Residents of Asia	The lecture	the exams
twelfth	2	Receive and discuss	Southern Territories	The lecture	Exams
Thirteenth	2	Receive and discuss	India Regional Study	The lecture	Oral and written tests
fourteenth	2	Receive and discuss	Japan Regional Study	The lecture	Oral and written tests
Fifteenth	2	Receive and discuss	Indonesia Regional Study	The lecture	Exams

### 143. 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.

### 144. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Asia continent Regional study Hashem Khudair Al Janabi / Iraq Mosul University / College Education for Humanities /
Main references (source)	Regional geography of the world in Asia, Ahmed Aqla Al-Momani, Abdul Ali Al- Khafaf, Hassan Abu Samour
Recommended books and references (scientific journals, reports...)	Lectures for Asia
Electronic references, websites.	

## Course Description

145. Course Name:	Applied Geomorphology
146. Course Code:	
147. Semester / Year:	Semester 2/ 2023-2024
148. Description Preparation Date:	



17/9/2023

149. Available Attendance Forms:

Lectures

150. Number of Credit Hours (Total) / Number of Units (Total)

45 hours/45 credits

151. Course administrator's name (mention all, if more than one name)

Name: Asst. Prof. Khalid Sabbar Mohammed (PhD.)

Email: : [ed.khalid.sabar@uoanbar.edu.iq](mailto:ed.khalid.sabar@uoanbar.edu.iq)

152. Course Objectives

Course Objectives

- To understand the components of the complex sentence.
- To know forms and types of subordinate clauses.
- To know the functions of subordinate clauses.

153. Teaching and Learning Strategies

Strategy

Learning and teaching strategies and methods dependent in implementation of the program in general.

154. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Receptivity and understanding	Regressions and their teaching method	The lecture	Oral and written tests
The second	3	Receive and discuss	Break point and distance	The lecture	Oral and written tests
the third	3	Receive and discuss	The problems that plague its slopes	The lecture	Exams
the fourth	3	Receive and discuss	Reasons for exposing slopes and slopes to geomorphological work	The lecture	

Fifth	3	Receive and discuss	To withstand the slopes of children	The lecture	
VI	3	Receive and discuss	Modern projects and the reasons for their differences	The lecture	
Seventh	3	Receive and discuss	The effect of climate on so	The lecture	
VIII	3	Receive and discuss	The exam is the first month	The lecture	
The ninth	3	Receive and discuss	Use experimental experiments	The lecture	
The tenth	3	Receive and discuss	Morphometric ga	The lecture	the exams
eleventh	3	Receive and discuss	Hyposometric integration	The lecture	the exams
twelveth	3	Receive and discuss	Factors affecting water drainage	The lecture	Exams
Thirteenth	3	Receive and discuss	River valley	The lecture	Oral and written tests
fourteenth	3	Receive and discuss	Hydromorphometric applications	The lecture	Oral and written tests
Fifteenth	3	Receive and discuss	Regressions and their teaching method	The lecture	Exams

### 155. 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.

### 156. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Applied Geomorphology - Dr.Khalaf Hussain -2015
Main references (source)	Lectures on YouTube
Recommended books and references (scientific journals, reports...)	Internet websites
Electronic references, websites.	

## Course Description

1. Course Name:

Geography of oil and energy

2. Course Code:

3. Semester / Year:

Semester 1/ 2023-2024

4. Description Preparation Date:

17/9/2023

5. Available Attendance Forms:

Lectures

6. Number of Credit Hours (Total) / Number of Units (Total)

45 hours/45 credits

7. Course administrator's name (mention all, if more than one name)

Name: ASSES Prof. DR. OMER KAMEL HASEN

Email: : ed.OMER.KAMEL@uoanbar.edu.iq

8. Course Objectives

**Course Objectives**

1-To know the concepts and types of energy.

2- To learn about developments in the field of oil and energy.

3- To understand how these two minerals affect society

9. Teaching and Learning Strategies

**Strategy**

Learning and teaching strategies and methods dependent in implementation of the program in general.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
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the first	3	Receptivity and understanding	The concept of energy	The lecture	Oral and written tests
The second	3	Receive and discuss	Forms of energy	The lecture	Oral and written tests
the third	3	Receive and discuss	Non-renewable	The lecture	Exams
the fourth	3	Receive and discuss	energy and its types	The lecture	Real-time tests
Fifth	3	Receive and discuss	Renewable energy and its types	The lecture	the exams
The sixth	3	Receive and discuss	The dangers of non-renewable energy to the environment	The lecture	daily exams
The seventh	3	Receive and discuss	The dangers of nuclear energy to the environment	The lecture	Oral and written tests
The eighth	3	Receive and discuss	Oil and its importance	The lecture	Oral and written exams
The ninth	3	Receive and discuss	Geographical distribution of oil in the world	The lecture	Exams
The tenth	3	Receive and discuss	The role of oil in comprehensive development in the Arab world	The lecture	exams
eleventh	3	Receive and discuss	. Benefits of renewable energy	The lecture	exams
Twelfth	3	Receive and discuss	. Geographical	The lecture	Exams

			distribution of countries using renewable energy		
Thirteenth	3	Receive and discuss	. Advantages of renewable energy	The lecture	Oral and written tests
fourteenth	3	Receive and discuss	The Netherlands...as a model for using wind energy	The lecture	Oral and written tests
Fifteenth	3	Receive and discuss	. . Use of nuclear energy for peaceful purposes	The lecture	Exams

### 11. 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.

### 12. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Geography of oil and energy / Abdel Naeem Abdel Wahab
Main references (source)	
Recommended books and references (scientific journals, reports...)	- Lectures on the geography of oil and energy
Electronic references, websites.	

## Course Description

<b>1. Course Name:</b>	
cartgraphia	
<b>2. Course Code:</b>	
<b>3. Semester / Year:</b>	
Semester 2/ 2023-2024	
<b>4. Description Preparation Date:</b>	
17/9/2023	
<b>5. Available Attendance Forms:</b>	
Lectures	
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>	
45 hours/45 credits	
<b>7. Course administrator's name (mention all, if more than one name)</b>	
Name: mu.m. falaah hasan salim Email: falah. Saleem@uoanbar.edu.iq	
<b>8. Course Objectives</b>	
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>1- To know the concepts of maps.</li> <li>2- To become familiar with the requirements of the map.</li> <li>3- To understand how the colors of the map affect.</li> <li>4- To understand how the population is distributed on the map</li> </ul>
<b>9. Teaching and Learning Strategies</b>	
<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.
<b>10. Course Structure</b>	

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Receptivity and understanding	Introduction to thematic maps	The lecture	Oral and written tests
The second	3	Receive and discuss	A historical overview of thematic maps	The lecture	Oral and written tests
the third	3	Receive and discuss	Types of thematic maps	The lecture	Exams
the fourth	3	Receive and discuss	Sources of information in thematic maps	The lecture	Real-time tests
Fifth	3	Receive and discuss	1- Quantitative data	The lecture	the exams
VI	3	Receive and discuss	2- Objective data	The lecture	daily exams
Seventh	3	Receive and discuss	Types of programs used in qualitative maps	The lecture	Oral and written tests
VIII	3	Receive and discuss	Satellite image and image processing	The lecture	Oral and written exams
The ninth		Receive and discuss		The lecture	Exams
The tenth	3	Receive and discuss		The lecture	the exams
eleventh	3	Receive and discuss		The lecture	the exams
twelveth	3	Receive and discuss		The lecture	Exams
Thirteenth	3	Receive and discuss		The lecture	Oral and written tests
fourteenth	3	Receive and discuss		The lecture	Oral and written tests
Fifteenth	3	Receive and discuss		The lecture	Exams

### 11. 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.

### 12. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	kharayit almawdueih wizarat altaelim aleali walbahth aleilmii d falaah shakir aswd
Main references (source)	satihuh muhamad muhamad. dirasat fi eilm alkharayiti. dar alnahdih alearabiah bayrut 1972
Recommended books and references (scientific journals, reports...)	safih jabir eid. alkharayit aleam waltaqniah alhadithuh dar alanwar. 196
Electronic references, websites.	



## Course Description

157. Course Name:	
Planning and development	
158. Course Code:	
G2205	
159. Semester / Year:	
Semester 2/ 2023-2024	
160. Description Preparation Date:	
17/9/2023	
161. Available Attendance Forms:	
Lectures	
162. Number of Credit Hours (Total) / Number of Units (Total)	
45 hours/45 credits	
163. Course administrator's name (mention all, if more than one name)	
Name: Asst. Prof. Hutheifa Yousif Turki (PhD.) Email: <a href="mailto:ed.huzaiifa.youssef@uoanbar.edu.iq">ed.huzaiifa.youssef@uoanbar.edu.iq</a>	
164. Course Objectives	
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>• That the student understands the basics and rules of planning and development.</li> <li>• The student will be familiar with the components of regional development.</li> <li>• For the student to understand how it is possible to achieve comprehensive development of the region.</li> </ul>
165. Teaching and Learning Strategies	
<b>Strategy</b>	

Learning and teaching strategies and methods dependent in implementation of the program in general.

### 166. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Oral and written tests	Oral and written tests	Exams	Real-time tests
The second	2	the exams	Daily exams	Oral and written tests	Oral and written tests
the third	2	Exams	the exams	the exams	Exams
the fourth	2	Oral and written tests	Oral and written tests	Exams	
Fifth	2	Oral and written tests	Oral and written tests	Exams	Real-time tests
VI	2	the exams	Daily exams	Oral and written tests	Oral and written tests
Seventh	2	Exams	the exams	the exams	Exams
VIII	2	Oral and written tests	Oral and written tests	Exams	
The ninth	2	Oral and written tests	Oral and written tests	Exams	Real-time tests
The tenth	2	the exams	Daily exams	Oral and written tests	Oral and written tests
eleventh	2	Exams	the exams	the exams	Exams
twelveth	2	Oral and written tests	Oral and written tests	Exams	
Thirteenth	2	Oral and written tests	Oral and written tests	Exams	Real-time tests
fourteenth	2	the exams	Daily exams	Oral and written tests	Oral and written tests
Fifteenth	2	Exams	the exams	the exams	Exams

### 167. 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.

### 168. Learning and Teaching Resources

Geography of Development - Written by Professor Muhammad Dalf Ahmed Al-Dulaimi and Dr. Fawaz Ahmed Mousa	Geography of Development - Written by Professor Dr. Muhammad Dalf Ahmed Al-Dulaimi and Dr. Fawaz Ahmed Al-Mousa
Regional Planning and Development - Written by Professor	Regional Planning and Development - Written by Professor

Dr. Muhammad Dalf Ahmad Al-Dulaimi and Assistant Professor Dr. Muhammad Jawad Abbas	Dr. Muhammad Dalf Ahmad Al-Dulaimi and Assistant Professor Dr. Muhammad Jawad Abbas
Recommended books and references (scientific journals, reports...)	Geography of Development
Electronic references, websites.	

## Course Description

169. Course Name:	Rural geography
170. Course Code:	
171. Semester / Year:	Semester 2/ 2023-2024
172. Description Preparation Date:	17/9/2023
173. Available Attendance Forms:	Lectures
174. Number of Credit Hours (Total) / Number of Units (Total)	45 hours/45 credits
175. Course administrator's name (mention all, if more than one name)	Name: Asst. Ismail Muhammad Khalifa Email: ed.ismaiel.muhammad@uoanbar.edu.iq
176. Course Objectives	
<b>Course Objectives</b>	
177. Teaching and Learning Strategies	

<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.
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**178. Course Structure**

<b>Week</b>	<b>Hours</b>	<b>Required Learning Outcomes</b>	<b>Unit or subject name</b>	<b>Learning method</b>	<b>Evaluation method</b>
the first	3	Receptivity and understanding	<b>Coordination and Subordination</b>	The lecture	Oral and written tests
The second	3	Receive and discuss	Introduction to rural geography Countryside	The lecture	Oral and written tests
the third	3	Receive and discuss	Countryside items	The lecture	Exams
the fourth		Receive and discuss	The importance of the		
Fifth		Receive and discuss	The role of the countryside in community life		
VI		Receive and discuss	Recent trends in rural geography		
Seventh		Receive and discuss	Types of studies and their role		
VIII		Receive and discuss	Rural community The beginning of		
The ninth		Receive and discuss	the rural community The importance of rural society		

The tenth	3	Receive and discuss	Basis for classifying rural society	The lecture	the exams
eleventh	3	Receive and discuss	Forms of rural communities	The lecture	the exams
twelveth	3	Receive and discuss	Morphology of rural settlement	The lecture	Exams
Thirteenth	3	Receive and discuss	Factors affecting the formation of rural settlement	The lecture	Oral and written tests
fourteenth	3	Receive and discuss	Morphological elements of the settlement	The lecture	Oral and written tests
Fifteenth	3	Receive and discuss	elements of the settlement	The lecture	Exams

### 179. 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.

### 180. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Geographic of rural; abd ul razzaq al butihee
Main references (source)	
Recommended books and references (scientific journals, reports...)	
Electronic references, websites.	

## Course Description

181.	Course Name:
	English Language
182.	Course Code:
183.	Semester / Year:
	Semester 2/ 2023-2024
184.	Description Preparation Date:
	17/9/2023
185.	Available Attendance Forms:
	Lectures
186.	Number of Credit Hours (Total) / Number of Units (Total)
	45 hours/45 credits
187.	Course administrator's name (mention all, if more than one name)
	Name: Asst. Inst. Marwah Firas Abdullah Al-Rawe (M.A.)

Email: : [marwa.feras@uoanbar.edu.iq](mailto:marwa.feras@uoanbar.edu.iq)

### 188. Course Objectives

#### Course Objectives

- To understand the importance of English language.
- To know basic geographical terms.
- To know the functions of language.

### 189. Teaching and Learning Strategies

#### Strategy

Learning and teaching strategies and methods dependent in implementation of the program in general.

### 190. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Receptivity and understanding	Present simple v present continuous	Present simple v present continuous	Present simple v present continuous
The second	3	Receive and discuss	Exercise and What is Geography	Exercise and What is Geography	Exercise and What is Geography
the third	3	Receive and discuss	Types of continen	Types of continents	Types of continents
the fourth		Receive and discuss	Past simple vs pas CONTINUOUS	Past simple vs past CONTINUOUS	Past simple vs past CONTINUOUS
Fifth		Receive and discuss	test	test	test
VI		Receive and discuss	exercises	exercises	exercises
Seventh		Receive and discuss	Parts of speech	Parts of speech	Parts of speech
VIII		Receive and discuss	Nous vs adjectives	Nous vs adjective	Nous vs adjectives
The ninth		Receive and discuss	EXERCISES	EXERCISES	EXERCISES
The tenth	3	Receive and discuss	FUTURE TENSE	FUTURE TENSE	FUTURE TENSE
eleventh	3	Receive and discuss	DEFINITIONS O MAJOR GEORGRAPHIC L TERMS	DEFINITIONS OF MAJOR GEORGRAPHIC AL TERMS	DEFINITIONS OF MAJOR GEORGRAPHICAL TERMS

twelveth	3	Receive and discuss	EXERCISES	EXERCISE	EXERCISES
Thirteenth	3	Receive and discuss	EVERYDAY ENGLISH	EVERYDAY ENGLISH	EVERYDAY ENGLISH
fourteenth	3	Receive and discuss	TIME EXPERSIONS	TIME EXPERSIONS	TIME EXPERSIONS
Fifteenth	3	Receive and discuss	Exam	Exam	Exam

### 191. 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.

### 192. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Headway pre-intermediate
Main references (source)	
Recommended books and references (scientific journals, reports...)	Internet Lectures on Geography
Electronic references, websites.	

## Course Description

1. Course Name:
Computer skills
2. Course Code:
3. Semester / Year:
Semester 2/ 2023-2024
4. Description Preparation Date:
17/9/2023
5. Available Attendance Forms:



Lectures

6. Number of Credit Hours (Total) / Number of Units (Total)

45 hours/45 credits

7. Course administrator's name (mention all, if more than one name)

Name: flath Mansour Mohammed

Email: : [ed.huzaifa.youssef@uoanbar.edu.iq](mailto:ed.huzaifa.youssef@uoanbar.edu.iq)

8. Course Objectives

Course Objectives

- Preparing competent staff in the field of computers in Iraq, regionally and globally..
- Contributing to the development of personnel working in the field of computers and its various branches in state institutions and departments.
- Trying to deliver the material in the easiest ways, and spreading the culture of e-learning (distance learning).

9. Teaching and Learning Strategies

Strategy

Learning and teaching strategies and methods dependent in implementation of the program in general.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Receptivity and understanding	Introduction to Microsoft Word 2010	The lecture	Oral and written tests
The second	2	Receive and discuss	Microsoft Word 2010 interface	The lecture	Oral and written tests
the third	2	Receive and discuss	File tab	The lecture	Exams
the fourth	2	Receive and discuss	Home tab		

Fifth	2	Receive and discuss	Clipboard + font combination		
VI	2	Receive and discuss	Paragraph group + Edit group		
Seventh	2	Receive and discuss	Page Layout tab		
VIII	2	Receive and discuss	Page setup group		
The ninth	2	Receive and discuss	Set page background		
The tenth	2	Receive and discuss	Insert tab	The lecture	the exams
eleventh	2	Receive and discuss	Set of pages + illustrations	The lecture	the exams
twelveth	2	Receive and discuss	Link set	The lecture	Exams
Thirteenth	2	Receive and discuss	Header and footer group	The lecture	Oral and written tests
fourteenth	2	Receive and discuss	Text group	The lecture	Oral and written tests
Fifteenth	2	Receive and discuss	Symbol set	The lecture	Exams

### 11. 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.

### 12. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Computer skills.
Main references (source)	Comprehensive learning Operating system Win 10
Electronic references, websites.	

## Course Description

193. Course Name:
Educational administration
194. Course Code:

195. Semester / Year:					
Semester 2/ 2023-2024					
196. Description Preparation Date:					
28/1/2024					
197. Available Attendance Forms:					
Lectures					
198. Number of Credit Hours (Total) / Number of Units (Total)					
30 hours/30 credits					
199. Course administrator's name (mention all, if more than one name)					
Name: Dr.ibrahim jumaa ibrahim					
Email: : ibrahim.jumaa@uoanbar.edu.iq					
200. Course Objectives					
<b>Course Objectives</b>		<ul style="list-style-type: none"> <li>• The student should know the concept of management.</li> <li>• 2. That the student can know the modern trends in management.</li> <li>• 3. That the student can know the patterns of school administration.</li> <li>• 4. That the student is able to apply the concepts and principles of management he has studied in professional work.</li> </ul>			
201. Teaching and Learning Strategies					
<b>Strategy</b>		Learning and teaching strategies and methods dependent in implementation of the program in general.			
202. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Receptivity and	A historical overview	The lecture	Exam + activity

		understanding	of the administration		
The second	2	Receptivity and understanding	Management concepts according to leading management scholars	The lecture	Exam + activity
the third	2	Receptivity and understanding	Levels of management in the field of education	The lecture	Exam + activity
the fourth	2	Receptivity and understanding	The relationship between, educational and school administration	The lecture	Exam + activity
Fifth	2	Receptivity and understanding	Educational administration concept - importance	The lecture	Exam + activity
The sixth	2	Receptivity and understanding	Characteristics of educational administration and the most important factors affecting it	The lecture	Exam + activity
The seventh	2	Receptivity and understanding	Mainstream trends in educational administration	The lecture	Exam + activity
The eighth	2	Receptivity and understanding	Administrative skills necessary for an educational administration man	The lecture	Exam + activity
The ninth	2	Receptivity and understanding	Types of educational (school) administration	The lecture	Exam + activity
The tenth	2	Receive and discuss	School administration and its functions	The lecture	Exam + activity
eleventh	2	Receive and discuss	The nature of the relationship between school and society	The lecture	Exam + activity
Twelfth	2	Receive and discuss	Personal and professional qualities of a successful	The lecture	Exam + activity

			school principal		
Thirteenth	2	Receive and discuss	Administrative functions necessary for school administration	The lecture	Exam + activity
fourteenth	2	Receive and discuss	Classroom management - concept importance	The lecture	Exam + activity
Fifteenth	2	Receive and discuss	Classroom problems - causes - how to treat them	The lecture	Exam + activity

### 203. 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.

### 204. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Educational administration
Main references (source)	Dr. alaa hakim nasir, Management supervision and education, Dar Al-Kut Al-Ilmiyyah, Beirut, 2018.
Recommended books and references (scientific journals, reports...)	Lectures on educational administration
Electronic references, websites.	

## Course Description

205. Course Name:					
Agriculture geography					
206. Course Code:					
207. Semester / Year:					
Semester 1/ 2023-2024					
208. Description Preparation Date:					
17/9/2023					
209. Available Attendance Forms:					
Lectures					
210. Number of Credit Hours (Total) / Number of Units (Total)					
45 hours/45 credits					
211. Course administrator's name (mention all, if more than one name)					
Name: Asst. Prof. Ismail Muhammad Khalifa					
Email: :					
212. Course Objectives					
Course Objectives		<ul style="list-style-type: none"> <li>• - The student must be qualified to work</li> </ul>			
213. Teaching and Learning Strategies					
Strategy		Learning and teaching strategies and methods dependent in implementation of the program in general.			
214. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

the first	3	Receptivity and understanding	Agriculture, its concept and variables of spatial variation	The lecture	Oral and written tests
The second	3	Receive and discuss	Natural variables	The lecture	Oral and written tests
the third	3	Receive and discuss	Sunlight, angle, sunrise hours	The lecture	Exams
the fourth	3	Receive and discuss	Rainfall and its seasonal distribution	The lecture	Real-time tests
Fifth	3	Receive and discuss	Surface, height, slope	The lecture	the exams
The sixth	3	Receive and discuss	The effect of surface on agricultural crops	The lecture	daily exams
The seventh	3	Receive and discuss	Soil, its composition, texture, and color	The lecture	Oral and written tests
The eighth	3	Receive and discuss	Chemical reference for its solution and stripping	The lecture	Oral and written exams
The ninth	3	Receive and discuss	Economic variables, land tenure Farm size	The lecture	Exams
The tenth	3	Receive and discuss	Agricultural labor force	The lecture	exams
eleventh	3	Receive and discuss	Transportation and marketing Social	The lecture	exams
Twelfth	3	Receive and discuss	variables, customs and traditions	The lecture	Exams
Thirteenth	3	Receive and discuss	News, health	The lecture	Oral and written tests

fourteenth	3	Receive and discuss	restrictions Life variables	The lecture	Oral and written tests
Fifteenth	3	Receive and discuss	, pests and insects	The lecture	Exams

### 215. 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.

### 216. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	- Geographic agricultural :noory bazary
Main references (source)	Geographic agricultural:mohammed khalil lzoka
Recommended books and references (scientific journals, reports...)	
Electronic references, websites.	



## Course Description

<b>1. Course Name:</b>					
Foundations and principles of city geography					
<b>2. Course Code:</b>					
G3103					
<b>3. Semester / Year:</b>					
Semester 1/ 2023-2024					
<b>4. Description Preparation Date:</b>					
17/9/2023					
<b>5. Available Attendance Forms:</b>					
Lectures					
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>					
30 hours/30 credits					
<b>7. Course administrator's name (mention all, if more than one name)</b>					
Name: Prof. Amjad Rahim Muhammad Abdulla (PhD.) Email: : ed.amjad.rahim@uoanbar.edu.iq					
<b>8. Course Objectives</b>					
<b>Course Objectives</b>		<ul style="list-style-type: none"> <li>-Identifying the city as a geographical phenomenon studied by the geographer in terms of its origin, growth and development</li> <li>- Identify its internal structure, problems, solutions and alternatives.</li> <li>- The student realizes that the city represents the applied field of geography in place</li> </ul>			
<b>9. Teaching and Learning Strategies</b>					
<b>Strategy</b>		Learning and teaching strategies and methods dependent in implementation of the program in general.			
<b>10. Course Structure</b>					
<b>Week</b>	<b>Hours</b>	<b>Required Learning</b>	<b>Unit or subject name</b>	<b>Learning method</b>	<b>Evaluation method</b>

		<b>Outcomes</b>			
the first	2	Receive and discuss	Geography of cities and the importance of studying the	The lecture	Oral tests
The second	2	Receive and discuss	The nature of the geography of cities	The lecture	Oral tests
the third	2	Receive and discuss	Distinguish between city and village	The lecture	Oral tests
the fourth	2	Receive and discuss	City and urban development	The lecture	Oral tests
Fifth	2	Receive and discuss	The location and location of the city	The lecture	Oral tests
The sixth	2	Receive and discuss	Types of city sites and their location	The lecture	Written tests
The seventh	2	Receive and discuss	The internal structure of the city and its theories	The lecture	Oral tests
The eighth	2	Receive and discuss	Sector theory and multiple nuclei theory	The lecture	Oral tests
The ninth	2	Receive and discuss	Man's model of the British city	The lecture	Oral tests
The tenth	2	Receive and discuss	Internal structure controls for cities	The lecture	Oral tests
eleventh	2	Receive and discuss	Urban land use maps	The lecture	Oral tests
Twelfth	2	Receive and discuss	Land uses within cities	The lecture	Written tests
Thirteenth	2	Receive and discuss	Commercial land uses	The lecture	Oral tests
fourteenth	2	Receive and discuss	Industrial land use	The lecture	Oral tests
Fifteenth	2	Receive and discuss	Land uses for transportation	The lecture	Written tests

## 11. 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.

## 12. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Sabri Fares Al-Hiti and Saleh Falih Hassan, Geography of Cities, Dar Al-Kutub for Printing and Publishing, University of Mosul, 2000.
Main references (source)	Muhammad Saleh Rabie, Geography of Cities, Adab Press, Baghdad, 2016
Recommended books and references (scientific journals, reports...)	Kayed Othman Abu Sobha, Geography of Urban Affairs, Amman, Dar Wael, 2002.
Electronic references, websites.	<a href="https://foulabook.com/ar/book">https://foulabook.com/ar/book</a>

## Course Description

217. Course Name:	
Geography of North America	
218. Course Code:	
G3104	
219. Semester / Year:	
Semester 1/ 2023-2024	
220. Description Preparation Date:	
4/20/2024	
221. Available Attendance Forms:	
Lectures	
222. Number of Credit Hours (Total) / Number of Units (Total)	
30 hours/30 units	
223. Course administrator's name (mention all, if more than one name)	
Name D. Maha Saadi Khalaf Email : <a href="mailto:ed.maha.saadi@uoanbar.edu.iq">ed.maha.saadi@uoanbar.edu.iq</a>	
224. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> <li>• 1-Preparing competent staff in the field of geography of the North American continent.</li> <li>• 2- Contributing to the development of cadres working in the field of geography and its various branches in state institutions and departments</li> <li>• 3- Trying to deliver the material in the easiest way</li> <li>• 4- Understanding the materials and clarifying them according to the curriculum.</li> </ul>

- 5– Use easy methods to deliver the material.
- 6– Understanding students’ tendencies towards clarification, detecting and identifying individual differences, and trying to deal with them accurately.

225. Teaching and Learning Strategies

<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.
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226. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Receptivity and understanding	Introduction to the continent of North America	The lecture	Oral and written tests
The second	2	Receive and discuss	Geographic/natural characteristics/location and area of the North American continent	The lecture	Oral and written tests
the third	2	Receive and discuss	Structure and topography of the continent	The lecture	Exams
the fourth	2	Receive and discuss	Weather and climate of the continent	The lecture	Real-time tests
Fifth	2	Receive and discuss	Rivers on the continent	The lecture	the exams
The sixth	2	Receive and discuss	Soil and natural vegetation of the continent	The lecture	daily exams

			continent		
The seventh	2	Receive and discuss	Human characteristics of the North American continent	The lecture	Oral and written tests
The eighth	2	Receive and discuss	Indigenous people/American Indians	The lecture	Oral and written exams
The ninth	2	Receive and discuss	The first immigrants and Negroes	The lecture	Exams
The tenth	2	Receive and discuss	Mixed population of whites and Native American / Population distribution	The lecture	exams
eleventh	2	Receive and discuss	Natural resources/agriculture on the continent	The lecture	exams
Twelfth	2	Receive and discuss	Mineral wealth and industry on the continent	The lecture	Exams
Thirteenth	2	Receive and discuss	Trade and transportation routes on the continent	The lecture	Oral and written tests
fourteenth	2	Receive and discuss	A study on the most important countries on the continent/ Canada	The lecture	Oral and written tests
Fifteenth	2	Receive and discuss	The most important region in Canada	The lecture	Exams

### 227. Course Evaluation

Distributing a score out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports... etc. All of this is to obtain a score out of 40.

In addition to the end-of-course exam of 60

For a total of 100 marks

### 228. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Dr. Muhammad Hamid Al-Taie, Dr. Ali Hussein Al- - Shalash, Dr. Wafiq Hussein Al-Khashab, Geography of the New World, the Americas, second edition, .1999 - Dr. Hassan Taha Najm, Latin America, Land Population, Tikrit University, 2008.
Main references (source)	
Recommended books and references (scientific)	Lectures

journals, reports...)	
Electronic references, websites.	

### Course Description

<b>1. Course Name:</b>
Geographic statistics
<b>2. Course Code:</b>
<b>3. Semester / Year:</b>
Semester 1/ 2023-2024
<b>4. Description Preparation Date:</b>
17/9/2023
<b>5. Available Attendance Forms:</b>
Lectures
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>
45 hours/45 credits
<b>7. Course administrator's name (mention all, if more than one name)</b>

Name: Prof. abd ulrazzaq mohammed (PhD.)

Email: : [ed.abdulrazak.mohammed@uoanbar.edu.iq](mailto:ed.abdulrazak.mohammed@uoanbar.edu.iq)

## 8. Course Objectives

### Course Objectives

- - To know the concepts of individual differences.
- 2- To learn about the development of statistics.
- 3- To understand how to extract variables.
- 4- To understand how it affects phenomena.

## 9. Teaching and Learning Strategies

### Strategy

Learning and teaching strategies and methods dependent in implementation of the program in general.

## 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Receptivity and understanding	Geographic data described and displayed	The lecture	Oral and written tests
The second	2	Receive and discuss	The concept and nature of geographical data	The lecture	Oral and written tests
the third	2	Receive and discuss	Classification and tabulation of data	The lecture	Exams

the fourth	2	Receive and discuss	Data sources	The lecture	Real-time tests
Fifth	2	Receive and discuss	Frequency tables	The lecture	the exams
The sixth	2	Receive and discuss	Tabulating data with unequal categories	The lecture	daily exams
The seventh	2	Receive and discuss	Descriptive statistics and its applications	The lecture	Oral and written tests
The eighth	2	Receive and discuss	Measures of central tendency	The lecture	Oral and written exams
The ninth	2	Receive and discuss	Measures of dispersion	The lecture	Exams
The tenth	2	Receive and discuss	Spatial statistics	The lecture	exams
eleventh	2	Receive and discuss	Measuring the concentration of the phenomenon	The lecture	exams
Twelfth	2	Receive and discuss	Nearest neighbour Normal	The lecture	Exams
Thirteenth	2	Receive and discuss	distribution (chi-square)	The lecture	Oral and written tests
fourteenth	2	Receive and discuss	Link	The lecture	Oral and written tests
Fifteenth	2	Receive and discuss	Regression	The lecture	Exams

## 11. 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.

## 12. Learning and Teaching Resources



Required textbooks ( curricular books, if any)	Modeling and statistics by sami azia and ayad al Al-Tae
Main references (source)	Geographic statistics by muther al omer - Lectures on statistics by ;kasheh al rawi.
Recommended books and references (scientific journals, reports...)	Lectures on static
Electronic references, websites.	

## Course Description

229. Course Name:	jughrafiat alsiyaha
230. Course Code:	G3105
231. Semester / Year:	Semester 1/ 2023-2024

232. Description Preparation Date:

17/9/2023

233. Available Attendance Forms:

Lectures

234. Number of Credit Hours (Total) / Number of Units (Total)

45 hours/45 credits

235. Course administrator's name (mention all, if more than one name)

Name: mu.m. kamal Abed Alah alah

Email: kamal\_algayssi@uoanbar.edu.iq

236. Course Objectives

Course Objectives

- -1 'iiedad milakat dhat kifayat fi majal aljughrafiaat lisiahiat qalimia waealamia.
- 2 -almusahamat fi tatwir almulakat aleamilat fi majal aljughrafiaat wafurueiha almukhtalifat fi muasasat aldawlat wadawayiriha
- -3 nashr alwaey aljughrafii wa'iiqamat nadawat taweiati fi majal alsiyaha .
- 4-muhawalat aysal almadat bi'ashal alturuq, wanashr thaqafat altaealum alalkutrunii ( altaealum ean buedu)
- -5 fahum almawadi wayadahuha ealaa wifq mufradat almanhaji.
- -6. aistieab muyulat altalabat fi alayadah, wakashf alfuruq alfardiat waltaearuf ealayha, wamuhawalat altaeamul maeaha bidiqatin

237. Teaching and Learning Strategies

Strategy

aistiratijiaat watarayiq altaelim waltaealum almuetaamadat fi tanfi albarnamaj bishakl eami, minha (taklif altaalib bibaed al'anishi walwajibat aljamaeiati. takhsis nisbat min aldarajat lilwajib alyawmiat walaikhtibarati)

238. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
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the first	3	alfahm waliastieab	lamhat tarikhiaat ean mafhu alsiyahati, 'anwaeiha	The lecture	aliaikhtibarat alshafawiat waltahriria
The second	3	alfahm waliastieab	altatawur altaarikhiu liisayahat eabr aleusuri, ealaqat aljughrafia bialsiyaha	The lecture	aliaikhtibarat alshafawiat waltahriria
the third	3	alfahm waliastieab	aleawamil altabieiat alati tusaeid fi jadhb alsuyaah	The lecture	alaikhtibarat
the fourth	3	alfahm waliastieab	aleawamil almunakhiat ala tusaeid fi jadhb alsuyaah	The lecture	alaimtihanat
Fifth	3	alfahm waliastieab	lieawamil albashariat alati tusaeid fi jadhb alsuyaah	The lecture	alaikhtibarat alania
The sixth	3	alfahm waliastieab	aleawamil alati tusaeid fi sinaeat alsiyaha	The lecture	alaikhtibarat
The seventh	3	alfahm waliastieab	dawr sinaeat alsiyahat fi tawfir aleumlat al'ajniabat watashghil alaydi aleamila	The lecture	alaimtihanat alyawmia
The eighth	3	alfahm waliastieab	mashakil wamueawiqat alnumui alsiyahii	The lecture	aliaikhtibarat alshafawiat waltahriria
The ninth	3	alfahm waliastieab	waqie alsiyahat fi aleiraq walwatan alearabii	The lecture	aliaikhtibarat alshafawiat waltahriria
The tenth	3	alfahm waliastieab	athar almulawathat ealaa aljanib alsiyahii	The lecture	alaimtihanat
eleventh	3	alfahm waliastieab	aleawamil almusabibat liltalawuth albiyyi	The lecture	alaikhtibarat
Twelfth	3	alfahm waliastieab	taerif alsiyahat albiyyiat wahimiatih	The lecture	alaikhtibarat
Thirteenth	3	alfahm waliastieab	waqie alsiyahat hawl alealam	The lecture	alaimtihanat
fourteenth	3	alfahm waliastieab	tathir almashakil al'amniat ealaa alaistithmar alsiyahii	The lecture	aliaikhtibarat alshafawiat waltahriria
Fifteenth	3	alfahm waliastieab	altanmiat alsiyahiat aljadidatu, wadawr alansan fi sinaeat mawaqie siahiat jadid	The lecture	aliaikhtibarat alshafawiat waltahriria

### 239. 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

### 240. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	kitab jughrafiaat alsiyahati. d subhi aihm mukhalaf
Main references (source)	aljughrafiaat alsiyahiat tatbiqat ea alwatan alearabii .d 'iibrahim khalil bata
Recommended books and references (scientific journals, reports...)	jughrafiaat alsiyahati/di. shawqi alsay muhamad
Electronic references, websites.	

## Course Description

241. Course Name:	
History of Iraq and the Arab World, Geography Department	
242. Course Code:	
243. Semester / Year:	
Semester 1/ 2023-2024	
244. Description Preparation Date:	
17/9/2023	
245. Available Attendance Forms:	
Lectures	
246. Number of Credit Hours (Total) / Number of Units (Total)	
30 hours/30 credits	
247. Course administrator's name (mention all, if more than one name)	
Name: Dr. Adday Ibrahim Majedd Horan	
Email: <a href="mailto:a.ibarhim.m@uoanbar.edu.iq">a.ibarhim.m@uoanbar.edu.iq</a>	
248. Course Objectives	
<b>Course Objectives</b>	Introducing students to the crimes of the Baath regime in Iraq, focusing on the sacrifices of the martyrs who died at the hands of the Baath regime, and introducing them to the crimes and their psychological and social effects on Iraq. Preparing a generation of students with knowledge of an important era in Iraq's contemporary history.
249. Teaching and Learning Strategies	
<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.

## 250. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Receptivity and understanding	<b>Lab. Experiment Assignment</b>	The lecture	Oral and written tests
The second	2	Receive and discuss	<b>_The emergence of the Ottoman Empire in Anatolia</b>	The lecture	Oral and written tests
the third	2	Receive and discuss	<b>_The reasons and motives for the expansion of the Ottoman</b>	The lecture	Exams
the fourth	2	Receive and discuss	<b>Empire in the Arab countries _The emergence of the Safavid state in Persia</b>	The lecture	Oral and written tests
Fifth	2	Receive and discuss	<b>_The European invasion of the Arab world</b>	The lecture	Oral and written tests
VI	2	Receive and discuss	<b>_The expansion of the Ottoman Empire in the Arab countries</b>	The lecture	Exams
Seventh	2	Receive and discuss	<b>Ottoman control of Iraq Year 1534</b>	The lecture	Oral and written tests
VIII	2	Receive and discuss	<b>Administration of Ottoman rule in the Arab world</b>	The lecture	Oral and written tests
The ninth	2	Receive and discuss	<b>The Ottoman military institution, its origins and development</b>	The lecture	Exams
The tenth	2	Receive and discuss	<b>The French invasion of Egypt: causes and consequences</b>	The lecture	the exams
eleventh	2	Receive and discuss	<b>British occupation of Egypt and Sudan</b>	The lecture	the exams
twelveth	2	Receive and discuss	<b>European interests in Iraq</b>	The lecture	Exams
Thirteenth	2	Receive and discuss	<b>The emergence of Muhammad Ali Pasha in Egypt and his activity in Iraq and the Levant</b>	The lecture	Oral and written tests
fourteenth	2	Receive and discuss	<b>Renewal movements for Arab countries</b>	The lecture	Oral and written tests
Fifteenth	2	Receive and discuss	<b>The Ottoman movement, regulations and reforms and their repercussions on the Arab countries</b>	The lecture	Exams

## 251. 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.

## 252. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Ibrahim Khalil Ahmed, The History of the Modern Contemporary Arab World
Main references (source)	
Recommended books and references (scientific journals, reports...)	_Sayyar Jamil Kawkab, History of the Modern Arabs 1516-1916 _Enas Saadi Abdullah, Modern History of I 1258-1914
Electronic references, websites.	

## Course Description

<b>1. Course Name:</b>	
Geographical research methods	
<b>2. Course Code:</b>	
<b>3. Semester / Year:</b>	
Semester 2/ 2023-2024	
<b>4. Description Preparation Date:</b>	
17/9/2023	
<b>5. Available Attendance Forms:</b>	
Lectures	
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>	
30 hours/30 credits	
<b>7. Course administrator's name (mention all, if more than one name)</b>	
Name: Prof. Iyad Muhammad Mukhlif (PhD.) Email: : : <a href="mailto:ed.iyad.mohammed@uoanbar.edu.iq">ed.iyad.mohammed@uoanbar.edu.iq</a>	
<b>8. Course Objectives</b>	
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>- The student should understand the nature of geographical research methods.</li> <li>- The student will know how to choose topics for graduation research.</li> <li>- That the student understands the foundations, methods, and method of writing research..</li> </ul>
<b>9. Teaching and Learning Strategies</b>	
<b>Strategy</b>	Learning and teaching strategies and methods dependent in

implementation of the program in general.

## 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Receptivity and understanding	Geography: its concept, fields and goals	The lecture	Oral and written tests
The second	2	Receive and discuss	Science, knowledge and scientific research	The lecture	Oral and written tests
the third	2	Receive and discuss	Patterns of scientific research	The lecture	Exams
the fourth	2	Receive and discuss	Geographical research methods	The lecture	Real-time tests
Fifth	2	Receive and discuss	Scientific research supplies	The lecture	the exams
The sixth	2	Receive and discuss	Steps for preparing scientific research	The lecture	daily exams
The seventh	2	Receive and discuss	Steps for preparing scientific research	The lecture	Oral and written tests
The eighth	2	Receive and discuss	Steps for preparing scientific research	The lecture	Oral and written exams
The ninth	2	Receive and discuss	General rules for scientific writing	The lecture	Exams
The tenth	2	Receive and discuss	General rules for scientific writing	The lecture	the exams
eleventh	2	Receive and discuss	Quotation/documentation methods/	The lecture	the exams
Twelfth	2	Receive and discuss	Rules for using tables, graphs, pictures and maps	The lecture	Exams
Thirteenth	2	Receive and discuss	Data and information sources	The lecture	Oral and written tests
fourteenth	2	Receive and discuss	Field study methods	The lecture	Oral and written tests
Fifteenth	2	Receive and discuss	Questionnaire and data classification	The lecture	Exams

## 11. 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.

## 12. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Geographical research methods Dr. Abdul Raz Mohammed Al Butaihi
Main references (source)	Foundations and ethics of scientific research / Prof. Dr. Hussein Al-Zayadi

	Geographic research methods from a contemporary perspective, Prof. Dr. Muhammad Azhar Saeed Sammak
Recommended books and references (scientific journals, reports...)	
Electronic references, websites.	

## Course Description

253. Course Name:	English headway Plus
254. Course Code:	
255. Semester / Year:	Semester 1/ 2023-2024
256. Description Preparation Date:	17/9/2023
257. Available Attendance Forms:	Lectures
258. Number of Credit Hours (Total) / Number of Units (Total)	45 hours/45 credits
259. Course administrator's name (mention all, if more than one name)	Name: Asst. Prof. Khalid Sabbar Mohammed (PhD.) Email: : <a href="mailto:ed.khalid.sabar@uoanbar.edu.iq">ed.khalid.sabar@uoanbar.edu.iq</a>
260. Course Objectives	
Course Objectives	- To understand how to realize the linguistic elements of the sentence



in different functions.

- To know the basic patterns and elements of the sentence.
- To know how the sentence is formed and structured.

**261. Teaching and Learning Strategies**

<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.
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**262. Course Structure**

<b>Week</b>	<b>Hours</b>	<b>Required Learning Outcomes</b>	<b>Unit or subject name</b>	<b>Learning method</b>	<b>Evaluation method</b>
the first	3	Receptivity and understanding	Getting to know yo	The lecture	Oral and written tests
The second	3	Receive and discuss	The way we live	The lecture	Oral and written tests
the third	3	Receive and discuss	It all went wrong	The lecture	Exams
the fourth	3	Receive and discuss	Let's go shopping	The lecture	Real-time tests
Fifth	3	Receive and discuss	What do you want to do?	The lecture	the exams
The sixth	3	Receive and discuss	Tell me what's it like	The lecture	daily exams
The seventh	3	Receive and discuss	Present perfect and past simple.	The lecture	Oral and written tests
The eighth	3	Receive and discuss	Famous couples	The lecture	Oral and written exams
The ninth	3	Receive and discuss	Present perfect and past simple A-Time and conditional	The lecture	Exams

			clauses		
The tenth	3	Receive and discuss	Present perfect and past simple A-Time and conditional clauses	The lecture	exams
eleventh	3	Receive and discuss	Verb patterns 2	The lecture	exams
Twelfth	3	Receive and discuss	Phrasal verbs	The lecture	Exams
Thirteenth	3	Receive and discuss	Social expressions (2).	The lecture	Oral and written tests
fourteenth	3	Receive and discuss	Reported statements	The lecture	Oral and written tests
Fifteenth	3	Receive and discuss	Past perfect	The lecture	Exams

### 263. 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.

### 264. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Headway plus- student book
Main references (source)	Internet lectures
Recommended books and references (scientific journals, reports...)	Lectures on Grammar- and Engl Skills
Electronic references, websites.	

## Course Description

265.	Course Name:
	Soil geography
266.	Course Code:
	G3202
267.	Semester / Year:
	Semester 2/ 2023-2024
268.	Description Preparation Date:
	17/9/2023
269.	Available Attendance Forms:
	Lectures
270.	Number of Credit Hours (Total) / Number of Units (Total)
	48 hours/48 credits

**271. Course administrator's name (mention all, if more than one name)**

Name: Asst. DR.Ammar Yaseen Awad (PhD.)

Email: ammar\_hydro@uoanbar.edu.iq :

**272. Course Objectives**

**Course Objectives**

- To understand the factor of soil.
- To know forms physical factors for made soils.
- To know the procesars of soil made.

**273. Teaching and Learning Strategies**

**Strategy**

Learning and teaching strategies and methods dependent in implementation of the program in general.

**274. Course Structure**

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Receptivity and understanding	The development of soil science and its relationship to other sciences and soil concepts	The lecture	Oral and written tests
The second	3	Receive and discuss	Soil formation processes	The lecture	Oral and written tests
the third	3	Receive and discuss	Soil formation factors	The lecture	Exams
the fourth		Receive and discuss	Soil physical properties (depth, texture, structure, porosity)		
Fifth		Receive and discuss	Soil physical properties (tru and apparent density, moisture content, leaching, soil color and soil temperature)		
VI		Receive and discuss	Soil chemical properties (organic matter, pH, and salinity)		
Seventh		Receive and discuss	Chemical properties of the soil (positive and negative ions and soil mineral		

			content)		
VIII		Receive and discuss	Soil fertility (humus)		
The ninth		Receive and discuss	Soil biological characteristics (visible and microscopic organisms)		
The tenth	3	Receive and discuss	The effect of agricultural operations on soil properties	The lecture	the exams
eleventh	3	Receive and discuss	Tillage, soil preparation and fertilization	The lecture	the exams
twelveth	3	Receive and discuss	Spatial distribution of soils in the world	The lecture	Exams
Thirteenth	3	Receive and discuss	Problems facing soils in the world	The lecture	Oral and written tests
fourteenth	3	Receive and discuss	The problem of soil salinity and its repercussions on plant cover	The lecture	Oral and written tests
Fifteenth	3	Receive and discuss	Solutions and treatments for soil problems	The lecture	Exams

### 275. 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.

### 276. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Soil geography/DR.ALI HUSAN SHALASH
Main references (source)	Soil geography/DR.KATHIM SAAD SHANTA
Recommended books and references (scientific journals, reports...)	Soil geography
Electronic references, websites.	

## Course Description

277. Course Name:
Geography of South America
278. Course Code:
G3204
279. Semester / Year:
Semester / 2023-2024

280. Description Preparation Date:

20/4/2024

281. Available Attendance Forms:

Lectures

282. Number of Credit Hours (Total) / Number of Units (Total)

30 hours/30 credits

283. Course administrator's name (mention all, if more than one name)

Name D. Maha Saadi Khalaf

Email: [ed.maha.saadi@uoanbar.edu.iq](mailto:ed.maha.saadi@uoanbar.edu.iq)

284. Course Objectives

Course Objectives

- 1-Preparing competent staff in the field of geography of the South American continent.
- 2- Contributing to the development of cadres working in the field of geography and its various branches in state institutions and departments
- 3- Trying to deliver the material in the easiest way
- 4- Understanding the materials and clarifying them according to the curriculum.
- 5- Use easy methods to deliver the material.
- 6- Understanding students' tendencies towards clarification detecting and identifying individual differences, and trying to deal with them accurately.

285. Teaching and Learning Strategies

Strategy

Learning and teaching strategies and methods dependent in implementation of the program in general.

286. Course Structure

Week	Hours	Required Learning	Unit or subject name	Learning method	Evaluation method
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		Outcomes			
the first	2	Receptivity and understanding	Introduction to the continent of South America	The lecture	Oral and written tests
The second	2	Receive and discuss	Geographic/natural characteristics/location and area of the South American continent	The lecture	Oral and written tests
the third	2	Receive and discuss	Structure and topography of the continent	The lecture	Exams
the fourth	2	Receive and discuss	Weather and climate of the continent	The lecture	Oral and written tests
Fifth	2	Receive and discuss	Rivers on the continent	The lecture	Oral and written tests
VI	2	Receive and discuss	Soil and natural vegetation of the continent	The lecture	Oral and written tests
Seventh	2	Receive and discuss	Human characteristics of the South American continent	The lecture	Oral and written tests
VIII	2	Receive and discuss	Indigenous people/American Indians	The lecture	Oral and written tests
The ninth	2	Receive and discuss	The first immigrants and Negroes	The lecture	Oral and written tests
The tenth	2	Receive and discuss	Mixed population of whites and Native Americans Population distribution	The lecture	the exams
eleventh	2	Receive and discuss	Natural resources/agriculture on the continent	The lecture	the exams
twelveth	2	Receive and discuss	Mineral wealth and industry on the continent	The lecture	Exams
Thirteenth	2	Receive and discuss	Trade and transportation routes on the continent	The lecture	Oral and written tests
fourteenth	2	Receive and discuss	A study on the most important countries on the continent/Brazil	The lecture	Oral and written tests
Fifteenth	2	Receive and discuss	The most important regions in Brazil	The lecture	Exams

### 287. Course Evaluation

Distributing a score out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports... etc. All of this is to obtain a score out of 40.

In addition to the end-of-course exam of 60

For a total of 100 marks

### 288. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Dr. Muhammad Hamid Al-Taie, Dr. Ali Hussein Al- - Shalash, Dr. Wafiq Hussein Al-Khashab, Geography of the New World, the Americas, second edition, .1999 - Dr. Hassan Taha Najm, Latin America, Land Population, Tikrit University, 2008.
Main references (source)	
Recommended books and references (scientific journals, reports...)	Lectures
Electronic references, websites.	



## Course Description

<b>1. Course Name:</b>	
Applied climatology	
<b>2. Course Code:</b>	
G3103	
<b>3. Semester / Year:</b>	
Semester 1/ 2023-2024	
<b>4. Description Preparation Date:</b>	
17/9/2023	
<b>5. Available Attendance Forms:</b>	
Lectures	
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>	
45 hours/45 credits	
<b>7. Course administrator's name (mention all, if more than one name)</b>	
Name DR. omar naji omer Email: : omar.najy@uoanbar.edu.iq	
<b>8. Course Objectives</b>	
<b>Course Objectives</b>	<p><b>Preparing students to practice the teaching profession after graduation</b></p> <p><b>Preparing students to obtain broad information about weather and climate elements</b></p>
<b>9. Teaching and Learning Strategies</b>	
<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.
<b>10. Course Structure</b>	

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Receptivity and understanding	The emergence of applied climatology, applied climatology, concepts, applications, and awareness of climate impact assessment	The lecture	Oral and written tests
The second	3	Receive and discuss	The nature of the geography of cities. A comparison between old and modern climate devices. Old-fashioned climate devices	The lecture	Oral and written tests
the third	3	Receive and discuss	Statistical Considerations Statistical Significance and Time Series Analysis Spatial Analysis	The lecture	Exams
the fourth	3	Receive and discuss	Holistic climate and climate forcing models Integrated assessment models and climate model evaluation	The lecture	Real-time tests
Fifth	3	Receive and discuss	Climate, water environment and hydrological processes	The lecture	the exams
The sixth	3	Receive and discuss	Climate in Ice Shift Refrigerators Ice Mass Balance and Climate Controls	The lecture	daily exams
The seventh	3	Receive and discuss	Atmosphere Soil Climate Soil Climate and Soil Geography Soils Impact of Climate Change	The lecture	Oral and written tests
The eighth	3	Receive and discuss	Climate and vegetation	The lecture	Oral and written exams
The ninth	3	Receive and discuss	Climate and urban environment	The lecture	Exams
The tenth	3	Receive and discuss	Heat, humid climates, cold climates	The lecture	exams
eleventh	3	Receive and discuss	Climate extremes	The lecture	exams
Twelfth	3	Receive and discuss	Evapotranspiration and soil moisture in microclimate	The lecture	Exams
Thirteenth	3	Receive and discuss	The nature of global environmental change	The lecture	Oral and written tests
fourteenth	3	Receive and discuss	Soil surface temperature/grass and non-grass soil	The lecture	Oral and written tests
Fifteenth	3	Receive and discuss	Climate change, past and present	The lecture	Exams

### 11. 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.

### 12. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Al-Manakh Al-Asghar / Ali Hassan Musa Local climate / Fadel Baqir Al-Hassani
Main references (source)	All modern Arab and foreign climate source the field of detailed climate
Recommended books and references (scientific journals, reports...)	

Electronic references, websites.	
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## Course Description

1. Course Name:	
Geography of natural resources	
2. Course Code:	
G3201	
3. Semester / Year:	
Semester 1/ 2023-2024	
4. Description Preparation Date:	
17/9/2023	
5. Available Attendance Forms:	
Lectures	
6. Number of Credit Hours (Total) / Number of Units (Total)	
45 hours/45 credits	
7. Course administrator's name (mention all, if more than one name)	
Name: Prof. DR. Khaled Akbar Abdullah Email: : ed.khalid.alhamdani@uoanbar.edu.iq	
8. Course Objectives	
<b>Course Objectives</b>	<b>To become familiar with the concept and classification of natural resources.</b> <ul style="list-style-type: none"><li>• To learn about the natural resources in water.</li><li>• To identify the natural resources in plants</li></ul>
9. Teaching and Learning Strategies	
<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.

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### 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Receptivity and understanding	Definition of natural resources	The lecture	Oral and written tests
The second	3	Receive and discuss	Natural resources departments	The lecture	Oral and written tests
the third	3	Receive and discuss	Distribution of natural resources:	The lecture	Exams
the fourth	3	Receive and discuss	The importance of natural resources	The lecture	Real-time tests
Fifth	3	Receive and discuss	Second: Classification of natural resources	The lecture	the exams
The sixth	3	Receive and discuss	Firstly . Water Resources:	The lecture	daily exams
The seventh	3	Receive and discuss	Secondly, plant resources	The lecture	Oral and written tests
The eighth	3	Receive and discuss	Third: Mineral resources	The lecture	Oral and written exams
The ninth	3	Receive and discuss	Conservation of natural resources	The lecture	Exams
The tenth	3	Receive and discuss	Natural resource problems	The lecture	exams
eleventh	3	Receive and discuss	Topography of seabeds such as oceans	The lecture	exams
Twelfth	3	Receive and discuss	Departments - Oceans	The lecture	Exams
Thirteenth	3	Receive and discuss	Natural characteristics of marine water	The lecture	Oral and written tests
fourteenth	3	Receive and discuss	Movement of water in seas and oceans	The lecture	Oral and written tests
Fifteenth	3	Receive and discuss	review	The lecture	Exams

### 11. 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.

### 12. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Wafiq Al-Khashab, Geography of Natural Resource
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Main references (source)	Safaa Abdel Amir, Resource Geography
Recommended books and references (scientific journals, reports...)	- Lectures on the geography of natural resources
Electronic references, websites.	

## Course Description

1. Course Name:	
Urban studies and applications	
2. Course Code:	
<b>G3207</b>	
3. Semester / Year:	
Semester 2/ 2023-2024	
4. Description Preparation Date:	
17/9/2023	
5. Available Attendance Forms:	
Lectures	
6. Number of Credit Hours (Total) / Number of Units (Total)	
30 hours/30 credits	
7. Course administrator's name (mention all, if more than one name)	
Name: Prof. Amjad Rahim Muhammad Abdulla (PhD.) Email: : ed.amjad.rahim@uoanbar.edu.iq	
8. Course Objectives	
<b>Course Objectives</b>	- Learn about the classification of cities and their functions -Identify the theories that addressed the urban growth of cities and regional relations -Identify the sizes of cities and their economic basis
9. Teaching and Learning Strategies	
<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.

10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Receive and discuss	Classification of cities	The lecture	Oral tests
The second	2	Receive and discuss	City function	The lecture	Oral tests
the third	2	Receive and discuss	The economic basis of cities	The lecture	Oral tests
the fourth	2	Receive and discuss	Sizes of cities	The lecture	Oral tests
Fifth	2	Receive and discuss	Characteristics of urban residents	The lecture	Oral tests
The sixth	2	Receive and discuss	Central place theory	The lecture	Written tests
Seventh	2	Receive and discuss	City morphology	The lecture	Oral tests
The eighth	2	Receive and discuss	The basic plan of the city	The lecture	Oral tests
The ninth	2	Receive and discuss	City planning	The lecture	Oral tests
The tenth	2	Receive and discuss	City problems	The lecture	Oral tests
eleventh	2	Receive and discuss	Future perspective of the city	The lecture	Oral tests
twelfth	2	Receive and discuss	Urban fringes	The lecture	Written tests
Thirteenth	2	Receive and discuss	Cities region	The lecture	Oral tests
fourteenth	2	Receive and discuss	Regional relations	The lecture	Oral tests
Fifteenth	2	Receive and discuss	Selected applications on the cities of Anbar Governorate	The lecture	Written tests

### 11. 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.

### 12. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Sabri Fares Al-Hiti and Saleh Falih Hassan, Geography of Cities, Dar Al-Kutub for Printing and Publishing, University of Mosul, 2000.
Main references (source)	Muhammad Saleh Rabie, Geography of Cities, Adab Press, Baghdad, 2016
Recommended books and references (scientific journals, reports...)	Saeed Khalil Al-Qazizi, Urban Studies, 2020
Electronic references, websites.	<a href="https://www.muthar-alomar.com">https://www.muthar-alomar.com</a>

## Course Description

1. Course Name:
Geographical research methods
2. Course Code:
3. Semester / Year:
Semester 2/ 2023-2024
4. Description Preparation Date:
17/9/2023
5. Available Attendance Forms:
Lectures
6. Number of Credit Hours (Total) / Number of Units (Total)
30 hours/30 credits
7. Course administrator's name (mention all, if more than one name)

Name: Prof. Iyad Muhammad Mukhlif (PhD.)

Email: : [ed.iyad.mohammed@uoanbar.edu.iq](mailto:ed.iyad.mohammed@uoanbar.edu.iq)

## 8. Course Objectives

<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>- The student should understand the nature of geographical research methods.</li> <li>- The student will know how to choose topics for graduation research.</li> <li>- That the student understands the foundations, methods, and method of writing research..</li> </ul>
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## 9. Teaching and Learning Strategies

<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.
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## 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Receptivity and understanding	Geography: its concept, fields and goals	The lecture	Oral and written tests
The second	2	Receive and discuss	Science, knowledge and scientific research	The lecture	Oral and written tests
the third	2	Receive and discuss	Patterns of scientific research	The lecture	Exams
the fourth	2	Receive and discuss	Geographical research methods	The lecture	Real-time tests
Fifth	2	Receive and discuss	Scientific research supplies	The lecture	the exams
The sixth	2	Receive and discuss	Steps for preparing scientific research	The lecture	daily exams
The seventh	2	Receive and discuss	Steps for preparing scientific research	The lecture	Oral and written tests
The eighth	2	Receive and discuss	Steps for preparing scientific research	The lecture	Oral and written exams
The ninth	2	Receive and discuss	General rules for scientific writing	The lecture	Exams
The tenth	2	Receive and discuss	General rules for scientific writing	The lecture	the exams



eleventh	2	Receive and discuss	Quotation/documentation methods/	The lecture	the exams
Twelfth	2	Receive and discuss	Rules for using tables, graphs, pictures and maps	The lecture	Exams
Thirteenth	2	Receive and discuss	Data and information sources	The lecture	Oral and written tests
fourteenth	2	Receive and discuss	Field study methods	The lecture	Oral and written tests
Fifteenth	2	Receive and discuss	Questionnaire and data classification	The lecture	Exams

## 11. 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.

## 12. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Geographical research methods Dr. Abdul Raz Mohammed Al Butaihi
Main references (source)	Foundations and ethics of scientific research / Prof. Dr. Hussein Al-Zayadi Geographic research methods from a contemporary perspective, Prof. Dr. Muhammad Azhar Saeed Sammak
Recommended books and references (scientific journals, reports...)	
Electronic references, websites.	

## Course Description

1. Course Name:
Educational and psychological guidance
2. Course Code:
EH 3206
3. Semester / Year:
Semester 2/ 2023-2024
4. Description Preparation Date:

17/9/2023

5. Available Attendance Forms:

Lectures

6. Number of Credit Hours (Total) / Number of Units (Total)

45 hours/45 credits

7. Course administrator's name (mention all, if more than one name)

Name: mu.m. Ibraheem Hamad Shabeb

Email: abody2017ra@uoanbar.edu.iq

8. Course Objectives

Course Objectives

'iiedad milakat dhat kifayat fi majal aljughrafiat wa'iiqlimiaa waealamia-  
- limusahamat fi tatwir almulakat aleamilat fi majal aljughrafiat wafurueiha almukhtalifat fi muasasat aldawlat wadawayiriha nashar alwaey aljughrafiu wa'iiqamat nadawat taweat fi hadha almajal muhawalat 'iisal almadat bi'ashal alturuq, wanashr thaqafat altaealum al'iilikturnii ( altaealum ean buedin)-  
fahum almawadi wa'iidahuha ealaa wifq mufradat almanhaji-  
astikhdam alturuq almuyasarat li'iisal almadati-  
- astieab muyulat altalabat fi alayadah, wakashf alfuruq alfordiat waltaearuf ealayha, wamuhawalat altaeamul maeaha bidiqa

9. Teaching and Learning Strategies

Strategy

aistiratijiaat watarayiq altaelim waltaealum almuetamadat fi tanfi albarnamaj bishakl eamin minha taklif altaalib bibaed al'anishi walwajibat aljamaeiati. takhsis nisbat min aldarajat lilwajibat alyawmiat walaikhtibarat

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Receptivity and understanding	alarshadi, maenahu, nash'atuhu, mabadiuh wahdafuh walealaqat bayn	The lecture	aliaikhtibarat alshafawiat waltahriria

			alarshad waleulum alakhraa majalat aliarshadi, alturuq alarshadia		
The second	3	Receive and discuss	'asas alarshadi, taraq alarsha	The lecture	aliaikhtibarat alshafawiat waltahriria
the third	3	Receive and discuss	nazariaat alarshadi, altahlil alnafsi, alsulukia	The lecture	alaimtihanat
the fourth	3	Receive and discuss	almaelumat allaazimat lilairshad 'ahamiyat almaelumati, wasayil jame almaelumat	The lecture	alaikhtibarat alania
Fifth	3	Receive and discuss	alarshad waltawjih fi almdrasati, almudaris almurshida, wazayifuh waedaduh almurshid altarbawi, wazayifuh waedaduh walhajat ala baramij alarshad.	The lecture	alaikhtibarat
VI	3	Receive and discuss	almushkilat alati yatanawaluha alarshad altarbawi, maenaa alsihat alnafsiati, waealaqitiha, wa'ahdafuha wa'ahamiyatiha malamih alshakhs alsawii wallaasuii, takamul alshakhsiati.	The lecture	alaimtihanat alyawmia
Seventh	3	Receive and discuss	alazimat alnafsiat maenaa alazimati, 'asbabha, masadiraha, alturuq alsalima lihaliha	The lecture	aliaikhtibarat alshafawiat waltahriria
VIII	3	Receive and discuss	mikanizimat aldifae wa'anwaeuha wal'asalib alhurubia	The lecture	aliaikhtibarat alshafawiat waltahriria
The ninth		Receive and discuss	majalis al'iiba' walmuealimi alhajat alaa baramij alarshad fi almdrasa	The lecture	alaimtihanat
The tenth	3	Receive and discuss	nazariaat alarshad , alnazariaat alwujudiat , alnazariaat al'iinsania	The lecture	alaikhtibarat
eleventh	3	Receive and discuss	huquq alwalidayni. jawanib altashrie alaslami, taeat alwalidayn walahisan aliahima	The lecture	alaikhtibarat
twelveth	3	Receive and discuss	alshakhs alsawiu waghayr alsawii takamul alshakhsia	The lecture	alaimtihanat
Thirteenth	3	Receive and discuss	altawafuqu, maenah watabieatuh wa'anwaeuh wakhasayis alshakhs almutawafiqi.	The lecture	aliaikhtibarat alshafawiat waltahriria
fourteenth	3	Receive and discuss	altakayuf waltawafuq walealaqat baynahuma.	The lecture	aliaikhtibarat alshafawiat waltahriria
Fifteenth	3	Receive and discuss	khasayis almurshid altarbawii	The lecture	alaimtihanat

## 11. 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.

## 12. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	mabadi altawjih wal'irshad alnafsi, - sami muhamad malham, 2010
Main references (source)	-altawjih wal'irshad alnafsi, hamid eabdalsalam zahran (2005)
Recommended books and references (scientific journals, reports...)	
Electronic references, websites.	

## Course Description

<b>1. Course Name:</b>	
Educational and psychological guidance	
<b>2. Course Code:</b>	
EH 3206	
<b>3. Semester / Year:</b>	
Semester 2/ 2023-2024	
<b>4. Description Preparation Date:</b>	
17/9/2023	
<b>5. Available Attendance Forms:</b>	
Lectures	
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>	
45 hours/45 credits	
<b>7. Course administrator's name (mention all, if more than one name)</b>	
Name: mu.m. Ibraheem Hamad Shabeb Email: abody2017ra@uoanbar.edu.iq	
<b>8. Course Objectives</b>	
<b>Course Objectives</b>	<p>'iiedad milakat dhat kifayat fi majal aljughrafiat wa'iiqlimiaa waealamia-</p> <ul style="list-style-type: none"> <li>- limusahamat fi tatwir almulakat aleamilat fi majal aljughrafiat wafurueiha almukhtalifat fi muasasat aldawlat wadawayiriha nashar alwaey aljughrafiu wa'iiqamat nadawat taweiat fi hadha almajal muhawalat 'iisal almadat bi'ashal alturuq, wanashr thaqafat altaealum al'iilikturnii ( altaealum ean buedin)-</li> <li>fahum almawadi wa'idahuha ealaa wifq mufradat almanhaji-</li> <li>astikhdam alturuq almuyasarat li'iisal almadati-</li> <li>- astieab muyulat altalabat fi alayadah, wakashf alfuruq alfardiat waltaearuf ealayha, wamuhawalat altaeamul maeaha bidiqa</li> </ul>
<b>9. Teaching and Learning Strategies</b>	
<b>Strategy</b>	aistiratijiaat watarayiq altaelim waltaealum almuetamadat fi tanfi albarnamaj bishakl eamin minha taklif altaalib bibaed al'anishi walwajibat aljamaeiati. takhsis nisbat min aldarajat lilwajik alyawmiat walaikhtibarat

10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Receptivity and understanding	alarshadi, maenahu, nash'atuhu, mabadiuh wahdafuh walealaqat bayn alarshad waleulum alakhraa majalat aliarshadi, alturuq alarshadia	The lecture	aliaikhtibarat alshafawiat waltahriria
The second	3	Receive and discuss	'asas alarshadi, taraq alarsha	The lecture	aliaikhtibarat alshafawiat waltahriria
the third	3	Receive and discuss	nazariaat alarshadi, altahlil alnafsi, alsulukia	The lecture	alaimtihanat
the fourth	3	Receive and discuss	almaelumataz alazimat lilairshad 'ahamiyat almaelumati, wasayil jame almaelumataz	The lecture	alaikhtibarat alania
Fifth	3	Receive and discuss	alarshad waltawjih fi almadrasati, almudaris almurshida, wazayifuh waedaduh almurshid altarbawi, wazayifuh waedaduh walhajat ala baramij alarshad.	The lecture	alaikhtibarat
VI	3	Receive and discuss	almushkilat alati yatanawaluha alarshad altarbawi, maenaa alsihat alnafsiati, waealaqitiha, wa'ahdafuha wa'ahamiyatiha malamih alshakhs alsawii wallaasuii, takamul alshakhsiati.	The lecture	alaimtihanat alyawmia
Seventh	3	Receive and discuss	alazimat alnafsiat maenaa alazimati, 'asbabha, masadiraha, alturuq alsalima lihaliha	The lecture	aliaikhtibarat alshafawiat waltahriria
VIII	3	Receive and discuss	mikanizimat aldifae wa'anwaeuha wal'asalib alhurubia	The lecture	aliaikhtibarat alshafawiat waltahriria
The ninth		Receive and discuss	majalis al'iiba' walmuealimi alhajat alaa baramij alarshad fi almadrassa	The lecture	alaimtihanat
The tenth	3	Receive and discuss	nazariaat alarshad , alnazariaat alwujudiya , alnazariaat al'iinsania	The lecture	alaikhtibarat
eleventh	3	Receive and discuss	huquq alwalidayni. jawanib altashrie alaslami, taat alwalidayn walahisan aliahima	The lecture	alaikhtibarat
twelveth	3	Receive and discuss	alshakhs alsawii waghayr alsawii takamul alshakhsia	The lecture	alaimtihanat
Thirteenth	3	Receive and discuss	altawafuqu, maenah	The lecture	aliaikhtibarat

			watabieatuh wa'anwaeuh wakhasayis alshakhs almutawafiqi.		alshafawiat waltahriria
fourteenth	3	Receive and discuss	altakayuf waltawafuq walealaqat baynahuma.	The lecture	aliaikhtibarat alshafawiat waltahriria
Fifteenth	3	Receive and discuss	khasayis almurshid altarbawii	The lecture	alaimtihanat

## 11. 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.

## 12. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	mabadi altawjih wal'irshad alnafsi, - sami muhamad malham, 2010
Main references (source)	-altawjih wal'irshad alnafsi, hamid eabdalsalam zahran (2005)
Recommended books and references (scientific journals, reports...)	
Electronic references, websites.	

## Course Description

289. Course Name:	Geography of Transport		
290. Course Code:	G4102		
291. Semester / Year:	Semester 1/ 2023-2024		
292. Description Preparation Date:	17/9/2023		
293. Available Attendance Forms:	Lectures		
294. Number of Credit Hours (Total) / Number of Units (Total)	45 hours/45 credits		
295. Course administrator's name (mention all, if more than one name)	Name: Asst. Prof. Mohanad Abed Hammad (PhD.) Email: : <a href="mailto:mohanadhammad@uoanbar.edu.iq">mohanadhammad@uoanbar.edu.iq</a>		
296. Course Objectives	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; background-color: #e1eef6; vertical-align: top;"><b>Course Objectives</b></td> <td> <ul style="list-style-type: none"> <li>● To know the concepts of transportation.</li> <li>● To learn about the modern development of transportation.</li> <li>● To understand how transportation affects people's lives.</li> <li>● To understand how transportation affects the environment.</li> <li>● To learn about sustainable transportation.</li> </ul> </td> </tr> </table>	<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>● To know the concepts of transportation.</li> <li>● To learn about the modern development of transportation.</li> <li>● To understand how transportation affects people's lives.</li> <li>● To understand how transportation affects the environment.</li> <li>● To learn about sustainable transportation.</li> </ul>
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>● To know the concepts of transportation.</li> <li>● To learn about the modern development of transportation.</li> <li>● To understand how transportation affects people's lives.</li> <li>● To understand how transportation affects the environment.</li> <li>● To learn about sustainable transportation.</li> </ul>		
297. Teaching and Learning Strategies			



<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.
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**298. Course Structure**

<b>Week</b>	<b>Hours</b>	<b>Required Learning Outcomes</b>	<b>Unit or subject name</b>	<b>Learning method</b>	<b>Evaluation method</b>
the first	3	Receptivity and understanding	Historical development of transportation	Historical development of transportation	Historical development of transportation
The second	3	Receive and discuss	The importance of transportation	The importance of transportation	The importance of transportation
the third	3	Receive and discuss	Natural factors affecting transportation	Natural factors affecting transportation	Natural factors affecting transportation
the fourth	3	Receive and discuss	Human factors	Human factors	Human factors
Fifth	3	Receive and discuss	Types of transportation	Types of transportation	Types of transportation
The sixth	3	Receive and discuss	Modes of transportation - transportation by car	Modes of transportation - transportation by car	Modes of transportation - transportation by car
The seventh	3	Receive and discuss	Railway transportation	Railway transportation	Railway transportation
The eighth	3	Receive and discuss	Pipeline transportation	Pipeline transportation	Pipeline transportation
The ninth	3	Receive and discuss	River transport	River transport	River transport
The tenth	3	Receive and discuss	Shipping	Shipping	Shipping
eleventh	3	Receive and discuss	Air transport	Air transport	Air transport
Twelfth	3	Receive and discuss	Transportation problems	Transportation problems	Transportation problems
Thirteenth	3	Receive and discuss	Transportation efficiency analysis	Transportation efficiency analysis	Transportation efficiency analysis
fourteenth	3	Receive and discuss	Transportation planning	Transportation planning	Transportation planning
Fifteenth	3	Receive and discuss	Sustainable transportation	Sustainable transportation	Sustainable transportation

**299. 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.

300. Learning and Teaching Resources	
Required textbooks ( curricular books, if any)	-Geography of transport by Abed Al Nasir Mohanad Abed. 2019
Main references (source)	Geography of transport by Mohamed Khamis.2008
Recommended books and references (scientific journals, reports...)	Lectures of transport
Electronic references, websites.	

### Course Description

13. Course Name:	Human rights and democracy
14. Course Code:	
15. Semester / Year:	Semester 1/ 2023-2024
16. Description Preparation Date:	17/9/2023
17. Available Attendance Forms:	Lectures
18. Number of Credit Hours (Total) / Number of Units (Total)	30 hours/30 credits
19. Course administrator's name (mention all, if more than one name)	Name: Dr. Ahmed mahmood hamood Email: <a href="mailto:ahmed.m.h@uoanbar.edu.iq">ahmed.m.h@uoanbar.edu.iq</a>
20. Course Objectives	
Course Objectives	-Informing students about human rights in ancient, medieval, and modern times -Developing the student's cultural awareness

-Informing the student about the experiences of nations and the most important international resolutions, charters and instruments.

## 21. Teaching and Learning Strategies

### Strategy

Learning and teaching strategies and methods dependent in implementation of the program in general.

## 22. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Receptivity and understanding	<b>Introduction to the truth and the concept of human rights</b>	The lecture	Oral and written tests
The second	2	Receive and discuss	<b>Human Rights in Islam</b>	The lecture	Oral and written tests
the third	2	Receive and discuss	<b>Human rights in the Middle Ages</b>	The lecture	Exams
the fourth	2	Receive and discuss	<b>Human rights in modern times</b>	The lecture	Oral and written tests
Fifth	2	Receive and discuss	<b>Content of human rights at the level of international instruments</b>	The lecture	Oral and written tests
VI	2	Receive and discuss	<b>Content of human rights at the national level</b>	The lecture	Exams
Seventh	2	Receive and discuss	<b>Contemporary recognition of human rights at the international level</b>	The lecture	Oral and written tests
VIII	2	Receive and discuss	<b>Contemporary recognition of human rights at the NGO level</b>	The lecture	Oral and written tests
The ninth	2	Receive and discuss	<b>Guarantees and protection of constitutional human rights at the national level</b>	The lecture	Exams
The tenth	2	Receive and discuss	<b>Guarantees and protection of political human rights at the national level</b>	The lecture	the exams
eleventh	2	Receive and discuss	<b>Forms and generations of human rights</b>	The lecture	the exams
twelveth	2	Receive and discuss	<b>The phenomenon of administrative corruption</b>	The lecture	Exams
Thirteenth	2	Receive and discuss	<b>Types and classification of corruption phenomenon</b>	The lecture	Oral and written tests
fourteenth	2	Receive and discuss	<b>Successful methodological remedies for combating</b>	The lecture	Oral and written tests

			<b>corruption and protecting society from it</b>		
Fifteenth	2	Receive and discuss	<b>Democracy, its concept, definition, characteristics, features</b>	The lecture	Exams

### 23. 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.

### 24. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Sabri Al-Hadithi, human rights
Main references (source)	
Recommended books and references (scientific journals, reports...)	Lectures on human rights and democracy
Electronic references, websites.	

## Course Description

301. Course Name:	Geography of politics
302. Course Code:	G4101
303. Semester / Year:	Semester 2/ 2023-2024
304. Description Preparation Date:	17/9/2023
305. Available Attendance Forms:	Lectures
306. Number of Credit Hours (Total) / Number of Units (Total)	45 hours/45 credits

**307. Course administrator's name (mention all, if more than one name)**

Name: asse Prof. DR. omer kamer hasen

Email: : ed.omer.kamel@uoanbar.edu.iq

**308. Course Objectives**

**Course Objectives**

-To know the concepts of political geography.

2- To learn about the modern development of political science.

- 3- To understand how borders and relationships affect politics

**309. Teaching and Learning Strategies**

**Strategy**

Learning and teaching strategies and methods dependent in implementation of the program in general.

**310. Course Structure**

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	The borders of the Arab world	Introduction to geo politics	The lecture	Oral and written tests
The second	2	Mountains in the Arab world	Meaning of borders	The lecture	Oral and written tests
the third	2	Plains and plateaus	Meaning of frontier	The lecture	Exams
the fourth	2	Climate in the Arab world	State components	The lecture	Oral and written tests
Fifth	2	Temperatures and rain	Theories of state power	The lecture	Exams
VI	2	Climatic regions	The great nations	The lecture	Oral and written tests
Seventh	2	Soils, their types and distribution	Natural ingredients	The lecture	Exams

VIII	2	Water Resources	climate	The lecture	Oral and written tests
The ninth	2	The Arab Levant collapsed	Population	The lecture	Exams
The tenth	2	The Maghreb collapse	State form	The lecture	the exams
eleventh	2	Economy of the Arab world	Water	The lecture	the exams
twelveth	2	Agricultural Production	State economy	The lecture	Exams
Thirteenth	2	Population	commerce	The lecture	Oral and written tests
fourteenth	2	Oil	Transportation	The lecture	Oral and written tests
Fifteenth	2	Transport	Borders between countries	The lecture	Exams

### 311. 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.

### 312. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	geo politics mohammed alsmak
Main references (source)	
Recommended books and references (scientific journals, reports...)	- Lectures on the geography of polit
Electronic references, websites.	

## Course Description

313. Course Name:
Geography of iraq
314. Course Code:

315. Semester / Year:					
Semester 2/ 2023-2024					
316. Description Preparation Date:					
17/9/2023					
317. Available Attendance Forms:					
Lectures					
318. Number of Credit Hours (Total) / Number of Units (Total)					
45 hours/45 credits					
319. Course administrator's name (mention all, if more than one name)					
Name: Prof. DR. masheel faisal qthab					
Email: : ed.khalid.alhamdani@uoanbar.edu.iq					
320. Course Objectives					
<b>Course Objectives</b>		<p>1 - know the concepts of the sections of the surface of Iraq.</p> <p>2- To know the elements of climate.</p> <ul style="list-style-type: none"> <li>• 3- To understand how activities affect each other..</li> </ul>			
321. Teaching and Learning Strategies					
<b>Strategy</b>		Learning and teaching strategies and methods dependent in implementation of the program in general.			
322. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	The borders of the Arab world	Iraq website	The lecture	Oral and written tests
The second	2	Mountains in the Arab world	Iraq borders	The lecture	Oral and written tests
the third	2	Plains and plateaus	Mountains in Iraq	The lecture	Exams
the fourth	2	Climate in the Arab world	plateaus	The lecture	Oral and written tests

Fifth	2	Temperatures and rain	Climate in Iraq	The lecture	Exams
VI	2	Climatic regions	Plains and Temperatures and rain	The lecture	Oral and written tests
Seventh	2	Soils, their types and distribution	Climatic regions	The lecture	Exams
VIII	2	Water Resources	Soils, their types and distribution	The lecture	Oral and written tests
The ninth	2	The Arab Levant collapsed	Water Resources	The lecture	Exams
The tenth	2	The Maghreb collapsed	Iraq's economy	The lecture	the exams
eleventh	2	Economy of the Arab world	Agricultural Production	The lecture	the exams
twelveth	2	Agricultural Production	Cereal crops Industrial crops	The lecture	Exams
Thirteenth	2	Population	Animal	The lecture	Oral and written tests
fourteenth	2	Oil	Production	The lecture	Oral and written tests
Fifteenth	2	Transport	Population	The lecture	Exams

### 323. 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.

### 324. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	G IRAQ
Main references (source)	
Recommended books and references (scientific journals, reports...)	- Lectures on the geography of Iraq
Electronic references, websites.	



## Course Description

325. Course Name:	
<b>GIS</b>	
326. Course Code:	
327. Semester / Year:	
Semester 1/ 2023-2024	
328. Description Preparation Date:	
17/9/2023	
329. Available Attendance Forms:	
Lectures	
330. Number of Credit Hours (Total) / Number of Units (Total)	
45 hours/45 credits	
331. Course administrator's name (mention all, if more than one name)	
Name: Asst. Prof. Ameer Mohammed Khalaf (PhD.) Email: : <a href="mailto:ed.amir.mohammad@uoanbar.edu.iq">ed.amir.mohammad@uoanbar.edu.iq</a> Name: Asst. Prof. Zuhair Jaber Mushref (PhD.) Email: : <a href="mailto:ed.zuhair.jaber@uoanbar.edu.iq">ed.zuhair.jaber@uoanbar.edu.iq</a>	
332. Course Objectives	
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>- To understand how to realize the linguistic elements of the GIS.</li> <li>- To know the basic patterns and elements of the GIS.</li> <li>- To know how the sentence is GIS.</li> </ul>
333. Teaching and Learning Strategies	
<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general GIS.

### 334. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Receptivity and understanding	Geographic information systems: its concept, sources, and importance.	The lecture	Oral and written tests
The second	3	Receive and discuss	Geographic information systems: their importance and characteristics.	The lecture	Oral and written tests
the third	3	Receive and discuss	Geographic information systems: concept foundations, modernization	The lecture	Exams
the fourth	3	Receive and discuss	Behavioral objectives in geographic information systems	The lecture	Real-time tests
Fifth	3	Receive and discuss	Geographic information systems teaching skills.	The lecture	the exams
The sixth	3	Receive and discuss	Educational methods derived from programs	The lecture	daily exams
The seventh	3	Receive and discuss	Characteristics of a GIS teacher.	The lecture	Oral and written tests
The eighth	3	Receive and discuss	Recent trends in teaching geographic information systems	The lecture	Oral and written exams
The ninth	3	Receive and discuss	Recent trends in teaching visual interpretation	The lecture	Exams
The tenth	3	Receive and discuss	Modern trends in teaching program tools	The lecture	exams
eleventh	3	Receive and discuss	Recent trends in teaching geographic information systems	The lecture	exams
Twelfth	3	Receive and discuss	Recent trends in teaching geographic information systems	The lecture	Exams

Thirteenth	3	Receive and discuss	Modern trends in teaching practices	The lecture	Oral and written tests
fourteenth	3	Receive and discuss	Educational methods in teaching geographic information systems	The lecture	Oral and written tests
Fifteenth	3	Receive and discuss	Evaluation tools in teaching geographic information systems	The lecture	Exams

### 335. 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.

### 336. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	<ul style="list-style-type: none"> <li>- Geographic Information Systems (GIS), Prof. Dr. Mishal Mahmoud Fayyad Al-Jumaili.</li> <li><input type="checkbox"/> Other:</li> <li>- Teaching applied programs from the American company Apsri.</li> <li>- Practical applications in our college's computer lab.</li> <li>- Practical lectures, Dr. Ameer Mohammed Khalaf Al-Dulaimi.</li> <li>- Satellite visual models</li> <li>- Maps of the General Authority for Survey.</li> </ul>
Main references (source)	GIS
Recommended books and references (scientific journals, reports...)	GIS
Electronic references, websites.	

## Course Description

337. Course Name:	
Contemporary English Grammar	
338. Course Code:	
339. Semester / Year:	
Semester 1/ 2023-2024	
340. Description Preparation Date:	
17/9/2023	
341. Available Attendance Forms:	
Lectures	
342. Number of Credit Hours (Total) / Number of Units (Total)	
30 hours/30 credits	
343. Course administrator's name (mention all, if more than one name)	
Name: Doctor teacher . Salam Sbbbar Malik	
Email: : <a href="mailto:ssmalak@uoanbar.edu.iq">ssmalak@uoanbar.edu.iq</a>	
344. Course Objectives	
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>- To understand how to realize the linguistic elements of the sentence in different functions.</li> <li>- To know the basic patterns and elements of the sentence.</li> <li>- To know how the sentence is formed and structured.</li> </ul>
345. Teaching and Learning Strategies	
<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.

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### 346. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Receptivity and understanding	Measurement, know it, its types, and its functions	The lecture	Oral and written tests
The second	2	Receive and discuss	The test, its concept, classification	The lecture	Oral and written tests
the third	2	Receive and discuss	Calendar, its concept, types, and importance	The lecture	Exams
the fourth	2	Receive and discuss	Educational goals, their functions, and classification	The lecture	Real-time tests
Fifth	2	Receive and discuss	Determine the content (table of specifications)	The lecture	the exams
The sixth	2	Receive and discuss	Writing questions, arranging them, and providing instructions	The lecture	daily exams
The seventh	2	Receive and discuss	Exploratory experiment	The lecture	Oral and written tests
The eighth	2	Receive and discuss	Types of achievement tests oral	The lecture	Oral and written exams
The ninth	2	Receive and discuss	Written tests, their advantages and disadvantages	The lecture	Exams
The tenth	2	Receive and discuss	Essay tests, their advantages and disadvantages	The lecture	exams
eleventh	2	Receive and discuss	Objective tests, their types, advantages and disadvantages	The lecture	exams
Twelfth	2	Receive and discuss	Performance tests, their types, advantages and disadvantages	The lecture	Exams
Thirteenth	2	Receive and discuss	Extracting statistical characteristics of test items	The lecture	Oral and written tests
fourteenth	2	Receive and discuss	Estimating the effectiveness of alternatives	The lecture	Oral and written tests

Fifteenth	2	Receive and discuss	Non-test methods	The lecture	Exams
<b>347. Course Evaluation</b>					
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.					
<b>348. Learning and Teaching Resources</b>					
Required textbooks ( curricular books, if any)			Measurement and evaluation in the educational process written by Dr. Ihsan Aliwi Al-Dulaimi and Dr. Ahmad Mahmoud Al-Mahdawi 2005		
Main references (source)			Measurement and evaluation in the educational process written by Dr. Ihsan Aliwi Al-Dulaimi and Dr. Ahmad Mahmoud Al-Mahdawi 2005		
Recommended books and references (scientific journals, reports...)			Lectures on measurement and evaluation		
Electronic references, websites.					

## Course Description

<b>1. Course Name:</b>
Social geography
<b>2. Course Code:</b>
<b>3. Semester / Year:</b>
Semester 1/ 2023-2024
<b>4. Description Preparation Date:</b>
17/9/2023
<b>5. Available Attendance Forms:</b>
Lectures
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>
45 hours/45 credits
<b>7. Course administrator's name (mention all, if more than one name)</b>
Name: Prof. saadon thaher khalef (PhD.) Email: : <a href="mailto:ed.saadoun.zahir@uoanbar.edu.iq">ed.saadoun.zahir@uoanbar.edu.iq</a>
<b>8. Course Objectives</b>

<b>Course Objectives</b>	1- To know the concepts of individual differences in social geography.
	2- To learn about the modern development of social geography concepts.
	3- To understand how social customs affect...
	4- To understand how the social environment affects

### 9. Teaching and Learning Strategies

<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.
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### 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Receptivity and understanding	Learn what social geography is	The lecture	Oral and written tests
The second	2	Receive and discuss	History of social geography	The lecture	Oral and written tests
the third	2	Receive and discuss	Its founders and their participation in its emergence	The lecture	Exams
the fourth	2	Receive and discuss	The relationship of social	The lecture	Real-time tests

			sciences with other sciences		
Fifth	2	Receive and discuss	What are the curricula he follows?	The lecture	the exams
The sixth	2	Receive and discuss	What are its branches?	The lecture	daily exams
The seventh	2	Receive and discuss	Knowledge of operations within cities	The lecture	Oral and written tests
The eighth	2	Receive and discuss	Study its schools Study of human	The lecture	Oral and written exams
The ninth	2	Receive and discuss	relations with the environment	The lecture	Exams
The tenth	2	Receive and discuss	Knowledge of the field of social geography	The lecture	exams
eleventh	2	Receive and discuss	Is migration a phenomenon or a result?	The lecture	exams
Twelfth	2	Receive and discuss	How did environmental problems arise?	The lecture	Exams
Thirteenth	2	Receive and discuss	Is urbanization one of the causes of social geography?	The lecture	Oral and written tests
fourteenth	2	Receive and discuss	How did you study social	The lecture	Oral and written tests



			geography?		
Fifteenth	2	Receive and discuss	What are the factors affecting social customs?	The lecture	Exams

### 11. 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.

### 12. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Modeling and statistics by sami azia and ayad al Al-Tae
Main references (source)	Social geography.basim abd alziz
Recommended books and references (scientific journals, reports...)	Lectures on statics
Electronic references, websites.	

## Course Description

349. Course Name:	Geographic Thought
350. Course Code:	
351. Semester / Year:	Semester 2/ 2023-2024
352. Description Preparation Date:	17/9/2023
353. Available Attendance Forms:	Lectures
354. Number of Credit Hours (Total) / Number of Units (Total)	45 hours/45 credits
355. Course administrator's name (mention all, if more than one name)	

Name: Prof. abd ulrazzaq mohammed (PhD.)

Email: : [ed.abdulrazak.mohammed@uoanbar.edu.iq](mailto:ed.abdulrazak.mohammed@uoanbar.edu.iq)

### 356. Course Objectives

#### Course Objectives

1- know the concepts of geographical thought.

2- To learn about the development that has occurred in geographical thought.

3- To understand the stages that geography has gone through

### 357. Teaching and Learning Strategies

#### Strategy

Learning and teaching strategies and methods dependent in implementation of the program in general.

### 358. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	Receptivity and understanding	What is geographical thought?	The lecture	Oral and written tests
The second	2	Receive and discuss	Geographic thought of ancient civilizations	The lecture	Oral and written tests
the third	2	Receive and discuss	Geographical thought among ancient Iraqis	The lecture	Exams
the fourth	2	Receive and discuss	Geographic		

			thought of the ancient Egyptians		
Fifth	2	Receive and discuss	Geographical thought among the ancient Chinese and Indians		
VI	2	Receive and discuss	Geographical thought among the Greeks		
Seventh	2	Receive and discuss	Geographical thought among pre-Islamic Arabs		
VIII	2	Receive and discuss	Arab-Islamic geographical thought		
The ninth	2	Receive and discuss	Islamic descriptive maps and geography		
The tenth	2	Receive and discuss	Marine geography and the development of geography	The lecture	the exams

eleventh	2	Receive and discuss	Geography in later times	The lecture	the exams
twelveth	2	Receive and discuss	Modern geography	The lecture	Exams
Thirteenth	2	Receive and discuss	Contemporary geography	The lecture	Oral and written tests
fourteenth	2	Receive and discuss	Contemporary geographical schools	The lecture	Oral and written tests
Fifteenth	2	Receive and discuss	Using modern means and technologies	The lecture	Exams

### 359. 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.

### 360. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	- Geographic Thought/Abdul Khalil Fadil -
Main references (source)	Geographic thought, its origins and method Sabri Fares Al-Hiti
Recommended books and references (scientific journals, reports...)	
Electronic references, websites.	

## Course Description

1. Course Name:
Environment and pollution
2. Course Code:
G
3. Semester / Year:
Semester 1/ 2023-2024
4. Description Preparation Date:
17/9/2023
5. Available Attendance Forms:

Lectures

6. Number of Credit Hours (Total) / Number of Units (Total)

45 hours/45 credits

7. Course administrator's name (mention all, if more than one name)

Name: Prof. DR. qusi abd husen

Email: : ed.qusi.abd@uoanbar.edu.iq

8. Course Objectives

**Course Objectives**

- 1- To know the concepts of environment and pollution.
- 2- To learn about modern development and sources of pollution.
- 3- To understand how human activities affect the environment.
- 4- To understand how the environment affects the economy countries

9. Teaching and Learning Strategies

**Strategy**

Learning and teaching strategies and methods dependent in implementation of the program in general.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Receptivity and understanding	<b>Definition of ecology</b>		
The second	3	Receive and discuss	<b>Ecosystem concept</b>		
the third	3	Receive and discuss	<b>Environment types</b>		
the fourth	3	Receive and discuss	<b>The importance of the environment</b>		
Fifth	3	Receive and discuss	<b>Environmental pollution</b>		
The sixth	3	Receive and discuss	<b>Air pollution</b>		
The seventh	3	Receive and discuss	<b>Sources of air pollution</b>		

The eighth	3	Receive and discuss	<b>Water pollution</b>		
The ninth	3	Receive and discuss	<b>Sources of water pollution</b>		
The tenth	3	Receive and discuss	<b>Soil contamination</b>		
eleventh	3	Receive and discuss	<b>Causes of soil pollution</b>		
Twelfth	3	Receive and discuss	<b>Noise Pollution</b>		
Thirteenth	3	Receive and discuss	<b>Causes of noise pollution</b>		
fourteenth	3	Receive and discuss	<b>Treating air pollution</b>		
Fifteenth	3	Receive and discuss	<b>Treating water pollution</b>	The lecture	Exams

### 11. 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.

### 12. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Geographic environment;mohammed mahmud slman
Main references (source)	
Recommended books and references (scientific journals, reports...)	
Electronic references, websites.	

## Course Description

361. Course Name:
Geography of SERVICE
362. Course Code:

363. Semester / Year:					
Semester 2/ 2023-2024					
364. Description Preparation Date:					
17/9/2023					
365. Available Attendance Forms:					
Lectures					
366. Number of Credit Hours (Total) / Number of Units (Total)					
45 hours/45 credits					
367. Course administrator's name (mention all, if more than one name)					
Name: Prof. DR. masheel faisal qthab					
Email: : ed.khalid.alhamdani@uoanbar.edu.iq					
368. Course Objectives					
<b>Course Objectives</b>		1- know the concepts of geography of services. 2- To learn about the modern development of the science of geography of services. • 3- To understand how services are distributed geographically			
369. Teaching and Learning Strategies					
<b>Strategy</b>		Learning and teaching strategies and methods dependent in implementation of the program in general.			
370. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	The borders of the Arab world	Introduction to the geography of services	The lecture	Oral and written tests



The second	2	Mountains in the Arab world	services Types of	The lecture	Oral and written tests
the third	2	Plains and plateaus	importance of services	The lecture	Exams
the fourth	2	Climate in the Arab world	geography of services Types of	The lecture	Oral and written tests
Fifth	2	Temperatures and rain	Recent trends in the services and their role	The lecture	Exams
VI	2	Climatic regions	Community services departments in cities and The The role of services in community life	The lecture	Oral and written tests
Seventh	2	Soils, their types and distribution	Health Services	The lecture	Exams
VIII	2	Water Resources	Educational	The lecture	Oral and written tests
The ninth	2	The Arab Levant collapsed	services Educational	The lecture	Exams
The tenth	2	The Maghreb collapsed	services Infrastructure	The lecture	the exams
eleventh	2	Economy of the Arab world	services Water	The lecture	the exams
twelveth	2	Agricultural Production	services Sanitation	The lecture	Exams
Thirteenth	2	Population	services transport	The lecture	Oral and written tests
fourteenth	2	Oil	Services maps and their	The lecture	Oral and written tests

Fifteenth	2	Transport	importance	The lecture	Exams
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### 371. 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.

### 372. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	<b>G SERVICE.khalef husen ali</b>
Main references (source)	
Recommended books and references (scientific journals, reports...)	- Lectures on the geography of <b>G SERVICE</b>
Electronic references, websites.	

## Course Description

373. Course Name:	
Oceanography	
374. Course Code:	
375. Semester / Year:	
Semester 2/ 2023-2024	
376. Description Preparation Date:	
28/3/2024	
377. Available Attendance Forms:	
Lectures	
378. Number of Credit Hours (Total) / Number of Units (Total)	
45 hours/45 credits	
379. Course administrator's name (mention all, if more than one name)	
Name: Asst. Prof. Aws Talak Mashaan (PhD.)	
Email: : <a href="mailto:ed.aos.mishan@uoanbar.edu.iq">ed.aos.mishan@uoanbar.edu.iq</a>	
380. Course Objectives	
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>• – • That the student understands how to understand the developmental and scientific dimensions of seas and environments.</li> <li>• • For the student to become familiar with the concepts and elements of epistemology and oceans.</li> <li>• • To understand how new scientific articles are written in field</li> </ul>
381. Teaching and Learning Strategies	
<b>Strategy</b>	Learning and teaching strategies and methods dependent in implementation of the program in general.

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### 382. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Receptivity and understanding	Disciplines and oceans: concept	The lecture	Oral and written tests
The second	3	Receive and discuss	origin and development	The lecture	Oral and written tests
the third	3	Receive and discuss	Detection and study of print and ocean models	The lecture	Exams
the fourth		Receive and discuss	Anomalous sea surface		
Fifth		Receive and discuss	3 18/2/2024 Water and ocean temperature		
VI		Receive and discuss	Physical and chemical revenues for insurance		
Seventh		Receive and discuss	water and oceans		
VIII		Receive and discuss	Application		
The ninth		Receive and discuss	Application		
The tenth	3	Receive and discuss	Application	The lecture	the exams
eleventh	3	Receive and discuss	Application	The lecture	the exams
twelveth	3	Receive and discuss	Topography of the deep ocean floor	The lecture	Exams
Thirteenth	3	Receive and discuss	The biological environment of seas and oceans	The lecture	Oral and written tests
fourteenth	3	Receive and discuss	Water masses in the seas and oceans, tidal	The lecture	Oral and written tests
Fifteenth	3	Receive and discuss	movement, sea waves, sea current	The lecture	Exams

### 383. 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.

### 384. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	Oceanography
Main references (source)	
Recommended books and references (scientific journals, reports...)	Lecture of ocean and seas
Electronic references,	websites.

## Course Description

385. Course Name:	
New Headway plus	
386. Course Code:	
387. Semester / Year:	
Semester 2/ 2023-2024	
388. Description Preparation Date:	
17/9/2023	
389. Available Attendance Forms:	
Lectures	
390. Number of Credit Hours (Total) / Number of Units (Total)	
30 hours/12 credits	
391. Course administrator's name (mention all, if more than one name)	
Name: Asst. Instructor Rana Abdulwahid Fadhil	
Email: : <a href="mailto:ranoshlight@uoanbar.edu.iq">ranoshlight@uoanbar.edu.iq</a>	
392. Course Objectives	
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>- To understand how to realize the linguistic elements of the sentence in different functions.</li> <li>- To know the basic patterns and elements of the sentence.</li> <li>- To know how the sentence is formed and structured.</li> </ul>
393. Teaching and Learning Strategies	
<b>Strategy</b>	Learning and teaching strategies and methods dependent in

implementation of the program in general.

### 394. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
First	2	Receptivity and understanding	No Place like home	The lecture	Oral and written tests
Second	2	Receive and discuss	Been there, done that!	The lecture	Oral and written tests
Third	2	Receive and discuss	What a story!	The lecture	Exams
Fourth	2	Receive and discuss	Nothing but the truth	The lecture	Oral and written tests
Fifth	2	Receive and discuss	An eye to the future	The lecture	Oral and written tests
sixth	2	Receive and discuss	Making it big	The lecture	Oral and written tests
Seventh	2	Receive and discuss	Getting on together	The lecture	Oral and written tests
Eighth	2	Receive and discuss	Going to extremes	The lecture	Oral and written tests
Ninth	2	Receive and discuss	Things ani't what they used to be!	The lecture	Oral and written tests
Tenth	2	Receive and discuss	Risking life and limb	The lecture	the exams
Eleventh	2	Receive and discuss	In your dreams	The lecture	the exams
Twelveth	2	Receive and discuss	It's never too late	The lecture	Exams

### 395. 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.

### 396. Learning and Teaching Resources

Required textbooks ( curricular books, if any)	New Headway plus By: Liz and John
Main references (source)	New Headway plus By: Liz and John
Recommended books and references (scientific journals, reports...)	
Electronic references, websites.	

