



**Description of the academic program
& syllabus
of the Geography Department**

وصف البرنامج الأكاديمي
والمقرر الدراسي لقسم الجغرافيا

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

College of Basic Education - University of Babylon



2024-2025



Introduction

The Geography Department at the College of Basic Education is considered one of the important educational and scientific departments, as it seeks to prepare teachers and researchers who possess a solid knowledge base in geographical sciences and modern educational skills that enable them to effectively convey knowledge to students at various educational stages. The department is guided by a vision aimed at combining the theoretical academic dimension with the practical field dimension, in line with the college's mission to graduate educational cadres capable of contributing to the development of the educational process and serving the community

In light of the rapid transformations occurring in the world, the department places special emphasis on the use of modern technologies such as Geographic Information Systems (GIS), remote sensing, and spatial data analysis, in order to develop students' skills in dealing with digital tools and linking them to traditional geographical concepts. This approach contributes to equipping students with the necessary capabilities to keep pace with the demands of the modern era, with a focus on the educational aspect that enables them to utilize this knowledge in developing teaching methods and innovating effective educational strategies

The department also works on developing students' scientific thinking and spatial analysis skills, encouraging them to conduct applied field research that serves the local environment and contributes to addressing developmental and environmental challenges. Thus, the department combines the preparation of competent teachers who can perform their educational role with high efficiency and the preparation of geographical researchers capable of contributing to solving spatial problems through modern scientific perspectives

In conclusion, the Geography Department at the College of Basic Education aims to graduate teachers and researchers who possess a balance between academic knowledge and educational and practical skills, making them qualified to contribute to raising the level of education, serving the community, and achieving sustainable development.

Description of the academic program

<i>University Name</i>	<i>University of Babylon</i>
<i>College</i>	<i>College of Basic Education</i>
<i>Scientific Department</i>	<i>Geography</i>
<i>Academic Program Name</i>	<i>Bachelor's in Geography Education</i>
<i>Final Degree Name</i>	<i>Bachelor's in Basic Education</i>
<i>Study System</i>	<i>Semester</i>
<i>Approved Program</i>	<i>Courses and Specifications according to the Ministry</i>
<i>Other External Influences</i>	<i>Application in Educational Institutions</i>
<i>Date of Description Preparation</i>	<i>16/1/2025</i>
<i>Date of File Completion</i>	<i>16/1/2025</i>



The file was reviewed by
Prof. Dr. Ibtisam Sahab Mousa



Department liaison member
Assist. Lecturer Dr. Dua' Sabar Khudair



Signature:
Assistant Dean for scientific Affairs
Prof. Dr. Aref Hatim Al-Jubouri



Signature:
Head of the Department
Assist. Prof. Mytham Abdulkadham H



Approval :
Dean of the College
Prof. Dr. Ali Jabar Abdullah

1. Program Vision

To be a leader in preparing qualified geographical cadres scientifically and technically capable of employing geographical knowledge in the service of the community and sustainable development.

2. Program Mission

To provide comprehensive geographical education that combines theory and practice, qualifying students with modern scientific and technical skills that contribute to producing robust geographical knowledge that serves community and environmental issues.

3. Program Objectives

The objectives are divided into two sections:

1- General Objectives:

A- To prepare geographical competencies capable of serving the community and the labor market.

B- To develop geographical education using modern curricula and methods.

C- To enhance scientific research and academic participation in geography.

2- Specific Objectives:

A- To prepare geographical competencies capable of serving the community and the labor market.

B- To update curricula to link geography with labor market requirements.

C- To support students' research and practical capabilities through training and projects

4- Program Accreditation

The application has been submitted and is awaiting approval.

5- Other External Influences

Implementation in educational institutions, whether governmental or private.

6- Program Structure

Program Structure	Number of Courses	Credit Units	Percentage	* Notes
Institution Requirements	19%	26	13	
College Requirements	24%	33	12	
Department Requirements	57%	77	34	
Summer Training				
Others				
Total	100%	136	59	

6. Program Description					
Year/Level	Course Code	Course Name	Credit Hours		Number of units
First stage			theoretical	practical	
	DeHuge.100	Democracy and Human Rights	2		٢
	comp.100	Computer	1	2	٣
	Deps.100	Developmental psychology	3		٣
	Cawo.170	cartography and field work	1	2	٣
	Wecl.140	Climate and Applied Climate	2	2	٣
	phge.100	physical geography	2		٢
	hiiq.100	the history of ancient Iraq	2		٢
	Arla.100	Arabic language	2		٢
	Enla.100	English language	2		٢
	predpe.100	principles of education and pedagogy	3		٣
	Ised.100	Islamic education/ civilization	2		٢
	Auge.120	Geography of Australia in English	2		٢
	Geom.100	foundations of geography	2		٢
	Huge.140	The foundations of human geography	2		٢
	Arphrs.130	Aerial image analysis and remote sensing	1	2	٣
Second Stage	Arla.200	Arabic language	2		١
	Enla.200	English language	2		٢
	comp.200	Computer	1	2	٣
	Comehe.200	Counseling and mental health	2		٢
	Euge.270	Regional geography of Eurasia	2		٢
	Sdge.220	sustainable development	2		٢
	Poge.270	Geography of the population	2		٢
	Amra.200	Amawi and Rashedy History	2		٢
	Edst.200	Educational Statistics	2		٢
	Edps.200	Educational psychology	2		٢
	Afge.210	Regional geography of Africa	2		٢
	Soge.260	Soil geography	2		٢
	Ocge.250	Oceanography	2		٢
	Abhi.290	Abbasid history	2		٢
	Crba.200	Crimes of the Baath Party	2		٢
	Gemet.200	General teaching methods and Applications	2		٢

Third stage	EdReme.300	Educational research methodology	2		٢
	Agge.360	Agricultural geography	2		٢
	Trtrge.365	Geography of transport and trade	2		٢
	Urge.310	Urban Geography	2		٢
	Arwoqe.320	Geography of the Arab world	2		٢
	MoHilq.300	The modern history of Iraq	2		٢
	ArLi.300	Arabic literature	2		٢
	Meev.300	Measurement end evaluation	2		٢
	cutex.300	Curricula and textbooks	2		٢
	Inge.300	Geography of industry	2		٢
	Amge.350	Geography of the regional Americas	3		٣
	Ruge.370	Rural geography	2		2
	Gis.300	GIS Geographic Information Systems	2	1	2
	HiArWo.300	History of the Arab world	2		2
	MeRege.300	Methods of geographical scientific research	2		2
Fourth stage	phge.400	Philosophy	2		2
	IsSh.400	Islamic Sharia	2		2
	preth.400	Professional ethics	2		2
	EdMaSu.400	Educational Management and supervision	2		2
	Vige.400	Practical education (viewing)	3		3
	Irge.415	Regional geography of Iraq	2		2
	Geth.420	Geographical thought	2		2
	Poge.440	Political geography	2		2
	MoHiEu.400	The modern history of Europe	2		2
	SpTeMe.400	Specialized teaching methods	2		2
	GrRePr.400	Graduation research project	3		3
	Appge.400	Practical education (application)	12		12

8. Expected learning outcomes of the programmer

Knowledge

Learning results

- 1.Master the use of modern geographical techniques in geographical studies.
- 2.Be creative in solving problems through geographical scientific research.
- 3.Cultivate the spirit of creativity in drawing a map using the Arc Gis programmer.
- 4.Distinguish between the branches of natural and human geography.

Learning Outputs

- 1- Enabling students to acquire, understand, and comprehend all geographical concepts.
2. Familiarizing students with the comprehensive natural and human geographic characteristics of the world's continents.
3. Enable students to understand the weather and climate conditions prevailing in different regions of the world and their relationship to the atmosphere.
4. Enabling students to understand how to write a scientific geographical research paper.

Skills

Learning results

- 1.To be able to research independently.
- 2.To develop the skill of learning and developing new technologies.
- 3.Possess real-life experiences to interpret geographical phenomena.
- 4.Have a clear and achievable goal.
- 5.Employ what he/she has learnt in teaching geography.

Learning Outcomes

1. Utilize modern geographical techniques in teaching education.
2. use the scientific method geographical method in solving geographical problems.
3. Be able to prepare appropriate evaluation methods.
4. Master the skill of drawing maps.

9.Teaching and learning strategies.

- 1 Lecture method
- 2 Discussion method
- 3 Problem solving method
- 4 Brainstorming strategy
- 5 Conceptual adjustment strategy
- 6 Critical thinking strategy.

- 7 Contextual analysis strategy.
- 8 The strategy of summarizing and summarizing
- 9 The strategy of questions that generate ideas.
- 10 Role-playing strategy

10.Evaluation

- Recognition test.
- Role-playing test. (multiple tests)
- Unspecified Essay Test. (Editorial)
- Short tests.
- Work sample test.

	name	Academic Rank	General Specialization	Precise specialization	Certificate	Special skills	Staff
1	Ali Jabbar Abdullah Afas	Professor	Natural Geography	Climate	PhD		Staff
2	Abbas Fadel Obaid Hassan	Professor	Human Geography	Economic Geography	PhD		Staff
3	Mohammed Hamid Mahdi Mohammed	Professor	Teaching methods	Methods of Teaching Geography	PhD		Staff
4	Saad Tamaa Belil Rakban	Professor	Teaching methods	Geography Teaching Methods	PhD		Staff
5	Janan Mohammed Abdul Jassim	Assistant Professor	Teaching methods	Methods of teaching social studies	PhD		Staff
6	Maitham Abdul Kazim Hamidi Jahloul	Assistant Professor	Natural geography	Climate	PhD		Staff
7	Samah Ibrahim Shamkhi Hamid Halawi	Assistant Professor	Human geography	Population	PhD		Staff
8	Hanan Abdul Karim Omran Hamad	Assistant Professor	Physical geography	Hydrology	PhD		Staff
9	Kefaya Hassan Maytham Idris	Assistant Professor	Human geography	Environment and pollution	PhD		Staff
10	Zainab Abbas Moussa Kazem	Assistant Professor	Human geography	Agricultural	PhD		Staff
11	Amir Hadi Jadwa Abu Hassan	Assistant Professor	Natural geography	Geomorphology and GIS	PhD	Mapping and processing of satellite images using GIS software, using GPS	Staff
12	Khalid Jawad Salman Lahwak	Assistant Professor	Human geography	Urban Geography	Master's		Staff

13	Wissam Raji Naji Abdul Abbas	Lecturer	Natural geography	Geomorphology	PhD	Mapping using GIS software	Staff
14	Saja Abd Mesrhad Ali	Lecturer	Teaching methods	General Teaching Methods	PhD		Staff
15	Roaa Ali Mahdi Kazem	Lecturer	Natural Geography	Climate	PhD		Staff
16	Roaa Ahmed Latif Shantha	Lecturer	Human geography	Medical geography	PhD		Staff
17	Zahraa Hussein Youssef Mohammed	Lecturer	Human Geography	cartography	PhD	Mapping using GIS software	Staff
18	Doaa Sabar Khudair Ahmed	Lecturer	Human geography	cartography	PhD	Mapping using GIS software	Staff
19	Marwa Mohammed Joudeh Masood	Assistant Lecturer	Natural geography	Climate	PhD		Staff
20	Zainab Qasim Najm Obaid Aljabr	Assistant Lecturer	Human geography	Environment and pollution	PhD		Staff
21	Safinaz Ali Hussain Alwan	Assistant Lecturer	Human geography	Political	PhD		Staff
22	Adel Majeed Kassar Ali	Assistant Lecturer	Human geography	Development	Master's		Staff
23	Salam Saad Sifah Aboud	Assistant Lecturer	Human geography	Industrial	Master's		Staff
24	Mustafa Mahmoud Mohammed Suhail	Assistant Lecturer	Human geography	Political	Master's		Staff
25	Najlaa Hamad Badiwi Al Hayazi	Assistant Lecturer	Human Geography	Political	Master's		Staff
26	Saja Hamza Kamel Kaitan	Assistant Lecturer	Human Geography	Political	Master's		Staff
27	Zahraa Sabar Hussein Shamkhi	Assistant Lecturer	Human Geography	Urban Geography	Master		Staff
28	Doha Hamid Jassim Lazem	Assistant Lecturer	Human geography	Industrial	Master		Staff
29	Zeina Saleh Mahdi Badran	Assistant Lecturer	Natural geography	Climate	Master		Staff
30	Sahar Mohammed Abd Mohammed	Assistant Lecturer	Human geography	Environment and pollution	Master		Staff
31	Shahad Saad Mohammed Ali Habib	Assistant Lecturer	Natural geography	Climate	Master		Staff
32	Sarmad Abbas Mazhar Salman	Assistant Lecturer	geography	Water resources	Master		Staff
33	Mayad Abbas Berhi Khalil	Assistant Lecturer	Human geography	cartography	Master	Mapping using GIS software	Staff
34	Iman Hadi Aliwi Mahdi	Assistant Lecturer	Human geography	Population	Master		Staff
35	Miqdad Jalil Abdul Rahim	Assistant Lecturer	Human geography	Environment and pollution	Master		Staff
36	Ouham Ghaleb Hamza Atiyeh	Assistant Lecturer	Teaching methods	Social Studies Teaching Methods	Master		Staff
37	Zainab Adnan Adnan Jabr Abd	Assistant Lecturer	Teaching methods	Social Studies Teaching Methods	Master		Staff
38	Qabas Alaa Hussein Hashim	Assistant Lecturer	Teaching methods	Social Studies Teaching Methods	Master		Staff

39	Heba Mahmoud Shaker Wasmi	Assistant Lecturer	Teaching methods	Methods of Teaching Social Studies	Master		Staff
40	Alya Jawad Kazem Abd	Assistant Lecturer	Teaching Methods	Methods of Teaching Social Studies	Master		Staff
41	Hanin Hamed Fajr Toumaa	Assistant Lecturer	Teaching Methods	Methods of Teaching Social Studies	Master		Staff
42	Noor Karim Daham Hatif	Assistant Lecturer	Teaching Methods	Methods of Teaching Social Studies	Master		Staff
43	Rania Hameed Kitab Abd Ali	Assistant Lecturer	Teaching Methods	Methods of Teaching Social Studies	Master		Staff

12. Professional Development

Mentoring new faculty members

1. Provide a comprehensive orientation on the nature of the work and goals of the institution and the department.
2. Orient the teaching staff on the policies and procedures of the institution and the department, including research ethics and quality standards.
3. Provide opportunities to network with colleagues and participate in research and professional development activities.
4. Monitor the performance of new faculty and provide additional support and guidance as needed.
5. Provide customized training sessions that include innovative teaching methods and best academic practices.

13 . Professional development of faculty members

1. Providing specialized training courses in effective teaching strategies and modern educational technology.
2. Providing workshops to exchange experiences and best practices in the field of teaching and applying them in the classroom.
3. Conduct periodic evaluation of faculty performance and learning outcomes to improve the educational process.
4. Promote participation in continuous professional development programmers, such as seminars, workshops and academic conferences.
5. Supporting research and scientific publication to enhance the academic competence of faculty members.
6. Providing opportunities for communication and cooperation with the academic staff in areas of common interest.
7. Providing qualification programmers to develop academic management and leadership skills.

14 .Acceptance Criterion

- 1- The student's name must be included on the central student admissions list issued by the Ministry of Higher Education and Scientific Research.
- 2- The applicant must not exceed 25 years of age for morning studies, and must not be specified for evening studies.
- 3- The student's GPA must not be less than (60) for morning studies.
- 4- The student's GPA must not be less than (56) for evening studies.
- 5- The applicant must meet the requirements for mental health and not be blind.

The most important sources of information about the program.15

1. Local and international university websites
2. Workshops organized by the Ministry of Higher Education and its quality standards.
3. Courses Guide for Colleges of Basic Education in Iraq
- 4- Official website of the Department of Geography:
<https://basiceducation.uobabylon.edu.iq/department/?cdid=1>

16.Program Development Plan

- 1.Continuous development of the department's courses through the course development committees in the deans' committees of the faculties of basic education.
2. The programmer seeks to obtain the institutional accreditation programmer.
3. Entering international rankings.

17. Required program Learning outcomes

Ethics				Skills				Knowledge				Basic or option al	Course Name	Course Code	Year/ Level
C4	C3	C2	C1	B4	B3	B2	B1	A4	A3	A2	A1				
								*	*	*	*	Basic	Democracy and Human Rights	DeHuge.100	First stage
				*	*		*	*	*	*	*	Basic	Computer Science	comp.100	
*	*	*	*	*				*	*	*	*	Basic	Developmental Psychology	Deps.100	
*				*	*	*	*	*	*	*	*	Basic	Mapping and Fieldwork	Cawo.170	
				*	*	*	*	*	*	*	*	Basic	Climate and Applied Climatology	Wecl.140	

*	*	*	*					*	*	*	*	Basic	Physical Geography	phge.100	
*	*	*	*					*	*	*	*	Basic	Ancient History of Iraq	hiiq.100	
								*		*	*	Basic	Arabic Language	Arla.100	
								*	*	*	*	Basic	English Language	Enla.100	
		*	*					*		*	*	Basic	Principles of Educational Foundations	predpe.100	
	*	*	*					*	*	*	*	Basic	Islamic Education/Civilization	Ised.100	
		*	*					*	*	*	*	Basic	Australian Geography in English	Auge.120	
	*	*	*					*	*	*	*	Basic	Foundations of Landforms	Geom.100	
			*					*	*	*	*	Basic	Foundations of Human Geography	Huge.140	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Aerial Photo Analysis and Remote Sensing	Arphrs.130	
								*	*		*	Basic	Arabic Language	Arla.200	Second Stage
								*	*	*	*	Basic	English Language	Enla.200	
				*	*		*	*	*	*	*	Basic	Computer Science	comp.200	
		*	*					*	*	*	*	Basic	Counseling and Mental Health	Comehe.200	
*	*							*	*	*	*	Basic	Regional Geography of Eurasia	Euge.270	
*			*					*	*	*	*	Basic	Sustainable Development	Sdge.220	
	*		*					*	*	*	*	Basic	Population Geography	Poge.270	
			*					*	*	*	*	Basic	Rashidid and Umayyad History	Amra.200	
*	*		*	*	*	*	*	*	*	*	*	Basic	Educational Statistics	Edst.200	
*	*	*	*					*	*	*	*	Basic	Educational Psychology	Edps.200	
		*	*					*	*	*	*	Basic	Regional Geography of Africa	Afge.210	
	*	*	*					*	*	*	*	Basic	Soil Geography	Soge.260	
*	*	*	*					*	*	*	*	Basic	Geography of Seas and Oceans	Ocge.250	
		*	*					*	*	*	*	Basic	Abbasid History	Abhi.290	
								*	*	*	*	Basic	Ba'ath Party Crimes	Crba.200	
	*	*	*					*	*	*	*	Basic	General Teaching Methods and Their Applications	Gemet.200	
		*	*	*	*	*		*	*	*	*	Basic	Educational Research Methodology	EdReme.300	Third stage
	*	*	*					*	*	*	*	Basic	Agricultural Geography	Agge.360	
			*					*	*	*	*	Basic	Geography of Transport and Trade	Trtrge.365	
	*	*	*					*	*	*	*	Basic	Geography of Cities	Urge.310	

		*	*					*	*	*	*	Basic	Geography of the Arab World	Arwoqe.320	
		*	*					*	*	*	*	Basic	Modern History of Iraq	MoHilq.300	
			*						*	*	*	Basic	Arabic Literature	ArLi.300	
			*	*	*		*		*	*	*	Basic	Measurement and Evaluation	Meev.300	
	*	*	*					*	*	*	*	Basic	Curricula and Textbooks	cutex.300	
*	*	*	*					*	*	*	*	Basic	Industrial Geography	Inge.300	
*	*	*	*					*	*	*	*	Basic	Regional Geography of the Americas	Amge.350	
*	*	*	*					*	*	*	*	Basic	Rural Geography	Ruge.370	
*	*		*	*	*	*	*	*	*	*	*	Basic	Geographic Information Systems GIS	Gis.300	
		*	*					*	*	*	*	Basic	Modern Arab History	HiArWo.300	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Methods of Geographical Research	MeRege.300	Fourth stage
	*	*	*					*	*	*	*	Basic	Philosophy	phge.400	
		*	*					*	*		*	Basic	Principles of Islamic Sharia	IsSh.400	
	*	*	*					*	*	*	*	Basic	Professional Ethics	preth.400	
		*	*					*	*		*	Basic	Educational Administration and Supervision	EdMaSu.400	
*	*	*	*	*	*	*	*					Basic	Practical Education (Observation)	Vige.400	
	*	*	*					*	*	*	*	Basic	Regional Geography of Iraq	Irge.415	
		*	*					*	*	*	*	Basic	Geographical Thought	Geth.420	
	*	*	*					*	*	*	*	Basic	Political Geography	Poge.440	
*	*							*	*	*	*	Basic	Modern European History	MoHiEu.400	
*			*	*	*	*	*	*	*	*		Basic	Specialized Teaching Methods	SpTeMe.400	
*	*	*	*	*	*	*	*					Basic	Graduation Research Project	GrRePr.400	

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

Course description form

The decision name	
Physical Geography	
The decision Code	
Phge.100	
the year / the chapter	
the second	
the description this Preparation Date .4	
2024/9/10	
Available the audience shapes .5	
weekly	
(total Units number / total Scholarship hours number) .6	
30	
(Mentioned name from more if) Academic The decision responsible name .7	
art.wesam@uobabylon.edu.iq : Email Dr. Wissam Raji Naji : Name	
Course objectives	
Subject objectives	student of the Department of It is very important for the with the nature of the formation Archeology to become familiar with physical geography, as it is the basic of planet Earth and part of geography that deals with the study of natural facts. It is also phenomena and laws that control geographical an analytical and interpretive study of the development of the relationship between man and nature, and through it The student learns about the formation of the Earth, the development of its surface forms, the most important natural urces that can be exploited, and the development of this reso .formation throughout history
9.Teaching and learning strategies	
Strategy	<p style="text-align: right;">Knowledge and understanding-A</p> <p>.student understands what is meant by geology the That –A1</p> <p>know the basic areas of historical student should The – A2</p> <p style="text-align: right;">.geography</p> <p>The student should know the nature of change in natural – A3</p> <p style="text-align: right;">.phenomena and terrain over time</p> <p>student should know the effect of natural phenomena on The – A4</p> <p>ural phenomfrom nat antiquities and how to protect antiquities</p> <p>A5: The student will be familiar with modern exploration methods</p> <p>.using satellite visuals</p>
	<p style="text-align: right;">: specific skills–Subject – BB</p> <p>The geological stages that the Earth went through – B 1</p>

	<p>.according to their chronological sequence about the geographical distribution of learns The student – B2 .ancient and modern human populations and GIS Knowledge of modern programs such as – B3 . exploration using remote sensing</p>
	Teaching and learning methods
	<p>Using the smart board - Using a data show device - illustrative examples Video - Writing on the board to illustrate diagrams - Calculator for practical application and implementation viewing -</p>
	Evaluation methods
	<p>practical And theoretical Exam - Daily Tests - activity And Presence Duties - .Class discussions -</p>
	<p>Thinking skills -C Expanding the student's scientific understanding when linking -C1 -various cognitive information and then applying it in his studies. C2 And Research the problem To analyze Methods requester Giving solve it him for mentality skills addition -C3 And oral And predictive Mental His thinking Expansion -C4 Creative •</p>
	<p>General and transferable skills (other skills related to employability and -D .(personal development using the in communication ¸ problems to treat ¸ Programs Use -D1 computer Problems To process New techniques Use -D2</p>

Learning	Learning method	Topic name	Learning outcomes	Watches	week
General questions	Lecture and discussion	The first week / natural geography	- 1- Definition 2- Its fields objectives Its -3	2	1
General questions	Lecture and discussion	Earth's second week atmosphere and geological cycles	The student -1 the understands theories of continental separation	2	2

			Rock cycle in nature -2 The water -3 cycle in nature		
Daily calendar test	Lecture and discussion	Antiquity /the third week	- The student's ability to classify it into eras, eras, and eras according to time The student's -2 knowledge of climate changes in those eras	2	3
General questions	Lecture and discussion	\fourth week Geomorphology of natural disasters	- An introductory overview of earthquakes 2- Mudslides How it works to bury and hide cities Showing -3 educational videos to learn about the work of phenomena	2	4
Daily calendar test	Lecture and discussion	Erosion \ week The fifth and weathering processes	- Definition of erosion and weathering 2- The student compares erosion and weathering He studies and -3 discusses the oldest memoirs of a Sumerian student	2	5
Daily testing	Lecture and discussion	Climate \the sixth week and its effects on the environment and structure	1- Presentation of climate elements 2- The student learns about the relationship between climate and humans Explain how -3 climate affects archaeological buildings	2	6
General questions	Lecture and discussion	Week Seven : The origin and development of rivers and plains	Discusses the stages - of river course development An applied -2 presentation with maps of the development of	2	7

			the course of the Tigris and Euphrates rivers		
General questions	Lecture and discussion	The eighth week: Mesopotamian civilizations and their expansion	Identify the nature of the expansion of the alluvial plain over the ages The expansion of these civilizations southward with the expansion of the alluvial plain	2	8
Daily calendar test	Lecture and discussion	The ninth week / topographical maps	Identify topographic maps Explaining the basic points shown by the maps	2	9
Daily calendar test	Lecture and discussion	The tenth week / stripping operations	introductory An overview of satellites Displaying samples of satellite images	2	10
General questions	Lecture and discussion	Week eleven: weathering processes	Definition of erosion and its most important factors The student learns about the dynamics of its work	2	11
Daily calendar test	Lecture and discussion	Definition of weathering and its most important factors The student learns about the dynamics of its work The student compares erosion and weathering	:Week Eleven- Weathering processes	2	12
Daily calendar test	Lecture and discussion	Week Thirteen: Protecting archaeological areas from natural factors	The student learns about the effect of groundwater Identify the natural factors in the alluvial plain	2	13
General questions	Lecture and discussion	The thirteenth week Protecting archaeological areas from natural factors	The student learns about the effect of groundwater Identify the natural factors in the alluvial plain	2	14
Evaluative test	and Lecture discussion	Week Fourteen: Geographical distribution of archaeological areas in Iraq	- Learn about the most important archaeological sites on the map Identify the reasons for choosing these sites	2	15

Course Evaluation	
Daily practical exam 2 - Monthly practical exam 10 - Attendance and behavior 3 - (Practical Quarterly Quest (15 -	Daily theoretical exam 5 - Monthly theoretical exam 10 - Oral evaluation 5 - Behavior and attendance 5- (The Quarterly Quest for Theory (25-
(Final Quest (40 (Semester final exam (60	
Learning and teaching resources .12	
	(any Required textbooks (methodology, if
<ul style="list-style-type: none"> The Evolution of Lopatin Dmitry Valentinovj .2015 of Surface Shapes 	(Main references (sources
<ul style="list-style-type: none"> Hassan Salama, Fundamentals of Geomorphology , 2012 	Recommended supporting books and (...references (scientific journals, reports
to the lecture topic Websites appropriate	Electronic references, Internet sites

Course Description Form

1. Course Name:
Cartography
2. Course code:
cawo.170
3. Semester / year :
First course / 2024-2025
4. Description Preparation Date :
2024/9/15
5. Available Attend Forms :
Lectures
6. Number of Credit Hours (Total)/ Number of Units (Total) :
3/ 2
7. Course administrators name (mention all, if more than one name)
Name:
8. Course Objectives :
<p>To show maps and their types</p> <p>To explain the geographical projections</p> <p>TO Explain the dimensions of the drawing</p> <p>To classify aerial photographs</p>
9. Teaching and Learning Strategies
<p>Strategy : Creative Thinking</p> <p style="padding-left: 40px;">Critical Thinking</p> <p style="padding-left: 40px;">Brainstorming</p>

10. Course Structure :					
Week	Hours	Required Learning Outcomes	Subject	Learning method	Evaluation method
the first	3	To explain the origin of maps among the Arabs	A historical overview of the origin of maps	Discussion	Essay Test
the second	3	TO list the factors that led to the development of maps among Arabs.	Factors of the development of maps among Arabs.	Discussion	Matching Test
Third	3	To list the types of maps	Types of maps	interrogation	True or False Test

Fourth	3	To explain the components and basics of the map	Map components and basics	Discussion	Multiple choice
Fifth	3	To identify the types of drawing scales	Drawing scale	Brainstorming	Matching test
Sixth		First month exam			
Seventh	3	To apply drawing scales	Drawing scale applications	Problem solving	Multiple choice
Eighth	3	To explain the components and basics of the map	Geographic coordinates network	Discussion	Right and wrong
Ninth	3	To apply geographical coordinates	Geographic coordinates application	Brainstorming	Essay test
Tenth	3	To know the map coding	Map coding and design	interrogation	Matching test
eleventh	3	To list the types of map coding	Types of map coding	Discussion	Multiple choice
Twelfth	3	To recognize the lines on the contour lines	Contour lines	Discussion	Right and wrong
Thirteenth	3	To compare lines of longitude and latitude	The difference between longitude and latitude	interrogation	Multiple choice
Fourteenth		Second month exam			
Fifteenth	3	To compare maps, aerial photographs and geographic information systems.	Modern techniques in map production	Discussion	Matching test

11. Course Evaluation

The grade is distributed out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, and reports:

First and second monthly exam: 30 marks

Daily exam: 10 marks

Report: 10 marks

Final exam: 50 marks

12. Learning and teaching resources

Required textbooks (curricular books, if any)

Main References (Sources)

- 1- Jumaa Muhammad Dawood, Introduction to Maps.
- 2- Zain Al-Abidin Ali Saqr, Principles of Cartography.
- 3- Najib Abdul Rahman Al-Zaidi, Hussein Mujahid Masoud, Cartography.
- 4- Shaker Al-Aswad, Introduction to Cartography

Recommended supporting books and references (scientific journals and reports(Nothing
Electronic references, websites	Nothing

Course Description Form

1. Course Name					
Climate Geography					
2. Course Code					
Wecl.140					
3. Semester/ Year					
2024/2025 First Course					
4. Date This Description Was Prepared					
25/9/2024					
5. Available Forms Of Attendance					
Lectures					
6. Total Number Of Study Hours / Total Number Of Units					
4 / 3					
7. Name Of The Course Supervisor: Dr. Ali Jabbar Abdullah / If More Than One Name Is Mentioned					
Name: Prof.Dr. Ali Gabbar Abdullah Email					
8. Course Objectives					
Objectives Of The Article		To Explain The Relationship Between Weather And Climate			
Scholarship		To Classify The Branches Of Climate			
		To Explain The Sources Of Air Masses			
		To Enumerate The Climate Classification			
		To Explain The Relationship Between Climate And Energy			
9. Teaching And Learning Strategies					
Strategy		Creative Thinking			
		Critical Thinking			
		Generating Questions			
10. Course Structure					
Week	Watches	Required Learning Outcomes	Name Of The Unit Or Topic	Learning Method	Evaluation Method
First	3	To Know The Concept Of Weather	Weather	Discussion	Essay Test
Second	3	To Know The Concept Of Climate	Climate	Problem Solving	Matching Test
Third	3	To Explain The Relationship Between Weather And Climate	The Relationship Between Weather And Climate	Interrogation	True Or False Test
Fourth	3	To Summarize The Factors Affecting Weather And Climate	Factors Affecting Weather And Climate	Discussion	Multiple Choice
Fifth	3	To Classify The	Branches Of	Brainstorming	Matching

		Branches Of Climatology	Climatology		Test
Sixth	3		First Month Exam		
Seventh	3	To Explain The Role Of The Atmosphere	Atmosphere	Cooperative Learning	Multiple Choice
Eighth	3	To Classify The Types Of Solar Energy	Solar Energy	Discussion	True And False
Ninth	3	To Explain The Importance Of Temperature	Temperature	Current Events	Matching Test
Tenth	3	Summarize The Role Of Atmospheric Pressure	Atmospheric Pressure	Discussion	Essay Test
Eleventh	3	List The Types Of Winds	Winds	Discussion	Multiple Choice
Twelfth	3	To Explain Climate Change	Climate Change	Interrogation	True And False
Thirteenth	3	To Classify The Types Of Climate Classification	Climate Classification	Interrogation	Essay Test
Fourteenth	3	Second Month Exam			
Fifteenth	3	To Explain The Concept Of Precipitation	Precipitation	Discussion	Conformity Test

11. Course Evaluation

The Grade Is Distributed Out Of 100 According To The Tasks Assigned To The Student, Such As Daily Preparation, Daily, Oral, Monthly And Written Exams, And Reports:

First And Second Monthly Exam: 30 Marks

Daily Exam: 10 Marks

Report: 10 Marks

Final Exam: 50 Marks

Learning And Teaching Resources

(Required Textbooks (Methodology If Any

Climate And Energy / Ali Hassan Musa

Main References (Sources)

Recommended Supporting Books And References ((Scientific Journals And Reports

Nothing

Electronic References, Websites

Course description

1.Course name	
Aerial photos	
2.Course code	
Arphrs.130	
3.Semester / year	
Second course/ 2024–2025	
4.Date of preparation of this description	
2025/1 /26	
5.Available attendance forms.	
Lectures	
6 .Total number of study hours / total number of units	
3 / 2	
7.The name of the course administrator: / if more than one name is mentioned	
Name: lecturer. Duaa Sabar Khudair email address: daua99sappar@gmail.com	
8.Course objectives	
Objectives of the study material	To show the concept of Aerial photos To show the evolution of Types of aerial photos To The student explains the uses of aerial photographs To The student enumerates the programs used in aerial photographs To The student demonstrates remote sensing applications
9.Teaching and learning strategies	
The strategy	Creative thinking Critical thinking Brainstorming

10. Course structure.					
The week	Watches	Required learning outcomes	Name of the unit or subject	The way of learning	The way of learning
The first	2	The student explains the concept of aerial photos	The concept of aerial photographs-aerial survey	Discussion	Discussion

The second	2	The student enumerates the types of aerial photos	Types of aerial photographs and the signs visible on them	Problem solving	Problem Solving
The third	2	The student explains the scale of aerial photographs	Aerial photo scale-interpretation of aerial photos	Interrogation	Interrogation
The fourth	2	The student should demonstrate the uses of aerial photographs	Uses of aerial photographs	Discussion	Discussion
The fifth	2	The student should know the telescope device and its parts	The telescope and its parts and how to direct aerial images under the telescope and transfer points	Brainstorming	Brainstorming
The sixth	2	First month exam			
The seventh	2	The student explains how to make an aerial photo drawing board	How to make an air portrait drawing board - mosaic	Problem solving	Problem solving
The eighth	2	The student enumerates the programs used in the study of aerial photographs	Programs used in the study of aerial photographs	Discussion	Discussion
The ninth	2	The student should explain the field work tools	Field work tools	Brainstorming	Brainstorming
The tenth	2	The student should know remote sensing and its relationship with other sciences	Remote sensing concept, its origin and relationship with other sciences	Interrogation	Interrogation
The eleventh	2	That the student knows the electromagnetic radiation	Electromagnetic radiation and its interactions with substances	Discussion	Discussion
The twelfth	2	To enumerate the properties of space visuals	Remote sensors and means of carrying them	Discussion	Discussion
The thirteenth	2	The student enumerates the types of remote sensing	Types of image remote sensing and digital image processing	Interrogation	Interrogation
The Fourteenth	2	Second month exam			
The fifteenth	2	The student should demonstrate the applications of remote sensing and its journals in geography	Interpretation and analysis of images the concept of remote sensing applications and its journals in geography	Discussion	Discussion
11.Evaluation of the course					
Distribution of the grade out of 100 according to the tasks assigned by the student such as daily :preparation, daily, oral, monthly, written exams and reports					
The first and second monthly exam is 40 degrees					

Daily exam: 5 grades Report: 5 degrees Final exam: 50 grades	
Learning and teaching resources	
Required course books (methodology if any)	There are no
Main references (sources)	Juma Mohammed Daoud, introduction to aerial –1 .images and space visuals, first edition, 2013
Recommended supporting books and references	There are no
Electronic references, Internet sites	There are no

نموذج وصف المقرر

1.Course name	
Human geography	
2.Course code	
Huge.140	
3.Semester / year	
Second course/ 2024-2025	
4.Date of preparation of this description	
2024/12 /27	
5.Available attendance forms.	
Lectures	
6 .Total number of study hours / total number of units	
2 / 2	
7.The name of the course administrator: / if more than one name is mentioned	
Name: email address:	
8.Course objectives	
Objectives of the study material	To show the concept of geography To show the evolution of human geography To explain the role of man in the environment To clarify the population lineages To classify the languages spoken in the world
9.Teaching and learning strategies	
The strategy	Creative thinking Critical thinking Brainstorming

10. Course structure.					
The week	Watches	Required learning outcomes	Name of the unit or subject	The way of learning	The way of learning
The first	2	To clarify the concept of geography and its development	The concept and development of geography	Discussion	Discussion

The second	2	To recognize the elements of the natural environment	Elements of the natural environment	Problem solving	Problem Solving
The third	2	To show the role of man in the human environment	The role of man in the human environment	Interrogation	Interrogation
The fourth	2	Shows population growth and distribution	Population growth and distribution	Discussion	Discussion
The fifth	2	To enumerate population migrations	Population migrations	Brainstorming	Brainstorming
The sixth	2	First month exam :			
The seventh	2	To show the population lineages	: Population lineages	Problem solving	Problem solving
The eighth	2	To explain religions and languages	Religions and languages	Discussion	Discussion
The ninth	2	To explain the industry and its development	Industry and its development	Brainstorming	Brainstorming
The tenth	2	To clarify the methods of mining	Mining methods	Interrogation	Interrogation
The eleventh	2	To explain grazing and its factors	Grazing and its factors	Discussion	Discussion
The twelfth	2	To identify the state and its components	The state and its components	Discussion	Discussion
The thirteenth	2	To compare geography and international relations	Geography and international relations	Interrogation	Interrogation
The Fourteenth	2	Second month exam			
The fifteenth	2	To illustrate rural urbanism	: Rural urbanization	Discussion	Discussion

11. Evaluation of the course

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

The first and second monthly exam is 30 degrees

Daily exam: 10 grades

Report: 10 degrees

Final exam: 50 grades

Learning and teaching resources

Required course books (methodology if any)	Human geography
Main references (sources)Human geography	Dr. Fathi Abu Ayana
Recommended supporting books and references	(scientific journals and reports There are no
Electronic references, Internet sites	https://www.noor-book.com

Course description form

1. Course name	
Growth Psychology	
2. Course code	
deps.100	
3. Semester/year	
Chapter one / 2025–2024	
4. Date this description was prepared	
2024/9/15	
5. Available attendance forms:	
Lectures	
6. Number of study hours (total) / Number of units (total)	
3 / 3	
7. Name of the course administrator (if more than one name is mentioned)	
Name: Hiba Mahmoud Shaker / Email hibamh9876@gmail.com	
8. Course objectives: It aims to introduce students to the basics of developmental psychology by studying the concepts of human behavior and activity and the different schools of psychology. The course addresses the objectives of psychology, the relationship of general psychology to developmental psychology, and addresses concepts such as mental, emotional, moral and physical development in addition to childhood problems and slow learning. It also highlights the challenges of adolescence such as digital addiction and abnormal behaviour.	
Objectives of the study subject	. To introduce the student to the history and concept of psychology as a study of behavior. 2. The student explains the goals of psychology 3. The student should enumerate the different schools of psychology. 4. The student should explain the relationship of general psychology to developmental psychology. 5. The student explains the concepts
Objectives of the study subject	

	<p>of mental, emotional, moral and physical development and the theories explained.</p> <p>6. The student should identify the causes of childhood problems, such as slow learning.</p> <p>7. The student should analyze the impact of digital addiction on adolescent behavior</p>
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9. Teaching and learning strategies

Strategy	<p>Lecture method</p> <p>Skills in creating small research projects</p> <p>Give examples and modern applications to enhance understanding</p> <p>Brainstorming</p>
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10. Course structure

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	week
Essay test	Discussion	Introduction to psychology	To explain the stages of psychology	2	first
Conformity testing	Problem solving	The concept of psychology as the study of behavior	To recognize aspects of behavior	2	second
True and false test	Interrogation	Psychology schools	List the schools of psychology	2	third
Multiple choice	Discussion	Objectives of psychology	To clarify the goals of studying psychology	2	Fourth
Conformity testing	Brainstorming	The relationship between psychology and development	To show the relationship between psychology and developmental psychology	2	Fifth
امتحان الشهر الأول				2	Sixth
Multiple	Discussion	The concept of	To differentiate	2	Seventh

choice		growth, maturity and development	between growth, maturity and development		
True and false test	Discussion	Principles of growth	To explain the principles and characteristics of growth	2	Eighth
Essay test	Brainstorming	Mental development	To explain Piaget's theory of mental development	2	Ninth
Conformity testing	Interrogation	Moral growth	To explain congenital traits	2	tenth
Multiple choice	Discussion	Social growth	To explain Erikson's stages of psychosocial development	2	eleventh
True and false test	Discussion	Emotional growth	To explain the role of maturity and learning in emotional development	2	twelfth
Multiple choice	Interrogation	Slow learning	To identify the reasons for slow learning	2	thirteenth
Second month exam				2	fourteenth
Conformity testing	Discussion	Digital addiction and teenage problems	To show the impact of digital addiction on teenagers	2	fifteenth

11. Course evaluation	
<p>Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, and reports.</p> <p>The first and second monthly exams are 40 marks</p> <p>Daily exam: 5 marks</p> <p>Report: 5 marks</p> <p>Final exam: 50 marks</p>	
12. Learning and teaching resources	
Ahmed Ezzat Rajeh/Foundations of Psychology	Required textbooks (methodology, if any)
Hossam Ahmed Abu Saif/ Developmental Psychology	Main references (sources)
Nothing	Recommended supporting books and references (scientific journals, reports...)
Nothing	Electronic references, Internet sites

Course Description Form

Principles of education	2 course code
Pred 100	
3- Semester year 2024-2025 – second course	
4- Date this description was prepared	
1-3-2025	
5- Availabale froms of attendance	
Lectures	
6- Total number of study hours – total number of units	
3	3
Name of the course SUPERVISOR: Saad Toama Blil –if more than one name is mentioned	
Email	
Course objectives	
To explain education (its concepts implications and functions)	
To show the basic eduction	
To explain education in some ancient civilizations	
To explain education in the Islamic era	
To explain education in the twentieth century	
To explain education thought and philosophical rools of education	
To explain some of their philosophical and views on education.	
Strategies	Creative thinking
Education and learning	Critical thinking
Strategies	Brainstorming
Hours per week	learning method unit or required learning outcomes
Evaluation method	
The first 2 (Education its concepts is to explain education)	Discussion
Essay test	
The second 2 To learn the concepts and terms of education	Conformity test
proplem solve	
The Third 2 The concepts and important of education	interrogation test
right –wrong	
The fourth 2 To show the importance of education in some	Discussion
multiple choice	
ancient Chinese Civilization ancient	
The fifth 2 Education and Teaching to know education	Brainstorming
Conformity testing	

The sixth month Exam	2 To show the importance of Education among 2 and in the era of Islam	First
The seventh month Exam	2 To show the importance of Education among 2 and in the era of Islam	
The Eighth Essay test	2 To explain education in the twentieth century	Brainstorming
The ninth Right and wrong	2 To explain the history of the most prominent	Brainstorming
The Tenth multiple choice	2 To clarify the educational thought and the philosophical	Discussion
Eleventh multiple choice	2 the explain philosophy of education among the figures of Greek educational	Discussion
twentieth choice	2 The education system in Iraq	interrogation multiple
Thirteenth multiple choice	2 To explain The education system in Egypt	interrogation
Fourteneeth Exam	2	Second month
Fifteenth	2 The education system in United state of America	Discussion
	Explain in United state of America	
The grade is distributed out of 100 according to the tasks assigned to the students such as daily preparation and daily exam		
First and second monthly 30 points		
Daily Exam 10 marks		
Report 10 marks		
Final Exam 50 marks		
Learning and Teaching resources Main references		
Dr. Khalid Rahi and others Education System		
Dr. Sami Muhammed Nassar and others History of Iraq		
Dr.Ahmed Ali Al hajj Principles of Education		

Course description form

1.Course name	
Industrial geography	
2.Course code	
Inge.300	
3.Semester/year	
Second course / 2024–2025	
4.Date of preparation of this description	
2025 /1/20	
5. Available attendance forms	
Lectures	
6.Total number of study hours / Total number of units	
2 / 2	
7.Name of the course administrator: Assistant Lecturer Salam Saad Saffah	
Email: bas676.salam.saad@uobabylon.edu.iq	
8.Course objectives	
Subject objectives	To know the concept of industry To classify research sources in industrial geography To list the factors of industrial localization To explain industrial problems To show the most important industrial regions in the world
9.Teaching and learning strategies	
Strategy	Creative thinking Critical thinking Generate questions

10.Course structure					
week	Number of hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
the first	2	To know the concept of industry	Industry concept	Discussion	Essay test
the second	2	To enumerate data sources in industrial geography	Data sources	Problem solving	Conformity testing
the third	2	To classify research methods in industrial geography	Research methods	Interrogation	True or false test
Fourth	2	To enumerate the industrial classification	Industrial classification	Discussion	Multiple testing
Fifth	2	To show the factors of industrial localization	Endemism factors	Brainstorming	Conformity testing
Sixth	2	To explain the industrial concentration	Industrial focus	Discussion	Essay test
Seventh	2	To enumerate the location patterns	Location patterns	Cooperative learning	Multiple testing
Eighth	First month exam				
Ninth	2	To explain industrial links	Industrial links	Current events	Conformity testing
tenth	2	To summarize the methods of industrial analysis	Industrial analysis methods	Discussion	Essay test
eleventh	2	To clarify the planning of industrial	Industrial project planning	Discussion	Multiple choice

		projects			
twelfth	2	To show industrial development	Industrial development	Interrogation	right and wrong
thirteenth	2	To explain industrial problems	Industrial problems	Interrogation	Essay test
fourteenth	2	To classify industrial regions	Industrial regions	Discussion	Conformity testing
fifteenth	Second month exam				

11.Course evaluation

The grade is distributed out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, and reports:

First and second monthly exam 30 points

Daily exam: 10 marks

Reports: 10 points

Final exam: 50 marks

Learning and teaching resources

Required textbooks (methodology if any)

Main References (Sources)

Industrial Geography / Abdul Zahra Al-Janabi
Industrial Geography / Fouad Mohammed Al-Saffar

Recommended supporting books and references (scientific journals and reports)

Nothing

Electronic references, Internet site

Industrial Geography / Ahmed Habib Rasool

Course Description Template

1. Course Name:	
Guidance and Mental Health	
2. Course Code:	
COMEHE.200	
3. Semester/Year:	
First Semester / 2024-2025	
4. Date of Preparing this Description:	
15/9/2024	
5. Available Attendance Formats:	
Lectures	
6. Total Study Hours / Total Units:	
2 / 2	
Course Coordinator Name (if multiple, mention all):	
Name: Zainab Adnan Jabir	
8.Course Objectives:	
Objectives of the study subject:	<ul style="list-style-type: none"> To explain the concept and general principles of educational guidance. To list the ethics of the educational counselor. To enumerate the theories of educational guidance. To explain the concept of mental health. To highlight the importance of mental health. To describe psychological and mental disorders.
Teaching and Learning Strategies:	
Strategies:	<ul style="list-style-type: none"> Creative thinking Critical thinking Brainstorming

10. Course Structure:					
Week	hours	required learning outcomes	name of the unit or topic	learning method	evaluation method
the first	2	Concept and Objectives of Educational Guidance	Concept and Objectives of Educational Guidance	Discussion	Essay Test
the second	2	Professional Ethics of the Educational Counselor	Professional Ethics of the Educational Counselor	Discussion	Matching Test
the third	2	The Need for a Counselor in Educational Institutions	The Need for a Counselor in Educational Institutions	Inquiry	True/False Test
Fourth	2	Professional and Counseling Relationship	Professional and Counseling Relationship	Discussion	Multiple Choice
Fifth	2	Basic Information for Counseling Work	Basic Information for Counseling Work	Brainstorming	Matching Test
Sixth	2	Concept and Objectives of Educational Guidance			
Seventh	2	Methods to Discover Individual Personality	Methods to Discover Individual Personality	Problem Solving	Multiple Choice
Eighth	2	Counseling Theories	Counseling Theories	Discussion	True/False Test
Ninth	2	Problems Faced by Counselors	Problems Faced by Counselors	Brainstorming	Essay Test
Tenth	2	Concept of Mental Health	Concept of Mental Health	Inquiry	Matching Test
eleventh	2	Importance of Mental Health	Importance of Mental Health	Discussion	Multiple Choice
twelfth	2	Adaptation and Its Dimensions	Adaptation and Its Dimensions	Discussion	True/False Test
thirteenth	2	Mental Health and Crises	Mental Health and Crises	Inquiry	Multiple Choice
fourteenth		Second Monthly Exam			
Fifteenth	2	Psychological and Mental Disorders	Psychological and Mental Disorders	Discussion	Matching Test
11. Course Evaluation					
<p>The grade distribution out of 100 is based on tasks assigned to students, such as daily preparation, daily, oral, monthly, and written exams, and reports:</p> <ul style="list-style-type: none"> • First and Second Monthly Exams: 30 marks • Daily Exam: 10 marks • Report: 10 marks • Final Exam: 50 marks 					
Learning and Teaching Resources					
Prescribed Books (if available):			None		
<ul style="list-style-type: none"> • Main References (Sources): 			<ul style="list-style-type: none"> ○ <i>Educational Guidance</i> by Adnan Ahmed Al-Fasfus ○ <i>Educational Guidance</i> by Rafeda Al- 		

	<p>Hariri</p> <ul style="list-style-type: none"> ○ <i>Mental Health</i> by Hamed Abdel Salam Zahran ○ <i>Mental Health</i> by Mustafa Al-Hayti
Supporting Books and References (e.g., scientific journals and reports):	None
Electronic References or Websites	None

Course Description Form

Course name .1	
Educational statistics	
Course code .2	
Edst.200	
Semester/Year .3	
2025–Second Course / 2024 / Semester	
Date of preparation of this description .4	
2024/26/12	
Available forms of attendance .5	
Lectures	
Total number of study hours / total number of units .6	
3 / 3	
If more than one name is mentioned / : Name of the course supervisor .7	
bas747.a.galab@uobabylon.edu.iq :Email Awham Ghaleb Hamza : Name	
Course objectives .8	
To explain the concepts of educational statistics To classify the most important educational statistical methods To list the types of educational statistics To show the most important equations of educational statistics To give examples of statistical laws	Subject objectives
	Teaching .9 and learning strategies
Creative thinking critical thinking Brainstorming	Strategy

Course structure .10

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	Watches	The week
Short essay test	interrogation	Educational statistics concepts	To know the concepts of educational statistics		the first
Examples	Problem solving	Arithmetic mean	Arithmetic mean	3	the second
Examples	Problem solving	Geometric mean	Geometric mean		the third
Exercises	Problem solving	The mediator	The mediator	3	Fourth
or false test	Brainstorming	The loom	The loom	3	Fifth
Multiple choice	Discovery	Standard deviation	Standard deviation	3	Sixth
Matching test	Brainstorming	Pearson coefficient	Pearson coefficient	3	Seventh
First month exam				3	The eighth
Multiple choice	Collaborative learning	Spearman's coefficient	Spearman's coefficient	3	Ninth
Right and wrong	Discussion	chi square	chi square	3	tenth
Matching test	Current events	Types of educational statistics	Types of educational statistics	3	eleventh
Examples	Discussion	Statistical equations	Statistical equations	3	twelfth
Multiple choice	Discussion	Cooper's equation	Cooper's equation	3	thirteenth
Right and wrong	interrogation	test –T	test –T	3	fourteen

					nth
Second month exam				3	fifteenth
Course Evaluation .11					
<p>The grade is distributed out of 100 according to the tasks assigned to the student, such as daily : preparation, daily, oral, monthly and written exams, and reports</p> <p>First and second monthly exam 30 points</p> <p>Daily exam: 10 marks</p> <p>Report: 10 marks</p> <p>marks 0Final Exam: 5</p>					
Learning and teaching resources					
Nothing			(Required textbooks (methodology if any		
Munizel / Educational –Abdul Falah Al Statistics Kubaisi / Educational –Kamel Thamer Al Statistics Methods			(Main References (Sources		
Nothing			Recommended supporting books and references (scientific journals and reports)		
/https://www.noor-book.com			Electronic references, websites		

Course description form

: Course name.1	
The geography of the Americas	
Rapporteur symbol.2	
amge.350	
Semester/year.3	
The second course	
The date of preparing this description.4	
26/12/2024	
: Available forms.5	
My presence	
Number of study hours (total) / number of units (total).6	
2 hours, 2 units	
Name of the course officer Dr. Kifaya Hassan Maitham (if more than one name is .7 mentioned)	
basic.kifaya.hassan@uobabylon.edu.iq A. M. D. Kifaya Hassan Maitham :الاسم -mail	
The goals of the course / standing on the importance of the continents, including the .8 two Americans	
<ul style="list-style-type: none"> • Show the geographic location of the Americas • To explain the area of the Americas • To summarize the American climate • To explain scientifically the geology of the Americas 	<p style="text-align: center;">The objectives of the subject</p>
Teaching and learning strategies .9	
<p style="text-align: center;">Cooperative learning strategy</p> <p style="text-align: center;">Creative thinking strategy</p> <p style="text-align: center;">Question generation strategy</p>	<p style="text-align: center;">Strategy</p>
The course structure .10	

Evaluation	Learning method	The name of the unit or the topic	Required learning outcomes	Watch es	Weekly
Persian test	Discussion	Location of the two continents	To build the continent's position	2	The first
Conformity testing	Problem solution	The site and the area	State the area of the two continents	2	The second
Right and error test	Interrogation	Structure and terrain	To summarize the geological structure of the two continents		The third
Multiple choice	Discussion	Climate	To clarify the climate of the two continents		Fourth
Conformity testing	Brainstorm	Soil	To classify the types of soil in the two continents		Fifth
First month exam					Sixth
Multiple choice	Cooperative learning	Population	Explain the population of the two continents	2	Seventh
Right and wrong	Discussion	Economic activity	To summarize the economic activity of the two continents	2	Eighth
Conformity test	Discussion	The continent site	To show the website of the Latin American continent	2	Ninth
Persian test	Problem solution	Space	Explain the area of the continent	2	Tenth
Multiple	Discussion	Brown and terrain	To classify the	2	Eleven

choice			terrain of the continent		
Right and wrong	Interrogatio n	Climate	To give his opinion about the climate of the continent	2	Twelfth
Persian test	Interrogatio n	Soil and water resources	To classify the types of soil and water resources	2	Thirteen
Second month exam				2	Fourteent h
Conformity test	Brainstormi ng	Population	To explain the continent's residents	2	Fifteenth

Course evaluation.11

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

Learning and teaching sources .12

General geography of continents	Required textbooks (methodology, if any)
Youssef Abdel Majeed / Geography of the Americas	Main references (sources)
Climate of the continents	Books and references that are recommended (scientific magazines, reports)
	Electronic references, Internet sites

Course Description Form

Course name .1	
Educational statistics	
Course code .2	
Edst.200	
Semester/Year .3	
2025–Second Course / 2024 / Semester	
Date of preparation of this description .4	
2024/26/12	
Available forms of attendance .5	
Lectures	
Total number of study hours / total number of units .6	
3 3 /	
If more than one name is mentioned / : Name of the course supervisor .7	
Awham Ghaleb Hamza : Name :Emailbas747.a.galab@uobabylon.edu.iq	
Course objectives .8	
To explain the concepts of educational statistics To classify the most important educational statistical methods To list the types of educational statistics To show the most important equations of educational statistics To give examples of statistical laws	Subject objectives
	Teaching .9 and learning strategies
Creative thinking critical thinking Brainstorming	Strategy

Course structure .10					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	Watches	The week
Short essay test	interrogation	Educational statistics concepts	To know the concepts of educational statistics		the first
Examples	Problem solving	Arithmetic mean	Arithmetic mean	3	the second
Examples	Problem solving	Geometric mean	Geometric mean		the third
Exercises	Problem solving	The mediator	The mediator	3	Fourth
or false test	Brainstorming	The loom	The loom	3	Fifth
Multiple choice	Discovery	Standard deviation	Standard deviation	3	Sixth
Matching test	Brainstorming	Pearson coefficient	Pearson coefficient	3	Seventh
First month exam				3	The eighth
Multiple choice	Collaborative learning	Spearman's coefficient	Spearman's coefficient	3	Ninth
Right and wrong	Discussion	chi square	chi square	3	tenth
Matching test	Current events	Types of educational statistics	Types of educational statistics	3	eleventh
Examples	Discussion	Statistical equations	Statistical equations	3	twelfth
Multiple choice	Discussion	Cooper's equation	Cooper's equation	3	thirteenth
Right and wrong	interrogation	test –T	test –T	3	fourteen

	n				nth
Second month exam				3	fifteenth
Course Evaluation .11					
<p>The grade is distributed out of 100 according to the tasks assigned to the student, such as daily : preparation, daily, oral, monthly and written exams, and reports</p> <p>First and second monthly exam 30 points</p> <p>Daily exam: 10 marks</p> <p>Report: 10 marks</p> <p>marks 0Final Exam: 5</p>					
Learning and teaching resources					
Nothing			(Required textbooks (methodology if any		
Munizel / Educational –Abdul Falah Al Statistics Kubaisi / Educational –Kamel Thamer Al Statistics Methods			(Main References (Sources		
Nothing			Recommended supporting books and references (scientific journals and reports)		
https://www.noor-book.com /			Electronic references, websites		

Course description form

The course name.1	
Geography of the Arab world	
Course code .2	
Arhoge. 320	
Chapter / Sunnah.3	
First course/2024–2025	
date this description was prepared .4	
15/9/ 2024	
Available attendance forms .5	
Lectures	
Total number of hours / total units .6	
3 / 3	
The name of the official course official: Prof. Kafaya Hassan Maytham / if .7	
more than one name is mentioned	
Name: Kifaya Hassan Nathan. email: basic.kifaya.hassan@uobabylon.edu.iq	
Course objectives.8	
To show the location of the Arab world To explain the geological structure of the Arab world To summarize the natural factors of the Arab world To classify the water resources in the Arab world To summarize the economic activity of the Arab world	Objectives of the study subject
	Teaching .9 and learning strategies
Creative thinking Critical thinking Brainstorming	Strategy

Course structure.10					
Evaluation	Learning method	Name of the unit or topic	Required learning outcomes	Watches	Week
Essay test	Discussion	The Arab world site	To show the location of the Arab world	3	The first
Conformity testing	Problem solving	The geological structure of the Arab world	To summarize the geological construction of the Arab world	3	The second
Right and error test	Interrogation	Terrain	To classify the terrain of the Arab world	3	The third
Multiple choice	Discussion	Climate	To explain the climate of the Arab world	3	Fourth
Conformity test	Brainstorm	Rain	To classify the framework of the Arab world	3	Fifth
First month exam				3	Sixth
Multiple choice	Problem solving	Wind	To enumerate the types of winds in the Arab world	3	Seventh
Right and wrong	Discussion	Soil	To classify soil types in the Arab world	3	Eighth
Essay test	Brainstorm	Water resources	To explain the types of water resources in the Arab world	3	Ninth
Conformity test	Interrogation	Botanical regions	To explain the botanical regions	3	Tenth
Multiple choice	Discussion	Population	The residents of the Arab world stand up	3	Eleventh
Right and sin	Discussion	Economic installation	Explain the types of economic structure	3	Twelfth
Multiple choice	Interrogation	Agricultural production	To show the importance of agricultural production	3	Thirteenth
Second month exam				3	Fourteenth

					enth
Conformity testing	Discussion	Livestock	To summarize the types of livestock	3	Fifteenth
Course evaluation.11					
Distributing the degree from 100 according to the tasks assigned to the student, such as daily :preparation, daily, oral, monthly and editorial exams, and reports The first and second monthly exams are 30 degrees Daily exam: 10 degrees Report: 10 degrees Final exam: 50 degrees					
Learning and teaching resources					
Nothing			Required books (methodology, if any)		
Sabri Faris Al –Hiti/ Geography of the Arab World Naji Alloush/ natural and human geography of the Arab world			Main references (sources)		
Nothing			Books and references that are recommended (scientific journals and reports)		
/https://www.noor-book.com			Electronic references, Internet sites		

Course Description Form

Course name					
Geography of seas and oceans					
Course code					
Ocea.250					
Semester/Year					
Second semester 2024-2025					
Date this description was prepared					
15/1/2025					
Available attendance forms					
Lectures					
Total number of study hours / total number of units					
2/3					
If more than one / : Name of the course supervisor name is mentioned					
Assist. prof. Maytham abdulkadham H. E : bas799.mathem.abad@uobabylon.edu.iq					
Course objectives					
1-Introducing students to the theories that explain the formation of seas and oceans. 2-Introducing students to the geographical distribution of seas and oceans in the world. 3-Providing students with scientific knowledge of the characteristics of sea and ocean waters, and the resources found in them .				Subject objectives	
Teaching and learning strategies					
1- Discussion Strategy 2- Brainstorming Strategy 3- Problem Solving Strategy 4- E-Learning					Strategy
Strategy					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	Watches	The week
Oral tests	Lecture.. Display of globes	Historical development of the geography of seas and oceans	Understand and comprehend the material in terms of the required vocabulary	2	the first
Oral tests. Evaluation of participation in scientific activities	Lecture.. Display of globes	Ocean basins and theories that explain their existence	Understanding and comprehending the material, including the required vocabulary, and .preparing reports	2	the second
Oral tests	Lecture.. Display of globes	Geographical distribution of seas and oceans in the	Understanding and comprehending the material, including the	2	the third

		world	required vocabulary, preparing reports, and using maps		
Oral tests	Presentation and discussion	Climate conditions in the seas and oceans	Understand and comprehend the material in terms of the required vocabulary	2	Fourth
Oral tests, giving grades to reports assigned to students Oral tests	Lecture.. Display of globes	Monsoons, land and sea breezes, oceanic climates	Understand and comprehend the material in terms of the required vocabulary	2	Fifth
Oral tests	Presentation and discussion	Properties of water in seas and oceans/salinity	Understanding and comprehending the material, including the required vocabulary, and preparing reports	2	Sixth
Oral tests	Presentation and discussion	Properties of water in seas and oceans/temperature	Understanding and comprehending the material, including the required vocabulary, and preparing reports	2	Seventh
Oral tests, Evaluation of participation in scientific activities	Lecture.. Display of globes	Water movement in seas and oceans	Understand and comprehend the material in terms of the required vocabulary	2	The eighth
Oral tests		First month exam and report discussion		2	Ninth
Oral tests, giving grades to reports assigned to students Oral tests	Presentation and discussion	ocean floor topography	Understand and comprehend the material in terms of the required vocabulary	2	tenth
Oral tests	Presentation and discussion	Coastal geomorphological phenomena and coastal environment	Understanding and comprehending the material, including the required vocabulary, and preparing reports	2	eleventh
Oral tests, Evaluation of participation in scientific activities Oral tests	Presentation and discussion	Types of coasts, estuaries, isolated basins, general characteristics of the coastal environment	Understanding and comprehending the material, including the required vocabulary, preparing reports, and using maps	2	twelfth
Oral tests	Presentation and discussion	Natural food resources of the ocean	Understanding and comprehending the material, including the required vocabulary, and preparing reports	2	thirteenth
Oral tests, giving grades to reports assigned to students	Presentation and discussion	Non-food natural resources	Understanding and comprehending the material, including the required vocabulary, and preparing reports	2	fourteenth h
		Second month exam and discussion of reports			fifteenth

.Course Evaluation

The grade is distributed out of (100) according to the tasks assigned to the student, such as daily preparation, daily tests, oral and written tests, and reports

Learning and teaching resources

Introduction to the Geography of Seas and Oceans / Abdel-Ilah Razouki Karbal	
Geography of the Seas / Abdul Aziz Tareeh Sharaf Joda Hassanein Joda - Seas and Oceans	
https://www.iasj.net/iasj/journals	

.1 Course name:					
Agriculture geography					
.2 Course code					
AGGE.360					
.3 Semester/year					
The first course					
.4 Date of preparation of this description					
2024/9/15					
.5 Available attendance forms:					
In presence					
.6 Number of study hours (total) / Number of units (total)					
2 hours, 2 units					
.7 Name of the course supervisor: Ms. Zainab Qasim Najm (if more than one name is mentioned)					
Email : bas952.zainab.najim@uobabylon.edu.iq					
.8 Course objectives: Understand the importance of agricultural geography as one of the important branches of human geography.					
Subject objectives	<ul style="list-style-type: none"> • To explain the concept of agricultural geography • To clarify the methods of agricultural geography • To summarize the relationship of agricultural geography to other branches of geography • To explain scientifically the natural, human and biological factors affecting agricultural production 				
.9Teaching and learning strategies					
Strategy	Cooperative learning strategy Creative thinking strategy Question generation strategy				
.10Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	Wat ches	week
Essay Test	Discussion	The concept of agricultural geography and its importance	To explain the concept of agricultural geography	2	First
Matching Test	Problem Solving	The first centers of the emergence of agriculture	To mention the first centers of agricultural development	2	Second
True or False Test	Interrogation	Agricultural geography	To summarize the methods of		Third

		curricula	agricultural geography		
Multiple Choice	Discussion	The relationship of agricultural geography to other branches of geography and other sciences	To summarize the methods of agricultural geography		Fourth
Matching Test	Brainstorming	Natural factors affecting agricultural production/surface, climate, soil, water resources	To classify the natural factors affecting agricultural production		Fifth
First month exam					Sixth
Multiple Choice	Collaborative Learning	Human factors affecting agricultural production/Economic factors	To explain the human factors affecting agricultural production	2	Seventh
True or False	Discussion	Social factors	To summarize the social factors affecting agricultural production	2	Eighth
Matching Test	Discussion	Life factors	To show the life factors affecting agricultural production	2	Ninth
Essay Test	Problem Solving	Political factors	To explain the political factors affecting agricultural production	2	Tenth
Multiple Choice	Discussion	Agricultural production patterns	To classify the patterns of agricultural production	2	Eleventh
True or False Essay Test	Interrogation	Agricultural Site Theories	To explain the theories of agricultural sites. To explain animal production.	2	Twelfth
True or False Essay Test	Interrogation	Animal Production - Characteristics of Animal Production	To explain the theories of agricultural sites. To explain animal production.	2	Thirteenth
Second month exam				2	Fourteenth
Conformity testing	Brainstorming	Geographical factors affecting animal production (natural, human)	To explain the geographical factors affecting animal production.	2	Fifteenth

.11 Course evaluation	
The grade is distributed out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.	
.12 Learning and teaching resources	
Geography of Agriculture, Shalal Marai Remnants, Ibrahim Muhammad Hassoun Al-Qassab, 1996	Required textbooks (methodology if any)
Agricultural Geography, Nouri Khalil Al-Barazi, Ibrahim Abdul-Jabbar Al-Mashhadani, 2000	Main References (Sources)
Nothing	Recommended supporting books and references (scientific journals, reports, etc.)
Various articles on the Internet.	Electronic references, websites

Course Description Form

.1 Course name	
Geography of Iraq	
.2Course code	
Soge.150	
.3Chapter/Year	
quarterly2025 -2024 /	
.4Date of preparation of this description	
2024/12 /28	
.5Available attendance forms	
Lectures	
.6Total number of study hours / Total number of units	
3 3 /	
.7Course Supervisor Name: / If more than one name is mentioned	
Name: Hanan Abdul Karim Omran الايملbasic.hanan.abdul@uobabylon.edu.iq	
.8 Course objectives	
To show the location of Iraq To explain the factors affecting the location of Iraq To explain the elements of climate To classify the climatic regions in Iraq	Subject objectives
	Teaching and learning strategies
Creative thinking critical thinking brainstorming	Strategy

.10 Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	Watches	The week
Essay test	Discussion	Iraq location	To clarify the location of Iraq	3	the first
Matching test	Problem solving	The importance of Iraq's geographical location	To know the importance of Iraq's location	3	the second
True or false test	Interrogation	Climate factors in Iraq	To show the importance of climatic factors in Iraq	3	the third
Multiple choice	Discussion	Climate regions	To show the importance of climatic regions in Iraq	3	Fourth
Matching test	Brainstorming	Types of soil in Iraq	To know the types of soil in Iraq	3	Fifth
First month exam				3	Sixth
Multiple choice	Problem solving	Water resources in Iraq	To show the importance of water resources in Iraq	3	Seventh
True or false test	Discussion	Population in Iraq (concept = importance(To clarify the population in Iraq (concept – importance	3	الثامن
Essay test	Brainstorming	. Factors affecting population	To explain the factors affecting the population	3	Ninth
Matching test	Interrogation	Trade in Iraq	To clarify trade in Iraq	3	Tenth
Multiple choice	Discussion	Industry in Iraq	To clarify the industry in Iraq	3	Eleventh
True or false	Discussion	Transportation	To know the importance of	3	twelfth

test		in Iraq	transportation in Iraq		
Multiple choice	Interrogati on	Transportation in Iraq	To compare the types of transportation in Iraq	3	thirtee nth
Second month exam				3	Fourte enth
Matching test	Discussion	Tourism in Iraq	To compare the types of tourism in Iraq	3	fifteent h

.11 Course Evaluation

: The grade is distributed out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, and reports.

First and second monthly exam 30 points

Daily exam: 10 marks

Report: 10 marks

Final Exam: 50 marks

Learning and teaching resources

Abbas Fadhel Al–Saadi / Geography of Iraq, University of Baghdad 2008	Required textbooks (methodology if any)
Nothing	Main References (Sources)
Nothing	Recommended supporting books and references (scientific journals and reports)
Nothing	Electronic references, websites

Course Description Form

Course name .1	
geopolitics	
Course code .2	
Poge.410	
Semester/Year .3	
2025–First course/ 2024	
Date of preparation of this description .4	
2024/9/15	
Available forms of attendance .5	
Lectures	
total number of units / Total number of study hours .6	
2/2	
If more than one name is mentioned / : Name of the course supervisor .7	
Dr. Zahraa Hussein Youssef: the name	
Course objectives .8	
To explain the concept of political geography To explain the difference between political geography and .geopolitics To explain the history of the emergence of the state To clarify the importance of the country's natural resources To classify the types of countries according to their strength	Subject objectives
	Teaching and learning strategies
Creative thinking critical thinking Brainstorming	Strategy

Course structure .10					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	Watches	The week
Essay test	Discussion	The concept of political geography	concept of political the To clarify geography	3	the first
Matching test	Problem solving	History of the establishment of the state	the history of the To know establishment of the state	3	the second
or false test	interrogation	The importance of the country's natural resources	the To show the importance of country's natural resources	3	the third
Multiple choice	Discussion	political The borders of the state	To show the importance of the political borders of the state	3	Fourth
Matching test	Brainstorming	Types of political borders of the state	political To know the types of borders of the state	3	Fifth
First month exam				3	Sixth
Multiple choice	Problem solving	Human resources of the state	To show the importance of human resources of the state	3	Seventh
Right and wrong	Discussion	Geopolitical Theories in the World	To clarify the importance of geopolitical theories in the .world	3	The eighth
Essay test	Brainstorming	Mackinder's theory	To explain Mackinder's theory of the heart of the world	3	Ninth
Matching test	interrogation	Speckman's frame theory	To explain the framework theory of Spekman	3	tenth
choice Multiple	Discussion	Modern	To explain modern theories in	3	elevent

		theories in geopolitics	.geopolitics		h
Right and wrong	Discussion	Palestinian issue	To learn about the Palestinian issue	3	twelfth
Multiple choice	interrogation	Old and modern theories in geopolitics	To compare old and modern geopolitics theories in	3	thirteenth
month exam Second				3	fourteenth
Matching test	Discussion	Similarities and differences between the heart of the world theory and the frame theory	To compare the theories of the heart of the world and the framework theory	3	fifteenth
Course Evaluation .11					
<p>The grade is distributed out of 100 according to the tasks assigned to the student, such as daily : preparation, daily, oral, monthly and written exams, and reports</p> <p>First and second monthly exam 30 points</p> <p>Daily exam: 10 marks</p> <p>Report: 10 marks</p> <p>marks 50 :Final Exam</p>					
Learning and teaching resources					
Geopolitical Applications / Prof. Dr. Sabry Hiti / 2000 AD–Faris Al			(Required textbooks (methodology if any		
Nothing			(Main References (Sources		
Nothing			Recommended supporting books and references (and reports scientific journals)		
/https://www.noor-book.com			Electronic references, websites		

Course Description Form

-1 Course Name					
General teaching methods					
Course code -2					
GemeT.200					
Semester/Year					
First course/ 2024-2025					
Date this description was prepared-4					
29 / 2 / 2024					
Available attendance forms- 5					
Lectures					
Total number of study hours / Total number of units -6					
3 /3					
7 - Name of the course administrator: / If more than one name is mentioned					
: Name: Saja Abdul Masrahed					
8 -Course objectives					
To explain teaching theories To explain teaching skills To explain effective teaching To explain the importance of creative teaching To classify types of teaching methods					Subject objectives
					Teaching and learning strategies
					Strategy
10 - Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	Watches	Week
Essay test	Discussion	teaching theories	To explain teaching theories	3	First
Matching test	Discussion	the concepts and terminolo of teaching methods	To learn the concepts and terminology of teaching methods	3	Secon d
True or false test	Interrogation	the importance of teaching skills	To demonstrate the importance of teaching skills	3	Third
Multiple choice	Discussion	the importance of effective teaching	To demonstrate the importance of effective teaching	3	Fourth
Matching test	Brainstormin g	the types of teaching methods	To learn about the types of teaching methods	3	Fifth
			First month exam	3	Sixth
Multiple choice	Problem solving	the importance of creative teaching	To show the importance of creative teaching	3	Sevent h
True or false test	Discussion	the method of lecture, discussion	To explain the method of lecture, discussion and problem solving.	3	Eighth

		and problem solving.			
Essay test	Brainstorming	the brainstorming method	To explain the brainstorming method	3	Ninth
Matching test	Interrogation	cooperative learning	To explain cooperative learning	3	Tenth
Multiple choice	Discussion	the project method and discovery learning	To explain the project method and discovery learning	3	Eleventh
True or false test	Discussion	about the study units method and mastery learning	To learn about the study units method and mastery learning	3	Twelfth
Multiple choice	Interrogation	the inductive and deductive method	To compare the inductive and deductive method	3	Thirteenth
Second month exam				3	Fourteenth
Matching test	Discussion	the two methods of roles and acting	To compare the two methods of roles and acting	3	Fifteenth

11 .Course Evaluation

The grade is distributed out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, and reports:

First and second monthly exam: 30 points

Daily exam: 10 points

Report: 10 points

Final exam: 50 points

Learning and teaching resources

Nothing	Required textbooks (methodology if any)
Mohsen Attia/ Modern Curricula and Teaching Methods Tawfiq Marai and Al-Hila Muhammad/ General Teaching Methods Abdullah Ali Hadi/ General Teaching Methods	Main References (Sources)
Nothing	Recommended supporting books and references (scientific journals and reports)
https://www.noor-book.com/	Electronic references, websites

Course Description Form

.1 Course name	
Soil geography	
.2Course code	
Soge.150	
.3Chapter/Year	
quarterly2025 -2024 /	
.4Date of preparation of this description	
2024/12 /28	
.5Available attendance forms	
Lectures	
.6Total number of study hours / Total number of units	
2 2 /	
.7Course Supervisor Name: / If more than one name is mentioned	
Name: Hanan Abdul Karim Omran الايمل basic.hanan.abdul@uobabylon.edu.iq	
.8 Course objectives	
To explain the concept of soil To show the importance of soil To explain the relationship between soil and other sciences. To explain the components of soil To classify the types of soils	Subject objectives
	Teaching and learning strategies
Creative thinking critical thinking brainstorming	Strategy

.10 Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	Watches	The week
To test the articles	Discussion	soil concept	To explain the concept of soil	2	the first
Matching test	Problem solving	The importance of soil	To know the importance of soil	2	the second
True or false test	Interrogation	The relationship of soil to other sciences	To show the relationship between soil and other sciences.	2	the third
Multiple choice	Discussion	Factors affecting soil	To show the factors affecting the soil	2	Fourth
Matching test	Brainstorming	types of soils	To know the types of soils	2	Fifth
First month exam				2	Sixth
Multiple choice	Problem solving	Soil components in Iraq	To show the components of soil in Iraq	2	Seventh
True or false test	Discussion	The relationship between soil and living organisms (humans – animals – plants(To explain the relationship between soil and living organisms (humans, animals, plants.(2	الثامن
Essay test	Brainstorming	Physical properties of soil	To explain the physical properties of soil.	2	Ninth
Matching test	Interrogation	Chemical	To explain the chemical	2	Tenth

	on	properties of soil	properties of soil		
Multiple choice	Discussion	Soil biological properties	To explain the biological properties of soil.	2	Eleventh
True or false test	Discussion	Effect of agricultural operations on soil properties	To know the effect of agricultural operations on soil properties	2	twelfth
Multiple choice	Interrogation	Types of soils in Iraq	To compare the types of soils in Iraq	2	thirteenth
Second month exam				2	Fourteenth
Matching test	Discussion	To compare the problems affecting the soil	To compare the problems affecting the soil	2	fifteenth

.11 Course Evaluation

: The grade is distributed out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, and reports.

First and second monthly exam 30 points

Daily exam: 10 marks

Report: 10 marks

Final Exam: 50 marks

Learning and teaching resources

, Isfaa Al-Muthafar / Soil Geography / University of Kufa	Required textbooks (methodology if any)
Nothing	Main References (Sources)
Nothing	Recommended supporting books and references (scientific journals and reports)
Nothing	Electronic references, websites

Course description form

The decision name	
Geomorphology	
The decision Code	
Geom.100	
the year / the chapter	
the second	
the description this Preparation Date .4	
2024/9/10	
Available the audience shapes .5	
weekly	
(total Units number / total Scholarship hours number) .6	
30	
(Mentioned name from more if) Academic The decision responsible name .7	
art.wesam@uobabylon.edu.iq : Email D r . W i s s a m R a j i N a j i : Name	
Course objectives	
Subject objectives	It is very important for the student of the Department of Archeology to with the nature of the formation of planet Earth and become familiar deals with physical geography, as it is the basic part of geography that with the study of natural phenomena and laws that control geographical facts. It is also an analytical and interpretive study of the development of the relationship between man and nature, and Earth, the through it The student learns about the formation of the development of its surface forms, the most important natural resources that can be exploited, and the development of this formation throughout history
9.Teaching and learning strategies	
Strategy	<p>Knowledge and understanding-A</p> <p>.the student understands what is meant by geology That –A1</p> <p>The student should know the basic areas of historical – A2</p> <p style="text-align: right;">.geography</p> <p>The student should know the nature of change in natural – A3</p> <p style="text-align: right;">.phenomena and terrain over time</p> <p>know the effect of natural phenomena student should The – A4</p> <p style="text-align: right;">on antiquities and how to protect antiquities from natural</p> <p style="text-align: right;">phenomena</p> <p>A5: The student will be familiar with modern exploration methods</p> <p>.using satellite visuals</p>
	: specific skills–Subject – BB
	geological stages that the Earth went through The – B 1

	<p>.according to their chronological sequence about the geographical distribution of The student learns – B2</p> <p>.ancient and modern human populations and GIS Knowledge of modern programs such as – B3</p> <p>. using remote sensing exploration</p>
	Teaching and learning methods
	<ul style="list-style-type: none"> - Using the smart board - Using a data show device - Video illustrative examples - Writing on the board to illustrate diagrams - Calculator for practical application and implementation viewing
	methods Evaluation
	<ul style="list-style-type: none"> - Exam theoretical And practical - Tests Daily - Duties Presence And activity - .Class discussions
	<p>Thinking skills -C</p> <p>Expanding the student's scientific understanding when linking -C1</p> <p>-C2 .various cognitive information and then applying it in his studies</p> <p>Giving requester Methods To analyze the problem Research And solve it</p> <p>-C3 addition skills mentality for him</p> <p>Expansion -C4 His thinking Mental And predictive And oral Creative</p>
	<p>employability and General and transferable skills (other skills related to -D</p> <p>.(personal development</p> <p>Use -D1 Programs ' to treat problems ' communication in using the computer</p> <p>Problems To process New techniques Use -D2</p>

Course structure					
Learning	Learning method	Topic name	Learning outcomes	Watches	week
General questions	Lecture and discussion	The first week / natural geography	- 1- Definition 2- Its fields Its objectives -3	2	1
General questions	Lecture and discussion	Earth's second week atmosphere and geological cycles	The student -1 theories the understands of continental separation Rock cycle in nature -2 The water cycle -3 in nature	2	2

Daily calendar test	Lecture and discussion	Antiquity /the third week	- The student's ability to classify it into eras, eras, and eras according to time student's The -2 knowledge of climate changes in those eras	2	3
General questions	Lecture and discussion	\fourth week Geomorphology of natural disasters	- An introductory overview of earthquakes 2- Mudslides How it works to bury and hide cities Showing -3 educational videos to learn about the work of phenomena	2	4
Daily calendar test	Lecture and discussion	Erosion \ The fifth week and weathering processes	- Definition of erosion and weathering 2- The student compares erosion and weathering and He studies -3 discusses the oldest memoirs of a Sumerian student	2	5
Daily testing	Lecture and discussion	Climate \the sixth week and its effects on the environment and structure	1- Presentation of climate elements 2- The student learns about the relationship between climate and humans Explain how -3 climate affects archaeological buildings	2	6
General questions	Lecture and discussion	Week Seven : The origin and development of rivers and plains	Discusses the stages of - river course development An applied -2 presentation with maps of the development of the course of the Tigris and Euphrates rivers	2	7
General questions	Lecture and discussion	The eighth week: Mesopotamian civilizations and their	Identify the nature of the expansion of the alluvial plain over the ages	2	8

		expansion	The expansion of -2 these civilizations southward with the expansion of the alluvial plain		
Daily calendar test	Lecture and discussion	The ninth week / topographical maps	Identify topographic 1- maps Explaining the basic -2 points shown by the maps	2	9
Daily calendar test	Lecture and discussion	The tenth week / stripping operations	An introductory overview of satellites Displaying samples of -2 satellite images	2	10
General questions	Lecture and discussion	weathering :Week eleven processes	Definition of 1- erosion and its most important factors The student -2 learns about the dynamics of its work	2	11
Daily calendar test	Lecture and discussion	Definition of 1- weathering and its most important factors student The 2- learns about the dynamics of its work The student -3 compares erosion and weathering	Week Eleven: - Weathering processes	2	12
Daily calendar test	Lecture and discussion	Protecting \Week Thirteen archaeological areas from natural factors	student learns The- about the effect of groundwater Identify the natural -2 factors in the alluvial plain	2	13
General questions	Lecture and discussion	\The thirteenth week Protecting archaeological areas from natural factors	The student learns -1 effect of about the groundwater Identify the natural -2 factors in the alluvial plain	2	14
Evaluative test	Lecture and discussion	Week Fourteen: Geographical distribution of archaeological areas in Iraq	- Learn about the most important archaeological sites map on the Identify the -2 reasons for choosing these sites	2	15

Course Evaluation	
Daily practical exam 2 - Monthly practical exam 10 - Attendance and behavior 3 - (Practical Quarterly Quest (15	Daily theoretical exam 5 - Monthly theoretical exam 10 - Oral evaluation 5 - Behavior and attendance 5- (The Quarterly Quest for Theory (25-
(Final Quest (40 (Semester final exam (60	
Learning and teaching resources .12	
	(Required textbooks (methodology, if any
<ul style="list-style-type: none"> • The Evolution • Lopatin Dmitry Valentinovj .2015 • Surface Shapes of 	(Main references (sources
<ul style="list-style-type: none"> • Hassan Salama, Fundamentals of Geomorphology , 2012 	Recommended supporting books and (...references (scientific journals, reports
Websites appropriate to the lecture topic	itesElectronic references, Internet s

Course Description Form

-1 Course Name	
Educational Psychology	
Course code -2	
Edps.200	
Semester/Year	
Second course/ 2024-2025	
Date this description was prepared-4 .	
29 / 1 / 2025	
Available attendance forms- 5 .	
Lectures	
Total number of study hours / Total number of units -6	
2 /2	
7 - Name of the course administrator: / If more than one name is mentioned	
Name: Saja Abdul Masrahed	
8 -Course objectives	
To know the concept of educational psychology To explain the relationship between educational psychology and other sciences To explain the importance of feedback To mention the theories of transfer of learning effect To summarize the theories of learning	Subject objectives
	Teaching and learning strategies
Creative Thinking Critical Thinking Brainstorming	Strategy

10 – Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	Watches	Week
Essay test	Discussion	the concept of educational psychology	To know the concept of educational psychology	2	First
Matching test	Discussion	the ethics of the teaching profession	To list the ethics of the teaching profession	2	Second
True or false test	interrogation	the relationship between educational psychology and other sciences	To clarify the relationship between educational psychology and other sciences.	2	Third
Multiple choice	Discussion	the motivation	To know the motivation	2	Fourth
Matching test	Brainstorming	the educational functions of motivation	To list the educational functions of motivation	2	Fifth
First month exam				2	Sixth
Multiple choice	Problem solving	memory and April	To show the relationship between memory and April	2	Seventh
True or false test	Discussion	the theories of forgetting	To classify the theories of forgetting	2	Eighth
Essay test	Brainstorming	the training effect	To show the transfer of the training effect	2	Ninth
Matching test	Interrogation	the theories of learning transfer	To mention the theories of learning transfer.	2	Tenth
Multiple choice	Discussion	define feedback	To define feedback	2	Eleventh
True or false test	Discussion	importance of feedback	To explain the importance of feedback	2	Twelfth
Multiple choice	Interrogation	the reinforcement	To know the reinforcement	2	Thirteenth
Second month exam				2	Fourteenth

Matching test	Discussion	learning theories	To summarize learning theories	2	Fifteenth
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11 .Course Evaluation

The grade is distributed out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, and reports:

First and second monthly exam: 30 points

Daily exam: 10 points

Report: 10 points

Final exam: 50 points

Learning and teaching resources

nothing	Required textbooks (methodology if any)
Mohamed Mustafa Zidane/ Educational Psychology Abdul Majeed Nashawati/ Educational Psychology	Main References (Sources)
Nothing	Recommended supporting books and references (scientific journals and reports)
Nothing	Electronic references, websites

Course Description

nameThe decision					
Philosophy.					
codeThe decision					
Ocea.250					
the chapter / Year					
First course 2024-2025					
Date of preparationThis description					
08/01/2025					
.5 Shapes the audience Available					
In presence					
.6number Watches Academic (kidney)(Number of unitsTotal					
Number of hours (2) / Number of units (2)					
.7 name responsible The decisionAcademic (If more than one name is mentioned)					
Name: M.M. Safinaz Ali Hussein Email:bas673.a.ali@uobabylon.edu.iq M.M. Zahraa Sabbar Hussein					
Course objectives.					
1- Introducing students to philosophy, its origins, fields, and stages of development. 2- Introducing students to the stages of development of philosophy from ancient to contemporary and the most prominent philosophers in each stage. 3- Providing students with scientific knowledge related to the study of philosophy and its various topics.			Subject objectives		
Teaching and learning strategies					
1- Discussion strategy 2- Brainstorming strategy 3- problem solving strategy 4- Lecture strategy					Strategy
Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	Watches	week
Oral tests	The lecture.PowerP oint presentation on the concept of philosophy and its study topics	What is philosophy?	Understand and comprehend the materialSRequired vocabulary	2	the first

Oral tests, calendar Participation in Activities Scientific	Lecture, PowerPoint, show the relationship between philosophy and language and the reasons for the importance of language for philosophy	The relationship between philosophy and language	Understand and comprehend the material Required vocabulary Reporting	2	the second
Oral tests, delivery and discussion method	Lecture, PowerPoint presentation on the development of philosophical thought in ancient times and the most prominent philosophical schools during this period.	History of philosophical thought (antiquity).	Understand and comprehend the material Required vocabulary Reporting Using maps	2	the third
Oral tests and evaluation of students' scientific activities.	Presentation and discussion	History of philosophical thought (Middle Ages).	Understand and comprehend the material Required vocabulary	2	Fourth
Oral tests, discussion.	a lecture, PowerPoint, presentation of the stages of the emergence of Islamic philosophy and the movements of the development of Islamic philosophy.	The emergence of Islamic philosophy	Understand and comprehend the material Required vocabulary	2	Fifth
Presentation and discussion	elocution	The concept of mind and thought in Islam	Understand and comprehend the material Required vocabulary,.	2	Sixth
		First month exam		2	Seventh
Oral tests, Participation Calendar in Activities Scientific	a lecture, powerpoint, an offer To the philosophical schools of each of the Muslim philosophers and their philosophical ideas.	The position of Muslim scholars on philosophy (Al-Kindi).	Understand and comprehend the material Required vocabulary	2	The eighth
Discussion and oral tests	Presentation and discussion	Al-Farabi	Understand and comprehend the material in terms of the	2	Ninth

			required vocabulary		
Oral tests, Giving grades to reports assigned to students	Presentation and discussion.	Al-Ghazali, and discussing the reports assigned to the students	Understand and comprehend the materialSRequired vocabulary	2	tenth
Oral tests	Presentation and discussion.	Modern philosophy and factors of emergence	Understand and comprehend the materialSRequired vocabularyReporting	2	eleventh
Oral tests,calendar Participation in Activities Scientific	Presentation and discussion. PowerPoint presentation on Kant's philosophical ideas.	Flags of modern philosophical thought (Kant)	Understand and comprehend the materialSRequired vocabulary.	2	twelfth
Oral tests	Presentation and discussion.	Hegel, Sartre	Understand and comprehend the material with regard to the required vocabulary.	2	thirteenth
Oral tests, Giving grades to reports assigned to students	Presentation and discussion.	Abdullah Al-Aroui, Mohammed Arkoun	Understand and comprehend the materialSRequired vocabularyReporting	2	fourteenth
		exam The month the second			fifteenth

.11Course evaluation	
The grade is distributed out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.	
.12Learning and teaching resources	
Introduction to Philosophy – William James / Principles of Philosophy – Abdul Hamid Al–Saleh / History of Arab Philosophy – Jamil Saliba Greek Philosophy – Abdul Jalil Kazim	Required textbooks (methodology if any)
	Main References (Sources)
	Recommended supporting books and references (scientific journals, reports, etc.)
Various articles on the Internet.	Electronic references, websites

Course description form

Course name –1	
urban Geography	
Course code –2	
Urge.310	
Semester/year .3	
First course/ 2025–2024	
The date this description was prepared .4	
2024/9 /15	
E.Available forms of att endan ce.5	
Lectures	
Total number of study hours /Total number of units .6	
2/ 2	
Name of the course administrator.7	
Name:Khaled Jawad salman	
Course objectives .8	
<p>.1 To understand the geography of stes, their obechies and the delincs of the cty</p> <p>–2To learn about the internal structure of the city and its theories</p> <p>–3To understand the land uses in the city and know its basic functions</p> <p>–4To understand the classification of cities and know their types</p> <p>–5D. To understand the morphology of the city, what is meant by it, and the most important morphological stages it has gone through Arab Islamic cities</p> <p>–6To know the relationship between the city and the countryside, especially the economic and population relations</p> <p>–7To understand the administrative, cultural and service relations between the city and its region</p>	<p>Objectives of the study subject</p>
	<p>Teaching and</p>

	learning strategies
Creative thinking Creative thinking Brainstorming	Strategy

Course structure.10					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	Watches	week
Essay test	Discussion	City concept	To explain the concept of the city	2	The first
Conformity testing	Discussion	City goals	To explain the internal structure of the city	2	The second
Correctness test	Interrogation	Installation	To renew the city's goals	2	Fourth
Multiple choice	Discussion	Interior of the city	To explain the internal structure of the city	2	Fifth
Choose a match	Brainstorming	Theories of city formation	To mention theories of city formation	2	Fifth
Enumerate the uses of the land				2	Sixth
Multiple choice	Discussion	and uses	First month exam	2	Seventh
Multiple choice problem solving	Problem solving	Basic functions of the city	To show the basic functions of the city	2	Eighth
Right and wrong	Discussion	Types of cities	To clarify economic relations	2	Ninth
Essay test	Brainstorming	City	To explain the internal	2	tenth

	ng	morphology	structure of the city		
Conformity testing	Discussion	Stages of city morphology	To clarify economic relations	2	Eleventh 2
Right and wrong	Discussion	The relationship between city and Cunyside Economic Relations	To show population relations		twelfth
Multiple choice	Interrogation	Population Interrogation relations	To show population relations	2	thirteenth
Second month exam				2	fourteenth h
Onformity testing	Discussion	Cultlationshi ps Cultural And service	To show cultural and service relations	2	ifteenth
Course evaluabon.11					
<p>The grade rade is distributed out of 100 according to the tasks assigned to the student, such as</p> <p>daily preparation, daily, oral, monthly and written exams</p> <p>And reports</p> <p>First and second monthly exam 30 marks</p> <p>Daily exam: 10 marks</p> <p>Report: 10 marks</p> <p>Final exam: 50 marks</p>					
Learning and teaching resources					
Nothing			Required textbooks (methodology if any)		
Ahmed Kamal El Din Urban Geography Jamel Handan Geography of cries			Main References (Sources)		
Nothing			Prevailing books and references recommended by scientific jounals and reports)		

Nothing	Electronic references, websites
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Course Description Form

1–Course Name	
Population Geography	
2–Course Code	
Poge.270	
3– Semester/Year	
Semester/ 2024–2025 First Course	
4–Date of preparation of this description	
15/9/2024	
5–Available attendance forms	
In–person lectures	
6–Total number of study hours / Total number of units	
2	
7–Name of the course supervisor: / Samah Ibrahim Shamkhi. If more than one ,name is mentioned	
Name: Asst. Prof. Dr. Samah Ibrahim Shamkhi Email: Basic.samah.ibrahim.@uobabylon.edu.com	
8–Course objectives	
1–The student should be familiar with the concept of population geography, its stages of development, and its relationship with .other sciences 2–The student should be familiar with the sources of population .data 3–The student should be familiar with the distribution and .density of the population 4–The student should be informed about population growth and .its elements 5–The student should explain the importance of population \.structure and its characteristics 6–The student should explain the population policies in the	Subject objectives

world and the Arab world	
	Teaching and learning strategies
Establishing a scientific and cognitive approach in the student's knowledge and understanding of the population geography course according to a comprehensive approach and strategy	Strategy

10– Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	Watches	The week
Multiple choice test	Discussion	Population Geography Concept	To learn about the concept of population geography, its development and its relationship with other sciences	2	First
Moodle test	Interrogation	Population Data Sources	To learn about the sources of population data	2	Second
True or false test	Discussion	Population Censuses in Iraq	To show the population censuses in Iraq	2	Third
Multiple choice test	Discussion	Population Distribution	To explain the population distribution	2	Fourth
Multiple choice tests	Interrogation	Factors Affecting Population Distribution	To explain the factors affecting the population distribution	2	Fifth
First month test				2	Sixth
Multiple Choice	Discussion	General population growth and its importance	To show the general population growth and its importance	2	Seventh
True or False	Interrogation	Fertility and its measures	To explain fertility and its measures	2	Eighth
Essay Test	Discussion	Mortality and its measures	To explain mortality and its measures	2	Ninth
Moodle Test	Interrogation	Spatial movement of the population	To learn about the spatial movement of the population	2	Tenth
Multiple Choice	Discussion	Population structure	To explain the population structure and type	2	Eleventh
Second month test				2	Twelfth
Multiple Choice	Discussion and Interrogation	Population Policies	To compare population policies in the world	2	Thirteenth
True or False	Discussion and Interrogation	Population and Resources	To explain the relationship between population and resources	2	Fourteenth
Discussion Test	Discussion	The Future of Population Growth	To explain the future of population growth	2	Fifteenth
11– Course Evaluation					
<p>The grade is distributed out of 100 according to the tasks assigned to the student, such as daily :preparation, daily, oral, monthly, written exams, and reports</p> <p>First and second monthly exam: 30 points</p> <p>Daily exam: 10 points</p> <p>Report: 10 points</p> <p>Final exam: 50 points</p>					
Learning and teaching resources					

None	(Required textbooks (methodology if available)
1–Abbas Fadhel Al–Saadi, Population .Geography, Vol. 1 and Vol. 2, 2000 2–Taha Al–Hadith, Population Geography, Population Geography, University of Mosul, .Dar Al–Kutub, 1988 3–Abdul Zahra Al–Janabi, General Natural and Human Geography, Amman, Dar Safa. .2016	(Main references sources
None	(Recommended supporting books and references (scientific journals and reports)
https://www.noor-book.com	Electronic references, websites