

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

Academic Program and Course Description Guide

Introduction:

The educational program is a well-planned set of courses that include procedures and experiences arranged in the form of an academic syllabus. Its main goal is to improve and build graduates' skills so they are ready for the job market. The program is reviewed and evaluated every year through internal or external audit procedures and programs like the External Examiner Program.

The academic program description is a short summary of the main features of the program and its courses. It shows what skills students are working to develop based on the program's goals. This description is very important because it is the main part of getting the program accredited, and it is written by the teaching staff together under the supervision of scientific committees in the scientific departments.

This guide, in its second version, includes a description of the academic program after updating the subjects and paragraphs of the previous guide in light of the updates and developments of the educational system in Iraq, which included the description of the academic program in its traditional form (annual, quarterly), as well as the adoption of the academic

program description circulated according to the letter of the Department of Studies T 3/2906 on 3/5/2023 regarding the programs that adopt the Bologna Process as the basis for their work.

In this regard, we can only emphasize the importance of writing an academic programs and course description to ensure the proper functioning of the educational process.

Concepts and terminology:

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

<u>Course Description</u>: Provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the students to achieve, proving whether they have made the most of the available learning opportunities. It is derived from the program description.

Program Vision: An ambitious picture for the future of the academic program to be sophisticated, inspiring, stimulating, realistic and applicable.

<u>Program Mission:</u> Briefly outlines the objectives and activities necessary to achieve them and defines the program's development paths and directions.

Program Objectives: They are statements that describe what the academic program intends to achieve within a specific period of time and are measurable and observable.

<u>Curriculum Structure</u>: All courses / subjects included in the academic program according to the approved learning system (quarterly, annual, Bologna Process) whether it is a requirement (ministry, university, college and scientific department) with the number of credit hours.

Learning Outcomes: A compatible set of knowledge, skills and values acquired by students after the successful completion of the academic program and must determine the learning outcomes of each course in a way that achieves the objectives of the program.

Teaching and learning strategies: They are the strategies used by the faculty members to develop students' teaching and learning, and they are plans that are followed to reach the learning goals. They describe all classroom and extra-curricular activities to achieve the learning outcomes of the program.

Academic Program Description Form University Name: . Diyala...... Faculty/Institute: . Education for the humanities..... Scientific Department: Geography..... Academic or Professional Program Name: Final Certificate Name: Academic System: Description Preparation Date: File Completion Date:

Signature:

Signature:

Scientific Associate Name:

Head of Department Name:

Date:

Date:

The file is checked by: Department of Quality Assurance and University Performance Director of the Quality Assurance and University Performance Department: Date:

Signature:

Approval of the Dean

First Stage

1. Program Vision

Program vision is written here as stated in the university's catalogue and website.

2. **Program Mission**

Program mission is written here as stated in the university's catalogue

and website.

3. Program Objectives

General statements describing what the program or institution intends to achieve.

4. Program Accreditation

Does the program have program accreditation? And from which

agency?

5. Other external influences

Is there a sponsor for the program?

6. Program Structure

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

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

7. Program Description											
Year/Level Course Code Course Name Credit Hours											
	theoretical pra										

8. Expected learning outcomes of the program									
	Knowledge								
Learning Outcomes 1 Learning Outcomes Statemer									
	Skills								
Learning Outcomes 2	Learning Outcomes Statement 2								
Learning Outcomes 3	Learning Outcomes Statement 3								

	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

9. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

10. Evaluation methods Implemented at all stages of the program in general.

11. Faculty													
Faculty Members													
Academic Rank	Spec	ialization		Special	Number o	f the teaching							
			Requiremer	nts/Skills		staff							
			(if app	olicable)									
	General	Special			Staff	Lecturer							

Professional Development Mentoring new faculty members

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

Professional development of faculty members

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

outcomes, professional development, etc.

12. Acceptance Criterion

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

13. The most important sources of information about the program

State briefly the sources of information about the program.

14.	Program Development Plan
14.	Program Development Plan

	Program Skills Outline														
								iired j	progra	am Le	earning	g outcom	ies		
Year/Level	Course Code	Course Name	Basic or	Knowledge Skills						Ethic					
			optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	С3	C4
Second stag 2023-2024		Geography of dry regions	Sassy	*	*	*	*	*	*	*	*	*	*	*	*
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• Please tick the boxes corresponding to the individual program learning outcomes under evaluation.

	Course Description	on Form
	1. Course Name: Applied cliamatology	
	2. Course Code:	
	3. Semester / Year:	
		2023-2024
	4. Description Preparation Date:	4 // 0 /0000
		1/10/2023
-	5. Available Attendance Forms:	
H	6. Number of Credit Hours (Total) / Number of Ur	nits (Total
		hours 2 unite2
	7. Course administrator's name (mention all, it	,
	Name: Dr. Khaleo	d Noman Muhammad Al-Hamdani
	Emai	il: khalid.ge.hum@uodiyala.edu.iq
	8. Course Objectives	
	Course Objectives St	udents are introduced to the concept of drought and its causes
	Kn	nowing the distribution of dry lands in relation to the world and latitudes
		3-The importance of studying dry regions
		5-me importance of studying dry regions
	9. Teaching and Learning Strategies	

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St	rategy (Giving lectures and	preparing report	s by stu	dents on t	he subject							
0. Course													
Week	Hours	Required Learning Outcomes	Unit or subje nam		Learning method	Evaluation method							
One In veek	2	To be the student Familiar with related concepts Dry regions and locations Distributed geographically in Earth climatic	ography of dry regions	ow	a lecture video visit	onthly exam Daily duty Presence Students And follow them For the lecture							
12. Learni	ne score ou	ion at of 100 according to eaching Resources books (curricular books, Main references (se	daily oral, mo	onthly, o	r written ex	s daily preparation, ams, reports etc dry regions book							

Π		Geo-environmental perspective
		Author: Hassan Ramadan Salama,
I	ecommended books and references (scientific	
	journals, reports)	
	Electronic References, Websites	

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agency?

19. Other external influences

Is there a sponsor for the program?

20. Program S	20. Program Structure												
Program Structure	Number of	Credit hours	Percentage	Reviews*									

	Courses		
Institution Requirements			
College Requirements			
Department Requirements			
Summer Training			
Other			

 $\ast\,$ This can include notes whether the course is basic or optional.

21. Program Description								
Year/Level	Course Code	Course Name	Cı	redit Hours				
			theoretical	practical				

22. Expected learning outcomes of the program						
	Knowledge					
Learning Outcomes 1	Learning Outcomes Statement 1					
	Skills					
Learning Outcomes 2	Learning Outcomes Statement 2					
Learning Outcomes 3	Learning Outcomes Statement 3					
	Ethics					

Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

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Teaching and learning strategies and methods adopted in the

implementation of the program in general.

24. Evaluation methods

Implemented at all stages of the program in general.

25. Faculty								
					Facult	y Members		
Academic Rank	Specialization		Requiremer (if app	Special hts/Skills blicable)	Number of the teaching staff			
	General	Special			Staff	Lecturer		

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26. Acceptance Criterion

(Setting regulations related to enrollment in the college or institute, whether

central admission or others)

27. The most important sources of information about the program

State briefly the sources of information about the program.

			Pro	gram	Skills	Outl	ine								
							Requ	lired	progra	am Le	earning	g outcon	ies		
Year/Level Course Code Name	Basic or		Kn	owled	ge			;	Skills				Ethics		
		optional	A1	A2	A3	A4	B1	B2	B 3	B4	C1	C2	C3	C4	
2023 – 2024 First stage		Weather and climate	Basic	-	-	-	-	-	-	-	-				
-															
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• Please tick the boxes corresponding to the individual program learning outcomes under evaluation.

Course Description Form

13.	Course Name:							
		Weather and climate						
14.	Course Code:							
15.	Semester / Year:							
		2023 - 2024						
16.	Description Preparation Date	::						
		1 / 10 / 2023						
17.Ava	17.Available Attendance Forms:							
18.Nun	18.Number of Credit Hours (Total) / Number of Units (Total)							
		2 hours 2 units						
19.	Course administrator's name	e (mention all, if more than one						
nan								
	, ,	it teacher. Younus Mahdi saleh						
	Emaileuro	unus gou hum@uodivala odu ia						
	Email: yo	unus.gev.hum@uodiyala.edu.iq						
20								
20.	Course Objectives							
	Course Objectives	Introducing students to						
		geography of weather a						
		climate and their relationship						
		other types of geography						
		 The student must be fami with climatic phenomena, 						
		mutual relationships betwo						
		these phenomena, and						
		resulting effects						
		 Study of the layers of 						

		atmosphere and their impo in weather fluctuations							
21.	21. Teaching and Learning Strategies								
Stra	itegy	Giving lectures. Pre	paring r	eports by s	tudents on th	e topic			
	ourse S	tructure							
Week	Hours	Required Learning Outcomes	Uni	t or subject name	Learning method	Evaluation method			
Veekly ecture		e student must be niliar with ather, climate, d climatic ments and their pact on each other	eather a		Lecture ethod and e of teaching ls such as e blackboard and maps				
	23. Course Evaluation Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc								
24. Learning and Teaching Resources									

Required textbooks (curricular books, if any)	
Main references (sources)	علي عبد الزهرة الوائلي، اسس ومبادىء الطقس والمناخ،بغداد، مكتب زاكي للطبا
	الطقس والمناخ،بغداد، مكتب زاكي للطبا
	الطبعة الثانية، ، 2018
Recommended books and references	
(scientific journals, reports)	
Electronic References, Websites	

29. Program Vision

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30. **Program Mission**

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31. **Program Objectives**

General statements describing what the program or institution intends

to achieve.

32. Program Accreditation

Does the program have program accreditation? And from which

agency?

33. Other external influences

Is there a sponsor for the program?

34. Program Structure											
Program Structure	Number of Courses	Credit hours	Percentage	Reviews*							
Institution Requirements											
College Requirements											
Department Requirements											
Summer Training											
Other											

 $\ast\,$ This can include notes whether the course is basic or optional.

35. Program Description											
Year/Level Course Code Course Name Credit Hours											
			theoretical	practical							

36. Expected learning outcomes of the program								
	Knowledge							
Learning Outcomes 1 Learning Outcomes Statemen								
	Skills							
Learning Outcomes 2	Learning Outcomes Statement 2							
Learning Outcomes 3	Learning Outcomes Statement 3							

	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

37. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

38. Evaluation methods

Implemented at all stages of the program in general.

39. Faculty												
Faculty Members												
Academic Rank	Spec	ialization	Requiremer (if app	Special hts/Skills blicable)	Number o	f the teaching staff						
	General	Special			Staff	Lecturer						

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State briefly the sources of information about the program.

42. Program Development Plan

Year/Level Year/LevelCourse CodeCourse NameBasic or optional $Kn > V > V > V > V > V > V > V > V > V > $		Program Skills Outline														
Code Name optional Image: Code with the second						Requ	uired	progra	am Le	earning	g outcon	ies				
2023/2024 Arid regions -	Year/Level					Kn	owled	ge				Skills		I		
regions				optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
	-				-	-		-	-	-	-	-				
	-															
	-															

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

	Course Description Fo	rm	
25.	Course Name:		-
23.	Course Name:	Arid	ı Əş
26.	Course Code:		
27.	Semester / Year:		┢
		202	
28.	Description Preparation Date:		-
20.	Description rreparation Date.	1/1	(/
20 4			
29.AVa	ailable Attendance Forms:		
30.Nu	mber of Credit Hours (Total) / Number of U		
30.Nu	mber of Credit Hours (Total) / Number of U	nits (Total) 6 hours / 6 unit	
30.Nu 31.	mber of Credit Hours (Total) / Number of U Course administrator's name (mentio	6 hours / 6 unit	
		6 hours / 6 unit	
		6 hours / 6 unit on all, if more than one name)	
		6 hours / 6 unit on all, if more than one name) Name: Diyar Taher Yaser	
31.	Course administrator's name (mentio	6 hours / 6 unit on all, if more than one name) Name: Diyar Taher Yaser	 I f r

Strategy Delivering lectures. Students preparing reports on the top 34. Course Structure										
34. Course S Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Eva					
One ecture week	Зhour	For the Student To be Familiar With the Concepts Related To the Arid regions	Arid regions		Month Exam Daily signments Student Ittendance And Thein rticipation In lectures					

d	laily oral, monthly, or written exams, report						
36. Learning and Teaching Resources							
Required textbooks (curricular books, if any)							
Main references (sources)	Hassan Ramadan Salama,Geography						
	Regions,Al Massira printing and publishing						
	House,2015						
	Mohamed Mahmoud Mahmedeen						
	Hassan Abdulaziz Ahmed						
	Dry Regions and Desrtification						
	Lssue ,Dar Al-Kharaji for						
	Publishing and Distrbution						
	First Edition						
Recommended books and references (scientific journals,							
reports)							
Electronic References, Websites							
	<u> </u>						

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

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

7. Program Description				
Course Code	Course Name	Credit Hours		
		theoretical	practical	
			-	
		-	Course Code Course Name Co	

8. Expected learning outcomes of the program		
	Knowledge	
Learning Outcomes 1	Learning Outcomes Statement 1	
	Skills	
Learning Outcomes 2	Learning Outcomes Statement 2	
Learning Outcomes 3	Learning Outcomes Statement 3	

	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
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Faculty Members										
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	General	Special			Staff	Lecturer				

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	Program Skills Outline														
							Requ	lired	progra	am Le	earning	g outcon	ies		
Year/Level Course Code		Code Name	Basic or	Knowledge			Skills				Ethics				
	optional –	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4		
2024 \2		Applied yofthemati. map	Basic												

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

Course Description Form

Course Description Form
1. Course Name: Basics of weather and climate science
2. Course Code:
3. Semester / Year: 2\2024
4. Description Preparation Date: 16\3\2024
5. Available Attendance Forms:
6 Number of Credit Hours (Total) / Number of Units (Total)
6. Number of Credit Hours (Total) / Number of Units (Total)
7. Course administrator's name (mention all, if more than one name)
Teacher Dr. Marwa Salim Mohammad
marwa.ge.hum@uodiyala.edu.iq
marwa.ge.num@uouiyaia.euu.iq
8. Course Objectives
Course Objectives lowledge of the basics and principles of weather and climate science and th
branches of climatolog
nate elements, components, composition, and properties of the gaseous
osphere in the classroom
9. Teaching and Learning Strategies
Strategy cognizing the importance of detailed climate and climat

			measure	ements used in clima	te studie				
10. Cours	se Structi	ure							
Week	Hours	Required Learning	Unit or subject	Learning method	Evaluati				
		Outcomes	name		n metho				
-30	2	Theoretical and practical	sics of weather Id climate science		art rly and nal				
		uation 20–20–60 re out of 100 accordir preparati		ned to the student su ly, or written exams, re					
12. Lea	arning an	d Teaching Resource							
		books (curricular books,		ther and climate scie	ence				
		Main references (sc	purces) Profes	Professor Dr. Ali Abdel Zahra Al-Wael					
Recommen	ded book	s and references (so journals, rep		n Shehadeh - Ali Ahmo	ed Ghaner				
	E	lectronic References, We	ebsites WMC	WMO/ nasa.com <u>www.power</u>					

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Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution				
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Department				
Requirements				
Summer Training				
Other				

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49. Program Description										
Year/Level	Course Code	Course Name	Credit Hours							
			theoretical	practical						

50. Expected learning outcomes of the program							
	Knowledge						
Learning Outcomes 1	Learning Outcomes Statement 1						
	Skills						
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			Required program Learning outcomes												
Year/Level	Course Code	Course Name	Basic or		Kn	owled	ge			;	Skills				Ethics
			optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
2023/2024 Stage one		Arid regions		-	-		-	-	-	-	-				
_															
_															

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

	Course Description Fo	orm		
37.	Course Name:			
			Ari	d I e
38.	Course Code:			
39.	Semester / Year:			
			20)2:
40	Description Provident Data			_
40.	Description Preparation Date:		1.	/1(
			-1	
41.Avai	lable Attendance Forms:			
42.Num	nber of Credit Hours (Total) / Number of L	Inits (Total)	
42.Num	าber of Credit Hours (Total) / Number of เ	Inits (Total)	
42.Num 43.	nber of Credit Hours (Total) / Number of U Course administrator's name (mentio	on all, if m	nore than one name)	
		on all, if m		nh
		on all, if m Name:	nore than one name)	
		on all, if m Name:	n <mark>ore than one name)</mark> Raghda Shamran Amar	
43.	Course administrator's name (menti	on all, if m Name:	nore than one name) Raghda Shamran Amar aghda1990sh@gmail.co Definition of arid regions)m
43.	Course administrator's name (mentional course Objectives	on all, if m Name: Email: ra	nore than one name) Raghda Shamran Amar aghda1990sh@gmail.co Definition of arid regions Students	om s fo
43.	Course administrator's name (mentional course Objectives	on all, if m Name: Email: ra	nore than one name) Raghda Shamran Amar aghda1990sh@gmail.co Definition of arid regions	om s fo
43.	Course administrator's name (mentional course Objectives	on all, if m Name: Email: ra	Dore than one name) Raghda Shamran Amar aghda1990sh@gmail.co Definition of arid regions Students Understanding of the o	om s fe
43.	Course administrator's name (mentional course Objectives	on all, if m Name: Email: ra	Dore than one n Raghda Shamra aghda1990sh@, Definition of ar Students Understanding	an Amar gmail.co rid regions

	Strategy	Delivering lectu	res. Students	preparing reports o	on the topic
46. Course S Week	tructure Hours	Required Learning Outcomes	Unit or subject name	Learning method	Eva
One ecture r week		For the Student To be Familiar With the Concepts Related To the id regions	Arid regions	Lecture Video presentation	Month Exam Daily signments Student ttendance And Their rticipation In lectures

Hassan Ramadan Salama,Geography
Regions,Al Massira printing and publishing
House,2015
Mohamed Mahmoud Mahmedeen
Hassan Abdulaziz Ahmed
Dry Regions and Desrtification
Lssue ,Dar Al-Kharaji for
Publishing and Distrbution
First Edition

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College Requirements			
Department Requirements			
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Learning Outcomes Statement 4	Learning Outcomes 4
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Faculty Members									
Academic Rank	Spec	alization		Special	al Number of the tead				
			Requirements/Skills		kills				
			(if app	olicable)					
			· · · ·						
	General	Special			Staff	Lecturer			

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

Professional development of faculty members

Briefly describe the academic and professional development plan and arrangements

for faculty such as teaching and learning strategies, assessment of learning

outcomes, professional development, etc.

68. Acceptance Criterion

(Setting regulations related to enrollment in the college or institute, whether

central admission or others)

69. The most important sources of information about the program

State briefly the sources of information about the program.

	Program Skills Outline														
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or		Kn	owled	ge				Skills				Ethics
			optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
first stag				*	*	*	*	*	*	*	*	*	*	*	*
2023-2024															

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

	Course Descrip	tion Form					
49. Cours	se Name:						
		Geography of Africa and Australia					
50. Cours	e Code:						
51. Semes	ster / Year:						
		2023-2024					
52. Descr	iption Preparation Date:						
		1/10/2023					
53.Available Att	tendance Forms:						
54.Number of C	Credit Hours (Total) / Number of U	Units (Total					
		unite6hours 6 .					
55. Cours	se administrator's name (menti	ion all, if more than one name)					
		Name: Omar Ghafil Hajji Email: omar.gev@uodiyala.edu.iq					
56. Cours	e Objectives						
	Course Objectives	 he student knows what Geography 					
		Africa and Australia					
		 Known as branches of Geography Africa and Australia 					
57. Teach	ing and Learning Strategies						
Strategy							
	ng lectures, preparing reports by students on the subject, and conducting a visit						
	58						

s. Course	Structure								
Week	Hours	Required Learning	Unit or subject	Learning	Evaluatio				
		Outcomes	name	method	metho				
Dne In eek	2	to be requester versed With concepts	eography of Africa And Australia	field visit	onthly exam Daily duty Presence Students				
		concepts Related By ography of rica and Australia			d follow them r the lecture				
 59. Course Evaluation istributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc 60. Learning and Teaching Resources 									

Main references (sources)	ahim Abdul Jabbar Al-Mashhadani, Ahmed
	jmuddin Falija, Geography of Sub-Saharan
	rica, University of Baghdad, Faculty of
	Education Ibn Rushd
	bhi Ahmed Al-Dulaimi, Rod Ali Abdulaziz,
	ography of Africa and Australia, Dar
	iciency Knowledge for Publishing and
	Distribution, 2020
ecommended books and references (scientific	
journals, reports…)	
journais, reports)	
Electronic References, Websites	

71. **Program Vision**

Program vision is written here as stated in the university's catalogue and website.

72. **Program Mission**

Program mission is written here as stated in the university's catalogue

and website.

73. **Program Objectives**

General statements describing what the program or institution intends

to achieve.

74. **Program Accreditation**

Does the program have program accreditation? And from which

agency?

75. Other external influences

Is there a sponsor for the program?

76. **Program Structure**

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

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

77. Program Description								
Year/Level	Course Code	Course Name	Credit Hours					
			theoretical	practical				

78. Expected learning outcomes of the program					
	Knowledge				
Learning Outcomes 1 Learning Outcomes Statemer					
	Skills				
Learning Outcomes 2	Learning Outcomes Statement 2				
Learning Outcomes 3	Learning Outcomes Statement 3				

	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

79. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

80. Evaluation methods

Implemented at all stages of the program in general.

81. Faculty									
Faculty Members									
Academic Rank	Specialization		Requiremer (if app	Special hts/Skills blicable)	Number of the teaching staff				
	General	Special			Staff	Lecturer			

Professional Development
Mentoring new faculty members
Briefly describes the process used to mentor new, visiting, full-time, and part-time

faculty at the institution and department level.

Professional development of faculty members

Briefly describe the academic and professional development plan and arrangements

for faculty such as teaching and learning strategies, assessment of learning

outcomes, professional development, etc.

82. Acceptance Criterion

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

83. The most important sources of information about the program

State briefly the sources of information about the program.

84. Program Development Plan

	Program Skills Outline														
				Required program Learning outcomes											
Year/Level	Course Code			Code Name	de Name		Knowledge		Skills			Ethic			Ethics
			optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
2024 \2		Applied geomorph ology	Basic												

 1	r	1	1	1		1		1	1		
										1 '	1
										1 '	1
										1 '	
										└──── ′	L
										1 '	
										1 '	1
										1 '	1
										1 '	

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

Course Description Form

Course Description Form	
61. Course Name: Applied geomorphology	
62. Course Code:	
63. Semester / Year: 2\2024	
64. Description Preparation Date: 16\3\2024	
Description reparation Date: 10(5)2024	
65.Available Attendance Forms:	
66.Number of Credit Hours (Total) / Number of Units (Total)	
67. Course administrator's name (mention all, if more than one name)	
Name: Halah M.S.Majeed	
Email: iraqprof@yahoo.com	
68. Course Objectives	
Course Objectives wledge of the basics and principles of applied $ullet$	
geomorphology	
Iressing the most important geomorphic processes and land •	
forms	
e relationship of these processes and forms to human ● activities and risks	
69. Teaching and Learning Strategies	
Strategy	
I	

lightenment of the importance of land forms and their applications in various fields and human activities 70. Course Structure							
70. Cours Week	se Structu Hours	re Required Learning Outcomes	U	nit or subject name	Learning me	thod Evaluat n metho	
-30	2	Theoretical and practical	geom	Applied orphology-	scriptive and practical -	art rly and nal	
71. Course Evaluation 20–20–60 Distributing the score out of 100 according to the tasks assigned to the student such as dail preparation, daily oral, monthly, or written exams, reports etc							
72. Learning and Teaching Resources Required textbooks (curricular books, if any) Applied geomorphology Khalaf Al- Dulaimi 2018							
Main references (sources) plied geomorphology Taglub Garzis Recommended books and references (scientific journals, reports)							
	El	ectronic References, We	ebsites				

85. **Program Vision**

Program vision is written here as stated in the university's catalogue and website.

86. **Program Mission**

Program mission is written here as stated in the university's catalogue

and website.

87. **Program Objectives**

General statements describing what the program or institution intends

to achieve.

88. **Program Accreditation**

Does the program have program accreditation? And from which

agency?

89. Other external influences

Is there a sponsor for the program?

90. Program Structure

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

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

91. Program Description							
Year/Level	Course Code	Course Name	Credit Hours				
			theoretical	practical			

92. Expected learning outcomes of the program							
	Knowledge						
Learning Outcomes 1	Learning Outcomes Statement 1						
	Skills						
Learning Outcomes 2	Learning Outcomes Statement 2						
Learning Outcomes 3	Learning Outcomes Statement 3						

	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

93. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

94. Evaluation methods

Implemented at all stages of the program in general.

95. Faculty								
Faculty Members								
Academic Rank	Specialization		Requiremer (if app	Special hts/Skills blicable)	Number o	Number of the teaching staff		
	General	Special			Staff	Lecturer		

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Briefly describes the process used to mentor new, visiting, full-time, and part-time

faculty at the institution and department level.

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for faculty such as teaching and learning strategies, assessment of learning

outcomes, professional development, etc.

96. Acceptance Criterion

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

97. The most important sources of information about the program

State briefly the sources of information about the program.

	98.	Program Development Plan
--	-----	--------------------------

			Pro	gram	Skills	Outl	ine								
							Requ	lired	progra	am Le	earning	g outcon	ies		
Year/Level	Course Code	Course Name	Basic or		Kn	owled	ge			:	Skills				Ethics
			optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C 3	C4
2024 \1		Geography of Africa and Australia	Basic												

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

Course Description Form

73. Course Name: Geography of Africa and Australia
74. Course Code:
7 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
75. Semester / Year: 1\2024
76. Description Preparation Date: 16\3\2024
77.Available Attendance Forms:
78.Number of Credit Hours (Total) / Number of Units (Total)
79. Course administrator's name (mention all, if more than one name)
Name: Talal Munihel Karim
Email : talal22mnehil33@gmail.com
80. Course Objectives
Course Objectives dying the continents of Africa and Australia from the •
rsical and human sides scientifically using electronic
presentation means such as Power Point
81. Teaching and Learning Strategies
Strategy
a geography of Africa is a study in terms of leasting and
e geography of Africa is a study in terms of location, geology,
bography, soil, water resources, population and human activities ated to economic aspects, as well as the study of the continent
of Australia.

00 0000					
82. Cours					E volue
Week	Hours	Required Learning	Unit or subject	Learning method	Evaluat
		Outcomes	name		n metho
30	2		ography of Africa	descriptive	art
			and Australia -		erly
					and
		Theoretical			nal
		uation 20-20-60	1		1 1
Distributin	g the sco	re out of 100 accordir preparati		ned to the student su y, or written exams, re	
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	r
	-	Teaching Resource			
Re	quired text	books (curricular books,	,		_
				ajm Al-Din Fulaija, S ica, Baghdad Univer	
			Sallal all All	Press, Baghdad, 20	•
				Tress, Dagnaau, 20	510.
		Main references (sc	ources) alaija, Ahm	ed Najm al-Din, Afr	rica:
		Ŷ	,	l Regional Study of	
			n-Arab C	ountries, Alexand	-
				198	80.
			Sabry, Sala	h, Africa Beyond	the
			-	copean Renaissa	
				Library, Cairo, 19	990.
Recommen	ded book	s and references (so	zientific		

journals, reports…)	
Electronic References, Websites	

99. **Program Vision**

Diyala University seeks scientific leadership, excellence and creativity in the fields of higher education and scientific research to serve the community and enhance its local, regional and international standing to reach the highest levels of quality and international accreditation.

100. Program Mission

Providing effective academic university education through continuous development of academic programs in many specializations in light of the requirements of development plans to serve the labor market and contribute to promoting sustainable development.

101. Program Objectives

 Building a distinguished educational institution within international standards that meets the requirements of the local, regional and international community in accordance with the directions of the Ministry of Higher Education and Scientific Research.

2. Creating a stimulating environment for education and creativity by developing and updating scientific curricula and training and evaluation methods to keep pace with the requirements of the labor market.

3. Keeping pace with technological development in the fields of

blended e-learning and developing educational and academic programs to adapt university students and teaching staff.

4. Developing the teaching and administrative staff at the university through the exchange of experiences and scientific cooperation between the university, scientific research institutions, and the Arab, international, and twinning academy.

Scientific studies with reputable international universities.

5. Encouraging the production of sound scientific research that contributes to enriching knowledge and building society.

6. Developing the university's scientific fields and advancing them to reach the approved international classifications.

7. Paying attention to ensuring quality and academic performance to achieve quality and excellence and obtain favorable accreditation.

8. Activating the university's societal impact through combining scientific and academic capabilities with various sectors to address and

propose successful solutions for developing state institutions.

9. Establishing scientific, service and advisory research centers to serve state institutions, the private and mixed sectors, all the way to the productive university.

10. Graduating competent students who contribute to the development of society cognitively, economically and socially to support the public, private and mixed sectors so that they are able to compete and innovate in the labor market.

11. Developing the university's infrastructure by creating and building departments and laboratories and providing a healthy environment to serve the achievement of its goals and mission.

102. Program Accreditation

Adopting international education quality standards and the standards of

the Union of Arab Universities in the field of education quality

103. Other external influences

Ministry of Higher Education and Scientific Research, Ministry of Education, Ministry of Tourism and Antiquities

104. Program S	tructure			
Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements				
College Requirements				
Department Requirements				
Summer Training				
Other				

 $\ast\,$ This can include notes whether the course is basic or optional.

105.Program Description					
Year/Level	Course Code	Course Name	Cı	redit Hours	
			theoretical	practical	

106. Expected I	earning outcomes of the program
	Knowledge
1- The student should	Learning Outcomes Statement 1
discuss the importance of	
human rights.	
2- To make a comparison	
between human rights in	

	Islam and other religions.
	3- Instilling confidence in
	students
	4- Make the student
	interested in the scientific
	subject
	5- Clarifying the most
	prominent definitions related
	to the scientific subject
	6- Urging students to
	participate objectively in
	constructive dialogue
Skills	
Learning Outcomes Statement 2	Developing students'
	deduction skills
	2- Urging students to write
	reports
	3- Developing students'
	5 _ 5 · 6 · 6 p · · · 3 · 6 · · · 6
	analysis skills
Learning Outcomes Statement 3	
Learning Outcomes Statement 3 Ethics	
Ethics	analysis skills
Ethics	analysis skills Strengthening the skills of
Ethics	analysis skills Strengthening the skills of observation, perception,
Ethics	analysis skills Strengthening the skills of observation, perception, analysis and deduction

Learning Outcomes Statement 5

107.	Teaching and Learning Strategies
	1– Giving lectures explaining and clarifying.
	2- Self-education method.
	3- Asking students to submit reports and research.

108.	Evaluation methods
	Oral exams
	Liberal tests
	Daily posts
	Completing reports and assignments

109. Faculty					
				Facult	y Members
Academic Rank	Spec	ialization	Special	Number o	f the teaching
			Requirements/Skills		staff
			(if applicable)		
	General	Special		Staff	Lecturer

Professional Development

Mentoring new faculty members

Preparing seminars and introductory courses for new teachers, and holding periodic meetings to introduce them to work contexts and give advice and guidance.

Professional development of faculty members

The presence of an introductory brochure for the department that contains the department's goals, vision, mission, and the extent of commitment to them.

 The presence of a department head with appropriate academic and administrative experience in the field of specialization to manage and advance the academic program and department.

3. The presence of a department council and support committees that meet regularly, document their work, and follow up on their decisions.

4. Participate with students in the decision-making process and obtain feedback from them.

5. Availability of sufficient and appropriate administrative staff to ensure the smooth functioning of the department.

6. Providing qualified technical personnel to serve the academic program.

7. Developing and developing the technical and professional skills and capabilities of support staff in the field of specialization to keep pace with modern developments.

8. Provides an integrated archive for the department.

9. There is an induction and orientation program for new students.

110. Acceptance Criterion

Firstly, the conditions for admission to the college: -

1– Adopting admission conditions for students in accordance with the regulations of the Ministry of Higher Education and Scientific Research (central admission)

2- To successfully pass any special test or personal interview deemed appropriate by the college or university council.

3- He must be medically fit for the specialty applied for.

Secondly, the conditions for admission to the scientific department: -

1– Choose the student's desire from more than one desire arranged according to preference.

2- High school acceptance rate.

3- The course average of the department in which the student wishes to study.

4- Absorptive capacity of the scientific department.

111. The most important sources of information about the program

1- The central library at the university and the college and department library.

2- Websites.

3- Methodological books prescribed by the Ministry of Higher Education

and Scientific Research

112. Program Development Plan

1- Urging students to write reports and research.

2- Visiting libraries inside and outside the college and university.

3- Taking advantage of modern technologies in searching for scientific sources and references

	Program Skills Outline														
							Requ	uired j	progra	am Le	earning	g outcom	ies		
Year/Level	Course Code	Course Name	Basic or optional		Kn	owled	ge				Skills				Ethics
			optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	С3	C4
				1	1	1	1	1	1	1	1	1	1	1	1

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

	Course Des	cription Form
85.	Course Name:	
		Human rights and democracy
86.	Course Code:	
		HUR149
87.	Semester / Year:	
		Academic year 2023-2024
88.	Description Preparation D	ate:
		20/3/2024
89.Ava	ilable Attendance Forms:	
		Students
90.Nur	mber of Credit Hours (Total) / N	lumber of Units (Total)
		60
91. nar		me (mention all, if more than one
		Name: Ahmed Ali Mansour
		Email:
92.	Course Objectives	
Giving stude	ents a complete idea about human	•
	rights and democracy.	•
	с <i>у</i>	
Comparing		•

Course Description Form

Valley civilizations.	
Identify the development of human rights under	
three monotheistic religions: Judaism,	
Christianity, and Islam.	
Knowledge of the most important international	
human rights declarations and conventions.	
Explaining the concept of democracy, its	
forms, and its most important features.	
The importance of implementing democracy in	
iety through expressing one's opinion and	
participating in building the state.	
93. Teaching and Learning Stra	egies

Strategy

1- Giving lectures (explanation and clarification).

2- Self-education method.

3- Asking students to submit reports and research.

94. Course Structure

Week	Hours	Required Learning	Unit or subject name	Learning method	Evaluation method
		Outcomes			
00	00		sequence	iscussion and	Monthly, uarterly d final ecialized tests

95. Cou	irse Evalu	ation				
Distributing	Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc					
96. Lea	rning and	Teaching F	Resourc	ces		
Required tex	tbooks (cur	ricular books	, if any)	nan rights, de	emocracy and pul Mahe	blic freedoms er Sabri Kazem
	Main	references (s	ources)	ad Aziz Hadi Hu	uman rights: their o their contents - th	-
Recommended books and references ad Matar Al-Moussawi, human rights between globalization and Islam (scientific journals, reports)						
E	Electronic R	eferences, W	/ebsites	Science Way	Library, the New Li comprel	brary, and the nensive library

Second Stage

113. Program Vision

Program vision is written here as stated in the university's catalogue and website.

114. Program Mission

Program mission is written here as stated in the university's catalogue

and website.

115. Program Objectives

General statements describing what the program or institution intends

to achieve.

116. Program Accreditation

Does the program have program accreditation? And from which

agency?

117. Other external influences

Is there a sponsor for the program?

118. Program Structure

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

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

119.Program Description					
Year/Level	Course Code	Course Name	Credit Hours		
			theoretical	practical	

120. Expected I	earning outcomes of the program
	Knowledge
Learning Outcomes 1	Learning Outcomes Statement 1
	Skills
Learning Outcomes 2	Learning Outcomes Statement 2
Learning Outcomes 3	Learning Outcomes Statement 3

	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

121. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

122.	Evaluation methods
	Implemented at all stages of the program in general.

123. Faculty						
					Facult	y Members
Academic Rank	Spec	ialization		Special	Number o	f the teaching
			Requiremer	nts/Skills		staff
			(if app	olicable)		
	General	Special			Staff	Lecturer

Professional Development
Mentoring new faculty members
Briefly describes the process used to mentor new, visiting, full-time, and part-time

faculty at the institution and department level.

Professional development of faculty members

Briefly describe the academic and professional development plan and arrangements

for faculty such as teaching and learning strategies, assessment of learning

outcomes, professional development, etc.

124. Acceptance Criterion

(Setting regulations related to enrollment in the college or institute, whether

central admission or others)

125. The most important sources of information about the program

State briefly the sources of information about the program.

126. Program Development Plan

			Pro	gram	ram Skills Outline										
							Requ	uired p	progra	am Le	earning	g outcom	es		
Year/Level	Course Code	Course Name	Basic or		Kn	owledg	ge			:	Skills				Ethics
			optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
ferst stag				*	*	*	*	*	*	*	*	*	*	*	
2023-2024															
fuor stag				*	*	*	*	*	*	*	*	*	*	*	
2023-2024															

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

	Course Descrip	tion Form
97.	Course Name: Applied cliamatology	
98.	Course Code:	
99.	Semester / Year:	2023-2024
100.	Description Preparation Date:	
		1/10/2023
101.	Available Attendance Forms:	
102.	Number of Credit Hours (Total) / Numb	per of Units (Total
102.		hours 2 unite2
103.	Course administrator's name (menti	
		Name: Awatif Tahseen Ahmed Email: ge.hum@uodiyala.edu.iq.105
104.	Course Objectives	
	Course Objectives	 Introducing students to what biogeography Their knowledge of the branches of biogeography what is the benefit of biogeography for life Introducing students to what transporta geography is and defining the branches transportation geography and the benefits transportation geography in life
105.	Teaching and Learning Strategies	
	Strategy	
	99	

)6. Cours	e Structur	ē			ting a visit
Week	Hours	Required Learning Outcomes	Unit or subject	Learning method	Evaluatio methoo
<u>)</u> m o	4		name		
Dne In eek			Transport ography and iogeography	field visit	onthly exam Daily duty Presence Students d follow them r the lecture
107. Cours					
stributing t	he score ou	at of 100 according to t	the tasks assigned to th	e student such as	s daily preparation

	daily oral, monthly, or written exams, reports etc
	108. Learning and Teaching Resources
	Required textbooks (curricular books, if any)
	Main references (sources) þgeography Idris Sultan Saleh - Abdel bas Al-Ghurairah - Issam Abbas Babakir Karar - Al-Mutairi
I	ecommended books and references (scientific journals, reports…)
	Electronic References, Websites

127. **Program Vision**

Program vision is written here as stated in the university's catalogue

and website.

128. Program Mission

Program mission is written here as stated in the university's catalogue

and website.

129. Program Objectives

General statements describing what the program or institution intends

to achieve.

130. Program Accreditation

Does the program have program accreditation? And from which

agency?

131. Other external influences

Is there a sponsor for the program?

132. Program S	tructure			
Program Structure	Number of	Credit hours	Percentage	Reviews*
	Courses			
Institution				
Requirements				
College				
Requirements				
Department				
Requirements				
Summer Training				
Other				

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

133.Program	Description			
Year/Level	Course Code	Course Name	Cı	edit Hours
			theoretical	practical

134. Expected	learning outcomes of the program
	Knowledge
Learning Outcomes 1	Learning Outcomes Statement 1
	Skills
Learning Outcomes 2	Learning Outcomes Statement 2

Learning Outcomes Statement 3	Learning Outcomes 3
Ethics	
Learning Outcomes Statement 4	Learning Outcomes 4
Learning Outcomes Statement 5	Learning Outcomes 5

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

136.	Evaluation methods
	Implemented at all stages of the program in general.

			Facult	y Members		
Spec	ialization	Special	Number of the teach			
		Requirements/Skills		staff		
		(if applicable)				
General	Special		Staff	Lecturer		
		Specialization General Special	Requirements/Skills (if applicable)	Specialization Special Number o Requirements/Skills (if applicable)		

Professional Development

Mentoring new faculty members

Briefly describes the process used to mentor new, visiting, full-time, and part-time

faculty at the institution and department level.

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

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138. Acceptance Criterion

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

139. The most important sources of information about the program

State briefly the sources of information about the program.

140. Program Development Plan

			Pro	gram	Skills	Outl	ine								
							Requ	uired j	progra	am Le	earning	g outcon	ies		
Year/Level	Course Code	Course Name	Basic or		Kno	owled	ge			;	Skills				Ethics
			optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	С3	C4
2023-2024 Second stage		Developm ental psycholog y	secondary	-	-	-	-	-	-	-	-				
-															

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

	Course Descri	P
109.	Course Name:	Developmental psychology
		Developmental psychology
110.	Course Code:	
111.	Semester / Year:	
		2023-2024
112.	Description Preparation Date	2:
		1\10\2023
113.	Available Attendance Forms:	
114.	Number of Credit Hours (Total) / Number of Units (Total)
115.		each division 3 people 6 hours 3 units e (mention all, if more than one name) Name: alaa saeed hrath Email: <u>lasyd358@gmail.com</u>
116.	Course Objectives	
	Course Objectives	 Introduces students to the nate developmental psychology Understands the stages of developmen Introduces students to their stat development
117.	Teaching and Learning Strateg	jies
Strategy	muhadarat , tahdir taqarir m	in qibal altulaab hawl almawdue , munaqasha

		Structure							
Week	Hours	Required Learning Outcomes	U	nit or subject name	Learning method	Evaluation method			
		e student ist be niliar with concepts ated to velopmental	velopm psych	ology	Lecture discussion the video esentation of theorist	monthly am and a daily quirement students attend d follow he lecture			
		Evaluation e score out of 100 acc prep	-		assigned to the stu onthly, or written ex	-			
		g and Teaching Res							
Requ	Required textbooks (curricular books, if any)								
		Main references (so	,	mid Abdel velopmenta souma A	l Psychology, Salam, World l Psychology, .hmed, Nobel lishing House, Ku	Ibrahim, Library			

books	and	references
(scientific	journal	s, reports)
ectronic Re	eference	es, Websites
	(scientific	books and (scientific journals ectronic Reference

Program vision is written here as stated in the university's catalogue and website.

142. Program Mission

Program mission is written here as stated in the university's catalogue and website.

143. Program Objectives

General statements describing what the program or institution intends to achieve.

144. Program Accreditation

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

145. Other external influences

Is there a sponsor for the program?

146. Program Structure									
Program Structure	Number of	Credit hours	Percentage	Reviews*					
	Courses								
Institution									
Requirements									
College									
Requirements									
Department									

Requirements		
Summer Training		
Other		

147.Program Description										
Year/Level Course Code Course Name Credit Hours										
		theoretical practical								

148. Expected	earning outcomes of the program
Knowledge	
Learning Outcomes 1	Learning Outcomes Statement 1
Skills	
Learning Outcomes 2	Learning Outcomes Statement 2
Learning Outcomes 3	Learning Outcomes Statement 3
Ethics	
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

149. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

150. Evaluation methods

Implemented at all stages of the program in general.

151. Faculty			
Faculty Members			
Academic Rank	Specialization	Special	Number of the teaching staff
	·		

		Requirements/Skills (if applicable)			
General	Special				Lecturer

Professional Development

Mentoring new faculty members

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

Professional development of faculty members

Briefly describe the academic and professional development plan and arrangements

for faculty such as teaching and learning strategies, assessment of learning

outcomes, professional development, etc.

152. Acceptance Criterion

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

153. The most important sources of information about the program

State briefly the sources of information about the program.

154.

Program Development Plan

Program Skills Outline															
					Required program Learning outcomes										
Year/Level	Course Code			Knowledge S			Skill	S			Ethics				
			optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C 3	C4
Second stag 2023-2024		Geography of Eurasia	Sassy	*	*	*	*	*	*	*	*	*	*	*	*

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

	Course Description Form										
12	121. Course Name: Applied cliamatology										
12	122. Course Code:										
_											
_	23. 3-2024	Semester	r / Year:								
		Descripti	ion Preparation Dat	· ^ •							
_)/2023	Descripti									
_ /	1	Available	e Attendance Forms:								
11	26.	Number	of Cradit Hours (Tat	$(1) / Num^{1}$	hor of Unit	r (Total					
	20. 8 hou		of Credit Hours (Tota 3 units	ai) / INUIN		s (10tal					
12			administrator's nam			nore than one r	name)				
		-	ed Noman Muhamr e.hum@uodiyala.ec		amuani						
		8		1							
12	28.	Course C	bjectives								
ours	e Objectiv	ves			_		e continent of Asia				
						ow him in Europe					
					3-The imp Eurasia	portance of study	ing the geography				
12	29 . .	Teaching	and Learning Strate	egies							
trate			<u> </u>	5							
			Giving lectures	and prep	aring repo	orts by students	on the subject				
30.	Course	e Structur	e.								
Veek		Hours	Required Learning	Unit or su	ubiect	Learning	Evaluation				
			Outcomes	name		method	method				
	Four	8	To be the student		eography	alecture	onthly exam				
	lecture		Familiar with	Ει	irasia	Show vid visit	Daily duty Presence				
	per week		related concepts Geography			V151L	Students				
			Eurasia				And follow then				
_							For the lecture				

	131. Course Evaluation										
	vistributing the score out of 100 according to the tasks assigned to the student such as daily preparation aily oral, monthly, or written exams, reports etc										
	132. Learnii	ng and Te	eachir	ng Resourc							
-	equired textbo	ooks (curric	ular b	ooks, if any)							
	lain reference	s (sources)					The Geography of Eurasia book: A study in geograph				
							General and regional Author: Hashem Khudair Al-Janabi				
ł	ecommended	books	and	references	(scie	entific					
j	ournals, report	s)									
	lectronic Refe	rences, We	ebsites	;							

Program vision is written here as stated in the university's catalogue and website.

16. **Program Mission**

Program mission is written here as stated in the university's catalogue

and website.

17. **Program Objectives**

General statements describing what the program or institution intends

to achieve.

18. **Program Accreditation**

Does the program have program accreditation? And from which

agency?

19. Other external influences

Is there a sponsor for the program?

20. Program Structure

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

21. Program Description										
Year/Level	Course Code	Course Name	Credit Hours							
			theoretical	practical						

22. Expected learnin	22. Expected learning outcomes of the program								
	Knowledge								
Learning Outcomes 1	Learning Outcomes Statement 1								
	Skills								
Learning Outcomes 2	Learning Outcomes Statement 2								
Learning Outcomes 3	Learning Outcomes Statement 3								

	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

23. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

24. Evaluation methods

Implemented at all stages of the program in general.

25. Faculty									
Faculty Members									
Academic Rank	Specialization		Requiremen (if app	Special nts/Skills plicable)	Number of the teaching staff				
	General	Special			Staff	Lecturer			

Professional Development
Mentoring new faculty members
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faculty at the institution and department level.

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outcomes, professional development, etc.

26. Acceptance Criterion

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

27. The most important sources of information about the program

State briefly the sources of information about the program.

28.	Program Development Plan	

Program Skills Outline															
Required program Learning outcomes															
Year/Level Course Code		ode Name	Name		Kn	owled	ge				Skills				Ethics
	optional	A1	A2	A3	A4	B1	B2	B 3	B4	C1	C2	C3	C4		
2024 \2		Applied yofthemati. map	Basic												
-															

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

Course Description Form

13. Course Name: Applied thematic map								
14. Course Code:								
15. Semester / Year: 2\2024								
16. Description Preparation Date: 16\3\2024								
17.Available Attendance Forms:								
18.Number of Credit Hours (Total) / Number of Units (Total)								
19. Course administrator's name (mention all, if more than one name)								
19. Course administrator's name (mention all, if more than one name) Name khlood Ali.Hadi.khlood.ge.@uodiyala.edu.iq								
20. Course Objectives								
Course Objectives y								
land fo	rm							
thematic map scien of maps								
21. Teaching and Learning Strategies								
Strategy								
lightenment of the importance of land forms and their								
applications in various fields and human activities								

	I					
22. Cour	se Structu	ure				
Week	Hours	Required Learning	U	nit or subject	Learning method	Evaluati
		Outcomes		name		n metho
-30	2		apl	ied of map-	scriptive and	art
					practical -	rly
						and
		Theoretical				nal
		and practical				
23. Co	urse Eval	uation 20-20-60				-
Distributir	ng the sco	re out of 100 accordin	ng to th	ne tasks assig	ned to the student su	ch as dai
		preparati	on, dail	y oral, monthl	y, or written exams, rej	ports et
24. Lea	arning and	d Teaching Resources	S			
Re	equired text	books (curricular books,	if any)	Ap	plied of basic.map 2	012
		Main references (so	ources)		Applied of r	nap
		(,		* *	•
Recommer	nded book	s and references (sc	ientific			
		journals, repo	orts)			
	E	lectronic References, We	ebsites			

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agency?

159. Other external influences

Is there a sponsor for the program?

160. Program Structure

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

161.Program Description										
Year/Level	Course Code	Course Name	Credit Hours							
			theoretical	practical						

162. Expected	learning outcomes of the program
	Knowledge
Learning Outcomes 1	Learning Outcomes Statement 1
	Skills
Learning Outcomes 2	Learning Outcomes Statement 2
Learning Outcomes 3	Learning Outcomes Statement 3

	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

163. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

 164.
 Evaluation methods

 Implemented at all stages of the program in general.

165. Faculty						
					Facult	y Members
Academic Rank	Spec	ialization		Special	Number o	of the teaching
			Requirements/Skills			staff
			(if app	olicable)		
	General	Special			Staff	Lecturer

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166. Acceptance Criterion

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central admission or others)

167. The most important sources of information about the program

State briefly the sources of information about the program.

168. Program Development Plan

	Program Skills Outline														
							Requ	lired	progra	am Le	earning	g outcom	les		
Year/Level	Course Code	Course Name	Basic or		Kn	owled	ge				Skills				Ethics
			optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	С3	C4
second stag				*	*	*	*	*	*	*	*	*	*	*	*
2023-2024															
-															

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

133.	Course Name:				
		Geography population			
134.	Course Code:				
135.	Semester / Year:				
		2023-202			
136.	Description Preparation Date:				
		1/10/202			
137.	Available Attendance Forms:				
138.	Number of Credit Hours (Total) / Number of Units (Total				
139.	Course administrator's name (ment	ion all, if more than one name)			
	, ,	Name: Omar Ghafil Hajji			
		Email: omar.gev@uodiyala.edu.iq			
1.40	Course Objectives				
140.	Course Objectives Course Objectives	 he student knows what geo 			
		population			
		 • Known as branches of geo 			
		population			
		 The importance of st Geography 			

			g reports by stude		bject, and ting a visit	
42. Cours Week	e Structu Hours	re Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method	
One In zeek	2	to be requester versed With concepts Related population geography	ocial geography	field visit	onthly exam Daily duty Presence Students d follow them r the lecture	
143. Course Evaluation istributing the score out of 100 according to the tasks assigned to the student such as daily preparation,						

	daily oral, monthly, or written exams, reports etc							
	144. Learning and Teaching Resources							
Γ	Required textbooks (curricular books, if any)							
	Main references (sources) ha Hammadi al-Hadithi, Population Geography, second edition, 2000							
	tecommended books and references (scientific journals, reports…)							
Γ	Electronic References, Websites							

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170. Program Mission

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172. Program Accreditation

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agency?

173. Other external influences

Is there a sponsor for the program?

174. Program Structure

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

175.Program Description						
Year/Level	Course Code	Course Name	Credit Hours			
			theoretical	practical		
				processi		

176. Expected learning outcomes of the program							
	Knowledge						
Learning Outcomes 1	Learning Outcomes Statement 1						
	Skills						
Learning Outcomes 2	Learning Outcomes Statement 2						
Learning Outcomes 3	Learning Outcomes Statement 3						

	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

177. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

178.	Evaluation methods
	Implemented at all stages of the program in general.

179. Faculty						
					Facult	y Members
Academic Rank	Spec	ialization		Special	Number o	f the teaching
			Requiremen	ts/Skills		staff
			(if app	olicable)		
	General	Special			Staff	Lecturer

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(Setting regulations related to enrollment in the college or institute, whether

central admission or others)

181. The most important sources of information about the program

State briefly the sources of information about the program.

182. Program Development Plan

	Program Skills Outline														
							Requ	uired	progra	am Le	earning	g outcon	ies		
Year/Level	Course Code	Course Name	Basic or		Kn	owled	ge				Skills				Ethics
			optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	С3	C4
Three stag 2023/2024		Hydrologic al		-	-	-	-	-	-	-	-				

 					-	-		

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

	Course Description Fo	orm				
145.	Course Name:					
			Hydrologic			
146.	Course Code:					
147.	Semester / Year:					
14/.			2023/202			
1.10			,			
148.	Description Preparation Date:		1/10/202			
			1/10/20.			
149.	Available Attendance Forms:					
150.	Number of Credit Hours (Total) / Number of U	Jnits (Tota	l)/			
			/			
151.	Course administrator's name (mention all,		nan one name) 1da Shamran Amanh			
	EIIId	an: ragnu	a1990sh@gmail.com			
152.	Course Objectives	[
	Course Objectives	•	Introducing stunts to the Importance of hydrologica			
		•				
		•	The student recognizes			
		•	The importance of hydrol And methods of measure			
		•	And estimation			
		•				
		•	He knows the importance			

							•	R	elying on a	lvanced scier	if	
							•	Те	echnologies	•••		
							•	•••	••			
	1.50	Tasahiran					•	•••	••		H	
	153.	l eaching a		Learning Strat			turd and a			re the		
			2	trategy livering	lectures	5. 5	tudents	preparing i	reports o	topic		
	154. Cou	rse Structure										
		Week	н	Required	Learning		Unit or	Learning	method	Evaluatio	n	net
			ο	0	utcomes		subject					
			u				name					
			r									
			s									
D	ne			For the	hydrolo	ogi	Lee	cture	М	onth		
	tu			Student		cal	V	Video	E	lxam		
] 7(er ek			To be			presenta	ation	I	Daily		
			F	Familiar					Assignm	ients		
			W	/ith the					Stu	dent		
			C	oncepts					Attend	ance		
				Related						And		
				To the					Г	Their		
			dı	cologica					Participa	ation		
				1						In		
									lect	ures		

155. Course Evaluation	
Distributing the score out of 100 according to the tasks ass	igned to the student such as daily preparation oral, monthly, or written exams, reports et
156. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	ssan Abo samour, Hamed khatib, geography of water resoures ,Oman ,1999 Joudah fathi AL-Turkmani, Geography of water Resources
	Alcontemporary sudy,Saudi
	Publishing house ,2005
Recommended books and references (scientific journals, reports)	
Electronic References, Websites	

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184. Program Mission

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and website.

185. Program Objectives

General statements describing what the program or institution intends

to achieve.

186. Program Accreditation

Does the program have program accreditation? And from which

agency?

187. Other external influences

Is there a sponsor for the program?

188. Program Structure

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

189.Program	Description			
Year/Level	Course Code	Course Name	Cı	redit Hours
			theoretical	practical

190. Expected I	earning outcomes of the program
	Knowledge
Learning Outcomes 1	Learning Outcomes Statement 1
	Skills
Learning Outcomes 2	Learning Outcomes Statement 2
Learning Outcomes 3	Learning Outcomes Statement 3

	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

191. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

192 .	Evaluation methods
	Implemented at all stages of the program in general.

193. Faculty						
					Facult	y Members
Academic Rank	Spec	ialization		Special	Number o	f the teaching
			Requiremen	nts/Skills		staff
			(if applicable)			
	General	Special			Staff	Lecturer

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central admission or others)

195. The most important sources of information about the program

State briefly the sources of information about the program.

196. Program Development Plan

	Program Skills Outline														
							Requ	lired	progra	am Le	earning	g outcom	es		
Year/Level	Code Name optional			Knowledge		Skills						Ethics			
		optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	С3	C4	
Second stag				*	*	*	*	*	*	*	*	*	*	*	*
2023-2024															
-															
_															

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

			Course Descrip	tion Form				
	157. Course Name: Geotechniques							
	158.	Cours	e Code:					
	159.	Semes	ster / Year:					
			2023-2024					
	160.	Descr	iption Preparation Date:					
				16/3/2024				
	161.	161. Available Attendance Forms:						
_	162.	Numb	er of Credit Hours (Total) / Numb	per of Units (Total hours 2 unite2				
	4.00	-						
-	163.	Cours	se administrator's name (ment	on all, if more than one name) Name: ALI ABDULKAREEM SALEH				
			F	Email: lbdalkrymsalh75@gmail.com				
			-					
_	164.	Course	e Objectives	Knowing the basis and miniples of				
			Course Objectives	 Knowing the basics and principles of geographical technologies and 				
				addressing the most important				
				foundations of building geographical technologies and their modern				
				technologies and their modern applications in the classroom.				
	165.	Teach	ing and Learning Strategies					
		Strategy						
			erest in modern geographic t	echniques in various human fields				
			149					

ſ

66. Cours	Hours	Required Learning	U	nit or subject	Learning	Evaluatior		
		Outcomes		name	method	method		
One In /eek	2	Theoretical and practical	Geot	echniques	Descriptive and practical	Semeste and fin		
167. Course Evaluation Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc 168. Learning and Teaching Resources								
Re	equired textb	ooks (curricular books,	if any)					
		Main references (so	ources)	-	ad Ashour Al- azhar, Modern			
ecommende	d books	× ×	cientific					
		journals, rep	orts…)					
Electronic References, Websites								

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Is there a sponsor for the program?

202. Program Structure

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

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

203.Program Description							
Year/Level	Course Code	Course Name	Credit Hours				
			theoretical	practical			

204. Expected I	earning outcomes of the program
	Knowledge
Learning Outcomes 1	Learning Outcomes Statement 1
	Skills
Learning Outcomes 2	Learning Outcomes Statement 2
Learning Outcomes 3	Learning Outcomes Statement 3

	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

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 Evaluation methods

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207. Faculty						
					Facult	y Members
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			Requiremen	ts/Skills		staff
			(if app	olicable)		
	General	Special			Staff	Lecturer

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central admission or others)

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State briefly the sources of information about the program.

210. Program Development Plan

	Program Skills Outline														
							Requ	lired	progra	am Le	earning	g outcom	es		
Year/Level	Course Code	Course Name	Basic or		Kn	owled	ge				Skills				Ethics
			optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	С3	C4
Second stag				*	*	*	*	*	*	*	*	*	*	*	*
2023-2024															
-															
_															

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

		_				
	Course Descript	ion Forr	n			
169. Course Name: Applied cliamatology						
170.	Course Code:					
171.	Semester / Year:					
			2023-2024			
172.	Description Preparation Date:					
1/10/2023						
173.	. Available Attendance Forms:					
174.	Number of Credit Hours (Total) / Number	er of Unit				
			hours 2 unite2			
175.	Course administrator's name (mention		E Contraction of the second			
	Name: AZHAR SALMA	AN HADI	Nahla Wathiq mahmod			
	Email: <u>dr.azharslman@gmail.</u>	<u>com</u>	nhlhwathq4@gmail.com			
176.	Course Objectives					
	Course Objectives		 he student knows what app climate is Known as branches of med climate 			
			 What is the benefit of applied clim 			
			in aspects of life?			
		•				
177.	Teaching and Learning Strategies	-				

_	trategy n	ng lectures, preparin	g reports by stude		bject, and ting a visit
78. Cours Week	e Struct		Unit or subject	Learning	Evaluatior
		Outcomes	name	method	method
One In zeek	2	to be requester versed With concepts Related geography climatic	Applied climatology	lecture Show video field visit	onthly exam Daily duty Presence Students d follow them r the lecture
179. Cours istributing t		out of 100 according to			adaily preparatior ams, reports etc

	180. Learning and Teaching Resources	
	Required textbooks (curricular books, if any)	
	n ja n d	aheb Talib Al-Musawi, Abdul Hassan dfoun Abu Rahil, Applied natology, Dar Al-Diyaa Printing, af, 2011 Ali Hassan Musa Applied nate, Arab Community Publishing I Distribution Library, Amman, 2015 - Applied Climatology, Salam Hatf Ahmed,
I	ecommended books and references (scientific journals, reports)	
	Electronic References, Websites	

211. **Program Vision**

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to achieve.

214. Program Accreditation

Does the program have program accreditation? And from which

agency?

215. Other external influences

Is there a sponsor for the program?

216. Program S	216. Program Structure					
Program Structure	Number of	Credit hours	Percentage	Reviews*		
	Courses					
Institution						
Requirements						
College						
Requirements						
Department						
Requirements						
Summer Training						
Other						

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

217.Program Description						
Year/Level Course Code Course Name Credit Hours						
			theoretical	practical		

218. Expected	earning outcomes of the program
	Knowledge
Learning Outcomes 1	Learning Outcomes Statement 1
	Skills
Learning Outcomes 2	Learning Outcomes Statement 2

Learning Outcomes Statement 3	Learning Outcomes 3
Ethics	
Learning Outcomes Statement 4	Learning Outcomes 4
Learning Outcomes Statement 5	Learning Outcomes 5

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

220.	Evaluation methods
	Implemented at all stages of the program in general.

221. Faculty					
				Facult	y Members
Academic Rank	Spec	ialization	Special Requirements/Skills (if applicable)	Number o	f the teaching staff
	General	Special		Staff	Lecturer

Professional Development

Mentoring new faculty members

Briefly describes the process used to mentor new, visiting, full-time, and part-time

faculty at the institution and department level.

Professional development of faculty members

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

outcomes, professional development, etc.

222. Acceptance Criterion

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

223. The most important sources of information about the program

State briefly the sources of information about the program.

224. Program Development Plan

			Pro	gram	Skills	Outl	ine								
							Requ	uired	progra	am Le	earning	g outcon	nes		
Year/Level	Course Code	Course Name	me		Kn	owled	ge				Skills				Ethics
			optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	С3	C4
Three stag 2023/2024		Hydrologic al		-	-	-	-	-	-	-	-				

 						-	 -	

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

	Course Description Fo	orm	
181.	Course Name:		
			Hydrologic
182.	Course Code:		
183.	Semester / Year:		
			2023/202
184.	Description Preparation Date:		
			1/10/202
185.	Available Attendance Forms:		
186.	Number of Credit Hours (Total) / Number of L	Jnits (Tota	6hours / 6 unite
187.	Course administrator's name (mention all,		
	Name; sahad shalash khalaf s	uhad.ge.ł	num@uodiyala.edu.iq
	Name ; Ahmed Talal Akram	t	lalakrma@gmail.com
188.	Course Objectives		
	Course Objectives	•	Introducing stunts to the
		•	Importance of hydrologica
		•	The student recognizes
		•	The importance of hydrol
		•	And methods of measure
		•	And estimation
		•	
		•	He knows the importance Relying on advanced scie

								•	1	Fechnologies	š	
								•		••••		
	189.	Teaching a	nd	Learn	ning Strat	tegies		•	•			_
					1		. St	tudents	preparing	reports o	on the	
											topic	
1	90. Cou	rse Structure			1						-	
		Week	н			Learning		Unit or		g method	Evaluatio	ľ
			0		0	utcomes		subject name				
			r					name				
			s									
1	e	hours		For th	e	hydrolo	ogi	Le	cture	M	onth	
:t	u		S	Studer	nt		cal	V	Video	E	Exam	
	er k			To b	e			present	ation]	Daily	
	K		F	amilia	ır					Assignm	nents	
			W	ith th	е					Stu	Ident	
			Сс	oncept	ts					Attend	ance	
			I	Relate	d						And	
				To th	e					ſ	Гheir	
			dr	ologic						Participa		
				0	1						In	
										lect	tures	
											cui es	
[

191. Course Evaluation	
Distributing the score out of 100 according to the tasks ass daily	oral, monthly, or written exams, reports et
192. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	ssan Abo samour, Hamed khatib, geography of water resoures ,Oman ,1999
	Joudah fathi AL-Turkmani,
	Geography of water Resources
	Alcontemporary sudy,Saudi
	2005, Publishing house
Recommended books and references (scientific journals,	
reports)	
Electronic References, Websites	
	·

Third Stage

225. **Program Vision**

Program vision is written here as stated in the university's catalogue

and website.

226. Program Mission

Program mission is written here as stated in the university's catalogue

and website.

227. Program Objectives

General statements describing what the program or institution intends

to achieve.

228. Program Accreditation

Does the program have program accreditation? And from which

agency?

229. Other external influences

Is there a sponsor for the program?

230. Program S	tructure			
Program Structure	Number of	Credit hours	Percentage	Reviews*

	Courses		
Institution Requirements			
College Requirements			
Department Requirements			
Summer Training			
Other			

 $\ast\,$ This can include notes whether the course is basic or optional.

231.Program	231.Program Description						
Year/Level	Course Code	Course Name	Сі	edit Hours			
			theoretical	practical			

232. Expected I	earning outcomes of the program
	Knowledge
Learning Outcomes 1	Learning Outcomes Statement 1
	Skills
Learning Outcomes 2	Learning Outcomes Statement 2
Learning Outcomes 3	Learning Outcomes Statement 3
	Ethics

Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

233.	Teaching and Learning Strategies
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Teaching and learning strategies and methods adopted in the

implementation of the program in general.

234.	Evaluation methods
	Implemented at all stages of the program in general.

235. Faculty					
				Facult	y Members
Academic Rank	Spec	alization	Special	Number o	of the teaching
			Requirements/Skills		staff
			(if applicable)		
	General	Special		Staff	Lecturer

Professional Development
Mentoring new faculty members
Briefly describes the process used to mentor new, visiting, full-time, and part-time
faculty at the institution and department level.

Professional development of faculty members

Briefly describe the academic and professional development plan and arrangements

for faculty such as teaching and learning strategies, assessment of learning

outcomes, professional development, etc.

236. Acceptance Criterion

(Setting regulations related to enrollment in the college or institute, whether

central admission or others)

237. The most important sources of information about the program

State briefly the sources of information about the program.

238. Program Development Plan

			Pro	gram	Skills	Outl	ine								
							Requ	uired j	progra	am Le	earnin	g outcom	ies		
Year/Level	Course Code	Course Name	Basic or		Kn	owled	ge				Skills				Ethics
			optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	С3	C4
		Geographic statistics	optional	1	1	√	1	1	1	1	1	1	V	\checkmark	1
2023-2024 / Fourth stage		and													
-		modeling													

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

Course Description Form

193.	Course Name:
	Geographic statistics and modeling
194.	Course Code:
195.	Semester / Year:
	Year
196.	Description Preparation Date:
	2023/2024
197.	Available Attendance Forms:
	Student attendance is essential, not distance learning
198.	Number of Credit Hours (Total) / Number of Units (Total)
	-Credit Hours (60)
	- Number of Units (90)
199.	Course administrator's name (mention all, if more than one
name	
	Name: Dr. Yasser Fakhri Sabri
	Email: physicsyasser@gmail.com
200.	Course Objectives
	Course Objectives roducing students to statistical
	hods and methods and how to
	ly them in geographical
	research.
	e nature of geographical data
	ulation and graphical
	resentation are measures of

			asures of dis spa	ntral tendency persion and tial averaging les and links.	
201.	Те	aching and Learning	g Strategies		
Stra	tegy ^{Us}	ing several teaching met	hods, including lecture, discu	ussion, field vis	training
		1- Using teaching and cla	rification tools such as maps.	shapes and ill	Add to :
		-	teaching methods such as co	-	smart boards.
202. C	ourse S	Structure	1		
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
From the week		Identify the most important	finition of tistics and its importance e nature of		-Exam

ctangle and bar graphs Histogram, rve, and rative polygon asurement of ntral tendency asurement of ntral tendency SMA Mediator Loom asures of dispersion nge and deviation Exam Variance and standard deviation -Reports
Histogram, rve, and rative polygon asurement of ntral tendency SMA Mediator Loom asures of dispersion nge and deviation Standard deviation Exam
rve, and rative polygon asurement of ntral tendency SMA Mediator Loom asures of dispersion nge and deviation Exam -Reports -Reports
rative polygon asurement of ntral tendency SMA Mediator Loom asures of dispersion nge and deviation Exam -Reports
asurement of ntral tendency SMA Mediator Loom asures of dispersion nge and deviation Exam -Reports
Image: standard deviationntral tendencySMASMAMediatorImage: standard deviationImage: standard deviationExamImage: standard deviation-Reports
SMA Mediator Mediator Loom Saures of Sures of
MediatorLoomasures of dispersionnge and deviationExamVariance and standard deviation
Loom asures of dispersion nge and deviation Exam -Reports
asures of dispersion nge and deviation Exam
dispersion dispersion hge and deviation Exam
nge and deviation Exam Variance and standard deviation
deviation Exam Variance and -Reports standard deviation -Image: Constraint of the standard deviation
Variance and standard deviation -Reports
standard deviation
Measures of central
tendency for spatial
distributions
Dispersion
measures for
spatial
distributions
Standard distance
Link
The relationship
between variables
Pearson correlation

		<i>cc</i> ••••	
		coefficient	
		Spearman	Exam
		correlation	ractical tests on
		coefficient	ata entry devices
		Samples	
		Samples	
		Statistical tests	
		T-test	
		X2 test	
		Modeling concept	
		Modeling in	
		geography	
203. Course	Evaluation		
			-The written test
_ ′	The student's daily participa	tion by answering class quest	ions related to the lecture topic.
			e him to research and learn to
completing rej	forts related to the subject	• •	n from various reliable sources.
201 Learnir	ig and Teaching Resc		
		if any) ctures on geogr	anhical statistics
		, – –	ant Professor Dr.
			ed, University of
		vala / College	of Education for
		Hum	an Sciences 2020
	Main references (so	ources) man Shehada	/ Quantitative
	Υ.	,	ods in Geography
		dar Khalil Al-C)mar/Geographic
			Statistics
		dul Doggoo	Al Butaihi /
		dul Razzaq	Al-Butaihi /
		Goo	graphic Statistics

Recomme	nded b	ooks	and	references
	(so	cientific	journal	s, reports)
	Ele	ectronic	Referen	ces, Websites

239. **Program Vision**

Program vision is written here as stated in the university's catalogue

and website.

240. Program Mission

Program mission is written here as stated in the university's catalogue

and website.

241. Program Objectives

General statements describing what the program or institution intends

to achieve.

242. Program Accreditation

Does the program have program accreditation? And from which

agency?

243. Other external influences

Is there a sponsor for the program?

244. Program Structure						
Program Structure	Number of	Credit hours	Percentage	Reviews*		
	Courses					
Institution						
Requirements						
College						
Requirements						
Department						
Requirements						
Summer Training						
Other						

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

245.Program	Description			
Year/Level	Course Code	Course Name	Cı	redit Hours
			theoretical	practical

246. Expected	learning outcomes of the program
	Knowledge
Learning Outcomes 1	Learning Outcomes Statement 1
	Skills
Learning Outcomes 2	Learning Outcomes Statement 2

ning Outcomes 3 Learning Outcomes Statement 3	Learning Outcomes 3
Ethics	
Thing Outcomes 4 Learning Outcomes Statement 4	Learning Outcomes 4
ning Outcomes 5 Learning Outcomes Statement 5	Learning Outcomes 5

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

248.	Evaluation methods
	Implemented at all stages of the program in general.

Faculty Members								
Spec	ialization	Special	Number o	f the teaching				
		Requirements/Skills		staff				
		(if applicable)						
General	Special		Staff	Lecturer				
		Specialization General Special	Requirements/Skills (if applicable)	Specialization Special Number of Requirements/Skills (if applicable)				

Professional Development

Mentoring new faculty members

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faculty at the institution and department level.

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250. Acceptance Criterion

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

251. The most important sources of information about the program

State briefly the sources of information about the program.

252. Program Development Plan

			Pro	gram	Skills	Outl	ine								
							Requ	lired	progra	am Le	earning	g outcon	ies		
Year/Level	Course Code	Course Name	Basic or		Kn	owled	ge			,	Skills				Ethics
			optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
2023 – 2024 third stage		natural resources	basic	-	-	-	-	-	-	-	-				

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

Course Description Form

205. Course Name: natural resources 206. Course Code:
206. Course Code: 207. Semester / Year: 2023 - 2024 208. Description Preparation Date: 1 / 10 / 2023 209. Available Attendance Forms: 210. Number of Credit Hours (Total) / Number of Units (Total) 2 hours 2 units 211. Course administrator's name (mention all, if more than one
207. Semester / Year: 2023 - 2024 208. Description Preparation Date: 1 / 10 / 2023 209. Available Attendance Forms: 210. Number of Credit Hours (Total) / Number of Units (Total) 2 hours 2 units 211. Course administrator's name (mention all, if more than one
207. Semester / Year: 2023 - 2024 208. Description Preparation Date: 1 / 10 / 2023 209. Available Attendance Forms: 210. Number of Credit Hours (Total) / Number of Units (Total) 2 hours 2 units 211. Course administrator's name (mention all, if more than one
2023 - 2024 208. Description Preparation Date: 1 / 10 / 2023 209. Available Attendance Forms: 210. Number of Credit Hours (Total) / Number of Units (Total) 2 hours 2 units 211. Course administrator's name (mention all, if more than one
2023 - 2024 208. Description Preparation Date: 1 / 10 / 2023 209. Available Attendance Forms: 210. Number of Credit Hours (Total) / Number of Units (Total) 2 hours 2 units 211. Course administrator's name (mention all, if more than one
2023 - 2024 208. Description Preparation Date: 1 / 10 / 2023 209. Available Attendance Forms: 210. Number of Credit Hours (Total) / Number of Units (Total) 2 hours 2 units 211. Course administrator's name (mention all, if more than one
208. Description Preparation Date: 1 / 10 / 2023 209. Available Attendance Forms: 210. Number of Credit Hours (Total) / Number of Units (Total) 2 hours 2 units 211. Course administrator's name (mention all, if more than one
209. Available Attendance Forms: 210. Number of Credit Hours (Total) / Number of Units (Total) 2 hours 2 units 211. Course administrator's name (mention all, if more than one
209. Available Attendance Forms: 210. Number of Credit Hours (Total) / Number of Units (Total) 2 hours 2 units 211. Course administrator's name (mention all, if more than one
209. Available Attendance Forms: 210. Number of Credit Hours (Total) / Number of Units (Total) 2 hours 2 units 211. Course administrator's name (mention all, if more than one
210. Number of Credit Hours (Total) / Number of Units (Total) 2 hours 2 hours 2 hours 2 units 211. Course administrator's name (mention all, if more than one
210. Number of Credit Hours (Total) / Number of Units (Total) 2 hours 2 hours 2 hours 2 units 211. Course administrator's name (mention all, if more than one
2 hours 2 units 211. Course administrator's name (mention all, if more than one
2 hours 2 units 211. Course administrator's name (mention all, if more than one
211. Course administrator's name (mention all, if more than one
Name: dr. asmaa abed alameer khlifa
Email: asmaa.gev@uodiyala.edu.iq
212. Course Objectives
Course Objectives
resources and their relations
to geography
Study the most important nat
resources, the forms in w
they are found in nature,
how to exploit them
 Study the most important nat

				the Arab wor	ailable in Iraq Id and exploit t while preser nability for fu
213 Stra	. 7 Itegy	Feaching and Learnin Giving lectures. Pre	g Strategies eparing reports by s	tudents on th	e topic
214. (Course	Structure			
Week	Hours	Required Learning	Unit or subject	Learning	Evaluation
		Outcomes	name	method	method
ecture veekly		a e student must be niliar with the dy material in all details through owledge of tural resources d their geographical distribution		lecture	assignments and
215.0	Course	Evaluation			

daily preparation, daily o	oral, monthly, or written exams, reports etc
216. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	سلام هاتف احمد الجبوري، الموارد الطبيا بغداد، الطبعة الثانية، 2016
Recommended books and references (scientific journals, reports)	
Electronic References, Websites	

253. **Program Vision**

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and website.

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Does the program have program accreditation? And from which

agency?

257. Other external influences

Is there a sponsor for the program?

258. Program S	tructure			
Program Structure	Number of	Credit hours	Percentage	Reviews*
	Courses			
Institution				
Requirements				
College				
Requirements				
Department				
Requirements				
Summer Training				
Other				

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

259.Program Description										
Year/Level	Course Code	Course Name	Credit Hours							
			theoretical	practical						

260. Expected learning outcomes of the program								
	Knowledge							
Learning Outcomes 1	Learning Outcomes Statement 1							
	Skills							
Learning Outcomes 2	Learning Outcomes Statement 2							

Learning Outcomes Statement 3	Learning Outcomes 3
Ethics	
Learning Outcomes Statement 4	Learning Outcomes 4
Learning Outcomes Statement 5	Learning Outcomes 5

261. Te	eaching and	Learning	Strategies	
----------------	-------------	----------	------------	--

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

262.	Evaluation methods
	Implemented at all stages of the program in general.

Faculty Members											
Spec	alization	Special	Number o	f the teaching							
		Requirements/Skills		staff							
		(if applicable)									
General	Special		Staff	Lecturer							
		Specialization General Special	Requirements/Skills (if applicable)	Specialization Special Number o Requirements/Skills (if applicable)							

Professional Development

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faculty at the institution and department level.

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264. Acceptance Criterion

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

265. The most important sources of information about the program

State briefly the sources of information about the program.

266. Program Development Plan

			Pro	gram	Skills	Outl	ine								
							Requ	lired	progra	am Le	earning	g outcon	ies		
'	Course Name	Basic or		Kn	owled	ge			:	Skills				Ethics	
		optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	С3	C4	
Annual - Third		Geography of tourism	Basic	•	•	•	•	•	•	•	•	•	•	•	•
_															

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

Course Description Form

217. Course Name:	
	Geography of tourism
218. Course Code:	
210 2 4 4	
219. Semester / Year:	
	Annual
220 Decemination Droporation Dates	
220. Description Preparation Date:	
	15-3-2023-2024
221. Available Attendance Forms:	
	stage students - in attendance
222. Number of Credit Hours (Total)	
100	nours, 2 hours for each section
	Number of units – 2 units
223. Course administrator's name name)	(mention all, if more than one
/	ares Abdel Moneim Abdullah
Ra	shid
	what was a local second
nail: <u>thakra.ada@gmial.com</u>	<u>rfyfmr31@gmail.com</u>
224. Course Objectives	
Course Objectives	 Cognitive objectives –
	Knows the importance of tourism geography
	 Determines the most important types of
	ancient and modern tourism.

Compares archaeological tourism and

environmental tourism

stinguishes the most important components ociated with the geography of natural and human tourism.

-Skill goals--

 To know the concept of the geography of tourism and study it from the natural human perspective, and to introduce students to the types of tourism, their geographical and

economic importance, their historical origin,

and their classification according to geographical factors, and to establish the itionship between tourism and geography on e one hand, and between tourism geography I entertainment on the other hand, and show the most important types of local tourism in Iraq.

The possibility of using a distinctive method in teaching and delivering

> • The ability to know geographical data, analyze it, and encourage field study

 The ability to submit a report or research per in the field of studying the geography of purism and tourist places around the world – 3- Emotional goals

be interested in studying scientific material

225. Teaching and Learning Strategies Strategy 1- Using the descriptive method and the	important pi ral and huma ce of their so on some wro ation and scie during the lea with the aim us activities Is introducin	ioneers in the an geography cientific ideas ng matters in ence process cture through n of obtaining information. that develop								
225. Teaching and Learning Strategies Strategy 1- Using the descriptive method and the the mat 2- Using educational tools such as the mat 2- Using PowerPoint, pictures, and presenting PowerPoint, pictures, presenting PowerPoint, pictures, pi	important pi ral and huma ce of their so on some wro ation and scie during the lea with the aim us activities Is introducin	ioneers in the an geography cientific ideas ng matters in ence process cture through n of obtaining information. that develop								
and the importance Giving opinions of the educat ctive participation durposeful questions of articipate in various dents' skills towards 225. Teaching and Learning Strategies Strategy 1- Using the descriptive method and th the mat 2- Using educational tools such as a Presenting PowerPoint, pictures, an	ce of their so on some wro ation and sci during the lea with the aim us activities Is introducin	cientific ideas ng matters in ence process cture through n of obtaining information. that develop								
 Giving opinions of the educated crive participation description d	on some wro ation and sci during the lea with the aim is activities Is introducin	ng matters in ence process cture through n of obtaining information. that develop								
225. Teaching and Learning Strategies Strategy 1- Using the descriptive method and th the mat 2- Using educational tools such as the presenting PowerPoint, pictures, and presenting PowerPoint, pictures, and presenting PowerPoint, pictures, and presenting PowerPoint, pictures, presenting PowerPowerPowerPowerPowerPowerPowerPower	ation and sci during the lea with the aim is activities Is introducin	ence process cture through n of obtaining information. that develop								
225. Teaching and Learning Strategies Strategy 1- Using the descriptive method and th the mat 2- Using educational tools such as the presenting PowerPoint, pictures, and presenting PowerPoint, pictures, presenting PowerPowerPoint, pictures, presenting PowerPowerPowerPowerPowerPowerPowerPower	during the lea with the aim is activities Is introducin	cture through n of obtaining information. that develop								
rposeful questions in articipate in various dents' skills towards 225. Teaching and Learning Strategies Strategy 1- Using the descriptive method and th the mat 2- Using educational tools such as the presenting PowerPoint, pictures, and presenting PowerPoint, pictures, presenting PowerPowerPowerPowerPowerPowerPowerPower	with the aim us activities is introducin	n of obtaining information. that develop								
rposeful questions in articipate in various dents' skills towards 225. Teaching and Learning Strategies Strategy 1- Using the descriptive method and th the mat 2- Using educational tools such as the presenting PowerPoint, pictures, and presenting PowerPoint, pictures, presenting PowerPowerPowerPowerPowerPowerPowerPower	with the aim us activities is introducin	n of obtaining information. that develop								
dents' skills towards 225. Teaching and Learning Strategies Strategy 1- Using the descriptive method and th the mat 2- Using educational tools such as the mat Presenting PowerPoint, pictures, an	ls introducin	that develop								
dents' skills towards 225. Teaching and Learning Strategies Strategy 1- Using the descriptive method and th the mat 2- Using educational tools such as the mat Presenting PowerPoint, pictures, an	ls introducin									
dents' skills towards 225. Teaching and Learning Strategies Strategy 1- Using the descriptive method and th the mat 2- Using educational tools such as the mat Presenting PowerPoint, pictures, an	ls introducin									
Strategy 1- Using the descriptive method and th the mat 2- Using educational tools such as presenting Presenting PowerPoint, pictures, and										
Strategy 1- Using the descriptive method and th the mat 2- Using educational tools such as presenting Presenting PowerPoint, pictures, and	ın a p	practical way.								
Strategy 1- Using the descriptive method and th the mat 2- Using educational tools such as presenting Presenting PowerPoint, pictures, and										
2- Using educational tools such as a Presenting PowerPoint, pictures, an	nen preser	nting								
Presenting PowerPoint, pictures, ar	terial (lect	curer								
	maps, mo	dels,								
	pictures	, etc.								
226. Course Structure	nd using	the								
226. Course Structure	comp	uter.								
226. Course Structure										
226. Course Structure										
226. Course Structure										
226. Course Structure										
Week Hours Required Unit or subject name										
Learning	Learning	Evaluation								
Outcomes	Learning method	Evaluation method								
e concept of the	-									

the week	2 Students'	tourism	- Giving the	nd written
	owledge of the		lecture	tests
the first	lesson topic			
	Jnderstanding		terrogation	Attending
	not the		Lico	and
	sibility of		- Use	rticipating
	transferring		electronic	the lecture
	prmation and		offers	
	scientific		_	Providing
	wledge about		ontification	ports and
	subject to		entification	earch in
	others		forms	e field of
				scientific
				material
	2	e concept of	through -	- Daily oral
		irism and		nd written
second week	Students'	tourist	- Giving the	tests
	pwledge of the	movement	lecture	
	lesson topic	movement	torrogation	Attending
	Inderstanding		terrogation	and
	not the		- Use	rticipating
VIII	sibility of		electronic	the lecture
The tenth	transferring		offers	
The tenth	prmation and		oners	Providing
	scientific		-	eports and
	wledge about		entification	research in
	subject to others			the field of
	others			scientific
				material

		o importanço	through	Daily or
2 the third	Students' pwledge of the lesson topic 2 Jnderstanding not the sibility of transferring prmation and scientific pwledge about subject to others	e importance of tourism	electronic offers - entification	nd writte tes Attendin an rticipatin the lectur Providin eports an
the week 2 the fourth	Students' pwledge of the lesson topic 2 Jnderstanding not the sibility of transferring prmation and scientific pwledge about subject to others	velopment of tourism movement -1	electronic offers - entification	nd writte tes Attendin an rticipatin the lectur Providin eports an

the week ? the Fifth	Students' owledge of the lesson topic 2 Jnderstanding not the sibility of transferring ormation and scientific owledge about subject to others	electronic offers - entification	nd written test Attending and the lecturg Providing eports and
2 Seventh 2 sixth	Students' owledge of the lesson topic 2 Jnderstanding not the sibility of transferring ormation and scientific owledge about subject to others	electronic offers - entification	nd written test Attending and the lectury Providing eports and

						scientific
						material
			e	relationship	through -	- Daily oral
				ourism and		nd written
week for the		Students		geography	- Giving the	tests
seventh		owledge of the		geography	lecture	
		lesson topic				Attending
	2	Jnderstanding			terrogation	and
	_	not the			- Use	rticipating
		sibility of				the lecture
		transferring				
		ormation and			offers	Providing
		scientific			_	eports and
		wledge about			entification	-
		subject to				the field of
		others			IOTHIS	
						scientific
						material
			cient to		through -	- Daily oral
e eighth week 2		Students'	tterns -	· Part	Giving the	nd written
		owledge of the		1	lecture	tests
		lesson topic				A ++ 1·
					terrogation	Attending
		Jnderstanding				and
		not the			- Use	rticipating
		sibility of			electronic	the lecture
		transferring			offers	
		prmation and				Providing
		scientific				

		wledge about subject to		- entification	eports and
	2	others			the field of scientific materia
			cient tourism	through -	- Daily ora
the week		Students' pwledge of the	tterns - Part 2	- Giving the lecture	nd writter tests
the Ninth		lesson topic Jnderstanding not the sibility of transferring ormation and scientific owledge about subject to others		terrogation - Use electronic offers - entification	Providing eports and
ne tenth week			Modern	through -	-
	2	ownedge of the	tourism tterns - Part 1	- Giving the lecture	nd writter tests
		lesson topic Jnderstanding		terrogation	Attendin ک anc

	sibility of transferring prmation and scientific pwledge about subject to others		offers - entification	the lecture Providing eports and research in the field of scientific material
The eleventh ? week	Students' owledge of the lesson topic 2 Jnderstanding not the sibility of transferring ormation and scientific owledge about subject to others	tterns - Part 2	- Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests Attending and rticipating the lecture Providing eports and research in the field of scientific material
The twelfth 2	Students' pwledge of the		through - - Giving the	- Daily oral nd written

week	lesson to	oic ographical location	on lecture	tests
	Jnderstand not 2 ssibility transferr prmation a scient wledge abo subject oth	he of ng nd fic out to	terrogation - Use electronic offers - entification forms	Attending and rticipating the lecture Providing eports and research in the field of scientific material
the 2 rteenth week	Studer owledge of t lesson to Jnderstand not 2 sibility transferr ormation a scient owledge abo subject oth	he tourist attraction lude water ources and atural plants ng nd fic to	- Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests Attending and rticipating the lecture Providing eports and research in the field of scientific material

			Natural	through -	- Daily oral
ne fourteenth week	Jn ssil pri	Students' vledge of the lesson topic derstanding not the bility of transferring mation and scientific vledge about subject to others	elements of tourist attraction ndforms – soil	electronic offers - entification	nd written tests Attending and rticipating the lecture Providing eports and research in the field of scientific material
The fifteenth week	Jn ssil pri pw	Students' vledge of the lesson topic derstanding not the bility of transferring mation and scientific vledge about subject to others	Natural mponents of tourist raction – climate	- Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests Attending and rticipating the lecture Providing eports and research in the field of scientific material

The sixteenth 2 week	owledge of the	Human nponents of tourist raction - population	- Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests · Attending and rticipating the lecture Providing eports and research in the field of scientific material
The seventeenth week	bwledge of the lesson topic	Human mponents of tourist raction - rchaeological, torical and urban areas	- Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests · Attending and rticipating the lecture Providing eports and research in the field of scientific

					material
he eighteenth 2 week			man components tourist attraction - transportation methods – markets	-	- Daily oral nd written tests · Attending and
	2	not the sibility of transferring prmation and scientific owledge about subject to others		electronic offers - entification	rticipating the lecture Providing eports and
he nineteenth week		Students owledge of the lesson topic Jnderstanding not the sibility of transferring prmation and	Tourism ilities and services	- Giving the lecture terrogation - Use electronic offers	- Daily oral nd written tests Attending and rticipating the lecture Providing
		scientific wledge about		- entification	eports and research in

	subject to			forms	the field of
	others				scientific
					materia
`he twentieth		sitive	effects of	through -	- Daily ora
week			tourism		nd writter
2	Students'			- Giving the	tests
	owledge of the			lecture	1031
	lesson topic				Attending
	Jnderstanding			terrogation	and
	not the			Llao	
	sibility of				rticipating
	transferring			electronic	the lecture
	prmation and			offers	Providing
	scientific				
	wledge about				eports and
	2 subject to			entification	research ir
	others			forms	the field o
	others				scientifie
					materia
					materia
Twenty-first		gative	effects of	e	- Daily ora
week	Students'		tourism	- Giving the	nd writter
ľ	pwledge of the			-	test
	lesson topic			lecture	
	iesson topic			terrogation	Attending
	Jnderstanding				and
					1
	not the			- Use	rticipating

	2 transferr prmation a scient wledge ab subject oth	ind ific out to	- entification	the lecture Providing eports and research in the field of scientific material
The twenty- second week	Studer pwledge of lesson to Jnderstand not sibility transferr prmation a scient pwledge ab subject oth	the tourism pic development ing the of ing and ific out to	- Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests Attending and rticipating the lecture Providing eports and research in the field of scientific material
The twenty- ? third week	Studer pwledge of		-	- Daily oral nd written tests

	2	lesson topic		terrogation	Attending
		_			and
		Inderstanding not the		- Use	rticipating
		sibility of		electronic	the lecture
		transferring		offers	the recture
		prmation and			Providing
		scientific		-	eports and
		wledge about		entification	research ir
		subject to		forms	the field o
		others			scientifie
					materia
The twenty-			me types of	through -	- Daily ora
fourth week		Students'	ırism -	- Giving the	nd writtei
		owledge of the	religious	lecture	test
		lesson topic	tourism		Attending
		Jnderstanding		terrogation	and
		not the		Uaa	rticipating
		sibility of			-
		transferring		electronic	the lecture
		ormation and		offers	Providing
		scientific		_	eports and
		wledge about		entification	-
	2	subject to			the field o
		others			scientifi
					materia

e twenty-fifth		Religious	through -	- Daily oral
week 2	Students' pwledge of the lesson topic Jnderstanding not the sibility of transferring prmation and scientific pwledge about subject to others		electronic offers - entification	Providing eports and
Twenty-sixth week	2 Students' pwledge of the lesson topic Jnderstanding not the sibility of transferring prmation and scientific pwledge about subject to others		- Giving the lecture terrogation - Use electronic offers - entification	Providing eports and

The twenty- seventh week	2 Students owledge of the lesson topic Jnderstanding not the sibility of transferring ormation and scientific owledge about subject to others	ovement of human es, waves and ocean currents	- Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests · Attending and rticipating the lecture Providing eports and research in the field of scientific material
The twenty- eighth week	Students owledge of the lesson topic Jnderstanding not the sibility of transferring ormation and scientific owledge about subject to others	ternational tourism	- Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests Attending and rticipating the lecture Providing eports and research in the field of scientific

					material
The twenty- ninth week	2	Students' pwledge of the lesson topic Jnderstanding not the sibility of transferring prmation and scientific pwledge about subject to others		- Giving the lecture terrogation - Use electronic offers - entification	Providing eports and
The thirtieth week	2	Students' owledge of the lesson topic	Tourism in Iraq	through - - Giving the lecture	- Daily oral nd written tests
		Jnderstanding not the sibility of transferring prmation and scientific pwledge about		electronic offers	Providing eports and

		subject to			forms	the field of
		others				scientific
						materia
227. Course	Evaluatio	on				
Distributing the	e score ou	ut of 100 accor	ding to the	e tasks assigr	ned to the stu	dent such as
-	daily	y preparation, d	aily oral, n	nonthly, or wi	ritten exams, r	eports etc
Daily ora	l and wri	tten tests - and	students' a	ctual particip	ation in lectur	es, activities
5						h and report
		Monthly	exams 20%	Semester ex	ams 40% Fina	l exams 60%
		Prometing v		, beinebter en		in channo 007
228. Learning	g and Te	aching Resou				
	-	aching Resou	rces	rzouq Ayed	Al-Qaid, Ba	rakat
	-	-	rces s, if any) a		Al-Qaid, Ba iers, Princip	
	-	-	rces s, if any) [a ai	nel, and oth	-	les of
	-	-	rces s, if any) a aı o	nel, and oth urism, Ithra	iers, Princip	les of g and
	-	-	rces s, if any) a aı o	nel, and oth urism, Ithra ribution, U	iers, Princip a Publishin	les of g and orary,
	-	-	rces s, if any) [a aı o st	nel, and oth urism, Ithra ribution, U 1st editio	iers, Princip na Publishin niversity Lib	les of g and prary, 2010.
	-	-	rces s, if any) [a aı o st	nel, and oth urism, Ithra ribution, Un 1st editio hammad So	iers, Princip na Publishing niversity Lib on, Amman, 2	les of g and orary, 2010. akim
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	-	-	rces s, if any) [a aı o s1	nel, and oth urism, Ithra tribution, Un 1st edition hammad So and Hamdi graphy of T	ers, Princip a Publishing niversity Lib on, Amman, 2 obhi Abdel H i Ahmed Al-I	les of g and orary, 2010. Takim Deeb, ptian
	-	-	rces s, if any) [a aı o st	nel, and oth urism, Ithra tribution, Un 1st edition hammad So and Hamdi graphy of T Anglo Libr	aers, Princip na Publishing niversity Lib on, Amman, 2 obhi Abdel H i Ahmed Al-I ourism, Egy cary, Egypt, 2	les of g and orary, 2010. akim Deeb, ptian 2012.
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	-	-	rces s, if any) [a aı o s1 o s1 aı aı aı	nel, and oth urism, Ithra ribution, Ur 1st editio hammad So and Hamdi graphy of T Anglo Libr rakat Kam irat, Tour urist Regior	ers, Princip na Publishing niversity Lib on, Amman, 2 obhi Abdel H i Ahmed Al-I ourism, Egy rary, Egypt, 2 el Al-Nimr rism Geogr ns in the Wo	les of g and prary, 2010. Takim Deeb, ptian 2012. • Al- raphy orld),
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	-	-	rces s, if any) [a] o s1] o] a] a] a] a] a] a] a] a] a	nel, and oth urism, Ithra tribution, Un 1st edition hammad So and Hamdi graphy of T Anglo Libr rakat Kam irat, Tour urist Region edition	iers, Princip na Publishing niversity Lib on, Amman, 2 obhi Abdel H i Ahmed Al-I ourism, Egy rary, Egypt, 2 el Al-Nimr rism Geogr ns in the Wo	les of g and orary, 2010. akim Deeb, ptian 2012. Al- caphy orld), arraq ition,

Main references (sources)	nna Abu Hajar, Tourism ography, 1st edition, Dar ama for Publishing and stribution, Amman, Jordan,
	2010. alah El-Din Abdel-Wahhab, ernational Tourism, Dar Al- Hana Printing, Cairo, 1992.
Recommended books and references (scientific journals, reports)	eses, dissertations, thodological books, and search in the field of specialization
Electronic References, Websites	e Iraqi Virtual Library - the ctronic library for colleges d universities - scientific websites

29. **Program Vision**

Program vision is written here as stated in the university's catalogue

and website.

30. **Program Mission**

Program mission is written here as stated in the university's catalogue

and website.

31. **Program Objectives**

General statements describing what the program or institution intends

to achieve.

32. **Program Accreditation**

Does the program have program accreditation? And from which

agency?

33. Other external influences

Is there a sponsor for the program?

34. Program S	34. Program Structure								
Program Structure	Number of	Credit hours	Percentage	Reviews*					
	Courses								
Institution									
Requirements									
College									
Requirements									
Department									
Requirements									
Summer Training									
Other									

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

35. Program Description								
Year/Level	Course Code	Course Name	e Credit Hours					
			theoretical	practical				

36. Expected learnin	36. Expected learning outcomes of the program						
	Knowledge						
Learning Outcomes 1	Learning Outcomes Statement 1						
	Skills						
Learning Outcomes 2	Learning Outcomes Statement 2						

Learning Outcomes 3	Learning Outcomes Statement 3
	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

37. Teaching and Learning Strategies	37.	Teaching	and	Learning	Strategies
--------------------------------------	-----	----------	-----	----------	------------

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

38. Evaluation methods

Implemented at all stages of the program in general.

39. Faculty								
Faculty Members								
Academic Rank	Spec	alization	Specia	Number o	of the teaching			
			Requirements/Skills	;	staff			
			(if applicable)					
	General	Special		Staff	Lecturer			

Professional Development

Mentoring new faculty members

Briefly describes the process used to mentor new, visiting, full-time, and part-time

faculty at the institution and department level.

Professional development of faculty members

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

outcomes, professional development, etc.

40. Acceptance Criterion

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

41. The most important sources of information about the program

State briefly the sources of information about the program.

42. Program Development Plan

			Pro	gram	Skills	Outl	ine								
Required program Learn						earning	g outcon	ies							
Code Name		Basic or		Kn	owled	ge				Skills				Ethics	
		optional -	A1	A2	A3	A4	B1	B2	B 3	B4	C1	C2	C3	C4	
2024 \2		Applied yofthemati. map	Basic												
-															

				 	 	-		
								1
								1
								1
								1
								1
								1

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

Course Description Form

25. Cour	se Name: Microclimatology						
26. Cour	rse Code:						
27. Seme	ester / Year: 2\2024						
28. Desc	ription Preparation Date: 16\3\2024						
29.Available A	ttendance Forms:						
30.Number of Credit Hours (Total) / Number of Units (Total)							
31. Cou	rse administrator's name (mention all, if more than one name)						
	Teacher Dr. Marwa Salim Mohammad						
	marwa.ge.hum@uodiyala.edu.iq						
32. Cour	se Objectives						
Course Obj	jectives Knowledge of the basics and principles of detailed climatolog						
	ressing the factors controlling the harsh climate in the classroom						
33. Teac	hing and Learning Strategies						
Strategy	Knowledge of the basics and principles of detailed climatology						
	Addressing the factors controlling the harsh climate in the classroon						

34. Course Structure								
Week	Hours	Required Learning	Unit or subject	Learning method	Evaluati			
		Outcomes	name		n metho			
30	2		Microclimatology	scriptive and	art			
00	-		inter o en inter o logy	practical -	rly			
				practical	and			
		Theoretical			nal			
		and practical			nai			
		ind practical						
35. Cou	urse Evalu	ation 20-20-60						
Distributin	g the scor	e out of 100 accordin	ng to the tasks assig	gned to the student su	ch as dail			
		preparati	on, daily oral, month	ly, or written exams, rej	ports et			
36. Lea	rning and	Teaching Resource	8					
		books (curricular books,		Microclimatol	າໜ			
	quirea texti		in any)	inter bennator	555			
		Main references (so	ources) f. Dr. Salam, ph	one: Ahmed Al-Jubouri/A	hmed Saee			
Hadid and ot								
Recommended books and references (scientific Noman Shehadeh - Ali Ahmed								
		journals, repo	orts)					
		journaio, rop						
		ectronic References, We		world weather موقع	MIC			

267. **Program Vision**

Program vision is written here as stated in the university's catalogue and website.

268. Program Mission

Program mission is written here as stated in the university's catalogue

and website.

269. **Program Objectives**

General statements describing what the program or institution intends

to achieve.

270. Program Accreditation

Does the program have program accreditation? And from which

agency?

271. Other external influences

Is there a sponsor for the program?

272. Program Structure

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

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

273.Program Description								
Year/Level	Course Code	Course Name	e Credit Hours					
			theoretical practical					
				-				

274. Expected I	earning outcomes of the program
	Knowledge
Learning Outcomes 1	Learning Outcomes Statement 1
	Skills
Learning Outcomes 2	Learning Outcomes Statement 2
Learning Outcomes 3	Learning Outcomes Statement 3

	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

275. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

276.	Evaluation methods
	Implemented at all stages of the program in general.

277. Faculty						
					Facult	y Members
Academic Rank	Spec	ialization		Special	Number o	of the teaching
			Requiremer	nts/Skills		staff
			(if app	olicable)		
	General	Special			Staff	Lecturer

Professional Development
Mentoring new faculty members
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faculty at the institution and department level.

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for faculty such as teaching and learning strategies, assessment of learning

outcomes, professional development, etc.

278. Acceptance Criterion

(Setting regulations related to enrollment in the college or institute, whether

central admission or others)

279. The most important sources of information about the program

State briefly the sources of information about the program.

280. Program Development Plan

Year/Level Year/LevelCourse CodeCourse NameBasic or optional $Kn > V > V > V > V > V > V > V > V > V > $	Program Skills Outline															
Code Name optional Image: Code with the second								Requ	uired	progra	am Le	earning	g outcon	ies		
2023/2024 Arid regions -	Year/Level	Code Name			Kn	owled	ge				Skills				Ethics	
regions			optional -	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4	
	-				-	-		-	-	-	-	-				
	-															
	-															

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

Course Description Form							
229. Course Name:							
		Detailed Iim					
230. Course Code:							
231. Semester / Year:							
		2023/20					
232. Description Preparation Date	e:						
		16/: /20					
233. Available Attendance Forms:							
234. Number of Credit Hours (Tota	l) / Number of Un	iits (Total)					
235. Course administrator's nam							
	I	Name: Raghda Shamran Amanh					
	Er	mail: raghda1990sh@gmail.com					
236. Course Objectives							
	Course Objectives						
		detailed clin atol					
		dressing the factors controlling the ha					
		climate in the classr om					
237. Teaching and Learning Strateg	gies						
	231						

	Strategy							
		ight	into the import		led climate and c			
metrics used in climate studies								
238. Course Struc	ture	•						
Week	н	ours	Required	Unit or subject	Learning method	d Eva	uati	
			Learning	name		n	etho	
			Outcomes					
			heoretical	Detailed	Descriptive	In Ser	iest	
			and	climate	nd practical	an	l fir	
			practical					
239. Course Evalu	uation							
Distributing the score	e out of 10	0 acco	rding to the tasks as		ident such as daily pre			
				oral, mon	thly, or written exams,	report	e	
240. Learning and	I Teachin	g Res	sources			-		
	Required t	extboo	ks (curricular books,	if any)	Detailed c	limate		
			Main references (so	ources)	Prof. Dr. Salan	n, hatf		
Recommended backs and references (asigntific isurpole								
Recommended books and references (scientific journals,								
reports)								
Electronic References, Websites WWIS world weather website								
				I			-	
			232				4	

281. **Program Vision**

Program vision is written here as stated in the university's catalogue and website.

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Program mission is written here as stated in the university's catalogue

and website.

283. Program Objectives

General statements describing what the program or institution intends

to achieve.

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Does the program have program accreditation? And from which

agency?

285. Other external influences

Is there a sponsor for the program?

286. Program Structure

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

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

287.Program Description							
Year/Level	Year/Level Course Code Course Name Credit Hours						
			theoretical	practical			

288. Expected I	earning outcomes of the program
	Knowledge
Learning Outcomes 1	Learning Outcomes Statement 1
	Skills
Learning Outcomes 2	Learning Outcomes Statement 2
Learning Outcomes 3	Learning Outcomes Statement 3

	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

289. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

 290.
 Evaluation methods

 Implemented at all stages of the program in general.

291. Faculty						
					Facult	y Members
Academic Rank	Specialization		Special Requirements/Skills		Number of the teachir sta	
			(if applicable)			
	General	Special			Staff	Lecturer

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293. The most important sources of information about the program

State briefly the sources of information about the program.

294. Program Development Plan

	Program Skills Outline														
							Requ	lired J	progra	am Le	earning	g outcon	ies		
Year/Level	Course Code	Code Name		Kn	owled	ge				Skills				Ethics	
	optio	optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	С3	C4	

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

Course Description Form

241.	Course Name:	
		Industrial Geography
242.	Course Code:	
- / -	-	
243.	Semester / Year:	
		2023 - 2024
244.	Description Propagation De	
244.	Description Preparation Da	
		1/9/2023
245.	Available Attendance Forms	:
246.	Number of Credit Hours (Tot	tal) / Number of Units (Total)
240.		8
		C C
247. name		me (mention all, if more than one
nam		Name: may thamer ragab
	Em	ail: may.ge.hum@uodiyala.edu.iq
		ann may gemanie abaryara.caanq
248.	Course Objectives	
	Course Objectives	• Studying the geography of
	•	industry
		•Explaining the factors behind
		• the establishment of
		industry
249.	Teaching and Learning Strat	tegies
0 1 1		
Strategy		

250.	Course	Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method		
			cording to the tasks n, daily oral, monthly	•			
252.1	_earning	and Teaching Re	sources				
Required textbooks (curricular books, if any) dul Zahra Ali Al-Janabi, Industrial ography, Dar Safaa for Publishing and Distribution, 1st edition, 2013 hammad Azhar Al-Sammak and							
				iimi, Geograj y and its Appli			
	Main references (sources) thammad Azhar Al-Sammak, The ography of Industry in a ntemporary Perspective, Dar Al-						

	Yazouri, Jordan,
Recommended books and references (scientific journals, reports)	Salem Humaidan, Industry and novation in Developed Countries, Al-Dar Al-Methodology - Cairo
Electronic References, Websites	ittps;///coehumam.uodiyala.edu.iq

295. **Program Vision**

Program vision is written here as stated in the university's catalogue

and website.

296. Program Mission

Program mission is written here as stated in the university's catalogue

and website.

297. Program Objectives

General statements describing what the program or institution intends

to achieve.

298. Program Accreditation

Does the program have program accreditation? And from which

agency?

299. Other external influences

Is there a sponsor for the program?

300. Program S	300. Program Structure							
Program Structure	Number of	Credit hours	Percentage	Reviews*				
	Courses							
Institution								
Requirements								
College								
Requirements								
Department								
Requirements								
Summer Training								
Other								
Other								

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

301.Program Description							
Year/Level	Course Code	Course Name	Credit Hours				
			theoretical	practical			

302. Expected learning outcomes of the program						
	Knowledge					
Learning Outcomes 1	Learning Outcomes Statement 1					
	Skills					
Learning Outcomes 2	Learning Outcomes Statement 2					

Learning Outcomes 3	Learning Outcomes Statement 3
	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

304.	Evaluation methods
	Implemented at all stages of the program in general.

305. Faculty					
				Facult	y Members
Academic Rank	Spec	ialization	Special	Number o	f the teaching
			Requirements/Skills		staff
			(if applicable)		
	General	Special		Staff	Lecturer

Professional Development

Mentoring new faculty members

Briefly describes the process used to mentor new, visiting, full-time, and part-time

faculty at the institution and department level.

Professional development of faculty members

Briefly describe the academic and professional development plan and arrangements

for faculty such as teaching and learning strategies, assessment of learning

outcomes, professional development, etc.

306. Acceptance Criterion

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

307. The most important sources of information about the program

State briefly the sources of information about the program.

308. Program Development Plan

	Program Skills Outline														
							Requ	lired	progra	am Le	earning	g outcon	ies		
Year/Level	Course Code	Basic or				owledge		Skills						Ethics	
	optional –	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4		
2023 - 2024 third stage		natural resources	basic	-	-	-	-	-	-	-	-				

							1 1
							1 1
							1

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

Course Description Form

253.	Course Name:	
		natural resources
254.	Course Code:	
255.	Semester / Year:	
		2023 - 2024
256.	Description Preparation Date	::
		1 / 10 / 2023
257.	Available Attendance Forms:	
258.	Number of Credit Hours (Total) / Number of Units (Total)
	· · · · · · · · · · · · · · · · · · ·	2 hours 2 units
259.	Course administrator's name	e (mention all, if more than one
nam		
	Name: assista	nt teacher. Younus Mahdi saleh
	Email: vo	unus.gev.hum@uodiyala.edu.iq
260.	Course Objectives	
200.	-	a Introducing students to not
	Course Objectives	 Introducing students to nate resources and their relations
		to geography
		 Study the most important nate
		resources, the forms in wh
		they are found in nature, a
		how to exploit them
		 Study the most important national
<u> </u>		

				the Arab wor	railable in Iraq Id and exploit tl while preserv nability for fu
261		Teaching and Learnin			
	ategy Course	Structure	eparing reports by s		
Week	Hours		Unit or subject	Learning	Evaluation
		Outcomes	name	method	method
ecture veekly		a e student must be k niliar with the idy material in all details through owledge of tural resources d their geographical distribution	5	lecture	assignments and
	Course	e Evaluation			
			cording to the tasks as		_

daily preparation, daily o	oral, monthly, or written exams, reports etc
264. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	سلام هاتف احمد الجبوري، الموارد الطبيع بغداد، الطبعة الثانية، 2016
Recommended books and references (scientific journals, reports)	
Electronic References, Websites	

Four Stage

309. Program Vision

Program vision is written here as stated in the university's catalogue and website.

310. Program Mission

Program mission is written here as stated in the university's catalogue

and website.

311. Program Objectives

General statements describing what the program or institution intends

to achieve.

312. Program Accreditation

Does the program have program accreditation? And from which

agency?

313. Other external influences

Is there a sponsor for the program?

314. Program Structure

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

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

315.Program Description										
Year/Level	Course Code	Course Name	Credit Hours							
			theoretical	practical						

316. Expected learning outcomes of the program								
	Knowledge							
Learning Outcomes 1	Learning Outcomes Statement 1							
	Skills							
Learning Outcomes 2	Learning Outcomes Statement 2							
Learning Outcomes 3	Learning Outcomes Statement 3							

	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

317. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

318.	Evaluation methods
	Implemented at all stages of the program in general.

319. Faculty										
Faculty Members										
Academic Rank	Spec	alization		Number o	of the teaching					
			Requiremen	ts/Skills		staff				
			(if app	licable)						
	General	Special			Staff	Lecturer				

Professional Development
Mentoring new faculty members
Briefly describes the process used to mentor new, visiting, full-time, and part-time

faculty at the institution and department level.

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for faculty such as teaching and learning strategies, assessment of learning

outcomes, professional development, etc.

320. Acceptance Criterion

(Setting regulations related to enrollment in the college or institute, whether

central admission or others)

321. The most important sources of information about the program

State briefly the sources of information about the program.

322. Program Development Plan

			Pro	gram	Skills	Outl	ine								
					Required program Learning outcomes										
Year/Level	Course Code	Course Name	Basic or					ills	Ethics						
			optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	С3	C4
2023-2024 / Fourth stage	Basic	Geographic thought		1	~	\checkmark	V	\checkmark	\checkmark	V	1	1	\checkmark	\checkmark	

 			 		 	-		
								1
								1
								1
								1
								1
								1

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

Course Description Form

265. Course Name:	
	Geographic thought
266. Course Code:	
267. Semester / Year:	
	Fourth stage
268. Description Preparation Date:	
	2023/2024
269. Available Attendance Forms:	
Student attendance	is essential, not distance learning
270. Number of Credit Hours (Total) / Num	ber of Units (Total)
	-Credit Hours (60)
	- Number of Units (90)
271. Course administrator's name (men	tion all, if more than one
name)	
name) Name: Dr. H	tion all, if more than one Iusam Najem aldein Abd usamnagm5@gmail.com
name) Name: Dr. H	Iusam Najem aldein Abd
name) Name: Dr. H	Iusam Najem aldein Abd
name) Name: Dr. H Email: h 272. Course Objectives	Iusam Najem aldein Abd
name) Name: Dr. H Email: h 272. Course Objectives Course Objectives	Iusam Najem aldein Abd usamnagm5@gmail.com
name) Name: Dr. H Email: h 272. Course Objectives A2- Ide	Iusam Najem aldein Abd usamnagm5@gmail.com A1- Knows the concept of Geographic ntifies the most important components of Geographic
name) Name: Dr. H Email: h 272. Course Objectives A2- Ide	Al- Knows the concept of Geographic ntifies the most important components

		B1 - He is proficient in using geographic programs on computers and smartphones.
		B2 - The student can deal with various types of geographic data and in Geographic thought
		B3 - Students will have the ability to create simulations or models of various geographical phenomena using geographic and their applications to anticipate the future path these phenomena will take.
		B4- Urging the student to write applied work papers in the prescribed subject
		C1- He pays attention during the lecture by asking some questions related to the topic of the lecture that attract his attention and motivate him to contribute and answer.
		C2- Discusses geographical information related to the lecture topic to determine the extent of its response to what was stated in the lecture.
		C3- He participates in performing a specific activity to know the extent of his appreciation and love for this subject.
		The student must be keen to attend because feels the importance of the subject in scientific and practical life
273.	Teaching and Learning Strateg	ies
Strategy		ling lecture, discussion, field visits, and practical
		training
	1. Using toophing and alorification to	Add to :
		ools such as maps, shapes, and illustrative models. ethods such as computers, data shoo, plasma, and smart boards.
		smart boards.

β- Implementing some educational programs according to the stage assigned to the student

Veek	Hours	Required Learning	Unit or subject name	Learning	Evaluation
		Outcomes		method	method
From the week		important components, uses and benefits of	'hat is geographical thought		-Exar - Report related to th subject matte
		geographic in daily life	-The beginning of		of the articl
		stinguish between ar and cadastral data	geographical thought		
		and triangular	-Iraqi civilization		
			-Egyptian civilization		
			-Chinese		
			civilization		
			-Phoenician		
			civilization		
			-Iran		
			civilization -Roman		
			-Roman Civilization		
			- Greek		
			civilization		
			-Figures of		

	geographical	
Exam	thought	
-Reports	- civilization of	
	America and	
	Mexico	
	-middle ages maps	
	drawing	
	- geographic	
	thought before	
	Islam	
	-Islamic	
	geographical	
	thought	
	_	
	- Islamic	
	expansions	
	-Trade and its role	
	- geographic	
	Excursions	
	-Media Arab	
Exam	Islamic thought	
ractical tests on ata entry devices	-Modern geography	
	goographic	
	-geographic schools	
	-Arab schools	
	- geographic	
	research methods	
	- geographical	
	discoveries	
	-Geographical	

		detection factors		
		- Geographical		
		detection problems		
		- Geographical		
		thought the talk		
275. Course	Evaluation			
- T	'he student's daily participa	ation by answering class quest	ions related to	
		ation by answering class quest by the student to encourage summarize informatio	e him to resea	the lecture topic. rch and learn to
- Completing rep	orts related to the subject	by the student to encourage summarize informatio	e him to resea	rch and learn to
- Completing rep 276. Learnin		by the student to encourage summarize informatio	e him to resea	the lecture topic. rch and learn to
- Completing rep 276. Learnin	orts related to the subject	by the student to encourage summarize informatio	e him to resea	the lecture topic. rch and learn to
- Completing rep 276. Learnin	orts related to the subject g and Teaching Reso books (curricular books, Main references (so	by the student to encourage summarize informatio	e him to resea n from various	the lecture topic. rch and learn to
- Completing rep 276. Learnin Required text	orts related to the subject g and Teaching Reso books (curricular books, Main references (so	by the student to encourage summarize information ources if any) ources) rences - Arab J	e him to resea n from various	the lecture topic. rch and learn to reliable sources. graphical Studies
- Completing rep 276. Learnin Required text	orts related to the subject g and Teaching Reso books (curricular books, Main references (so books and refe	by the student to encourage summarize information Durces if any) purces) prences - Arab J orts) - Arab	e him to resea n from various Journal of Geog Journal of Geog ich specializes	the lecture topic. rch and learn to reliable sources. graphical Studies

323. Program Vision

Program vision is written here as stated in the university's catalogue and website.

324. Program Mission

Program mission is written here as stated in the university's catalogue

and website.

325. Program Objectives

General statements describing what the program or institution intends

to achieve.

326. Program Accreditation

Does the program have program accreditation? And from which

agency?

327. Other external influences

Is there a sponsor for the program?

328. Program Structure

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

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

329.Program	Description			
Year/Level	Course Code	Course Name	Cı	edit Hours
			theoretical	practical

330. Expected I	earning outcomes of the program
	Knowledge
Learning Outcomes 1	Learning Outcomes Statement 1
	Skills
Learning Outcomes 2	Learning Outcomes Statement 2
Learning Outcomes 3	Learning Outcomes Statement 3

	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

331. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

332.	Evaluation methods
	Implemented at all stages of the program in general.

333. Faculty						
					Facult	y Members
Academic Rank	Spec	ialization		Special	Number o	f the teaching
			Requiremen	nts/Skills		staff
			(if app	olicable)		
	General	Special			Staff	Lecturer

Professional Development
Mentoring new faculty members
Briefly describes the process used to mentor new, visiting, full-time, and part-time

faculty at the institution and department level.

Professional development of faculty members

Briefly describe the academic and professional development plan and arrangements

for faculty such as teaching and learning strategies, assessment of learning

outcomes, professional development, etc.

334. Acceptance Criterion

(Setting regulations related to enrollment in the college or institute, whether

central admission or others)

335. The most important sources of information about the program

State briefly the sources of information about the program.

336. Program Development Plan

			Pro	gram	Skills	Outl	ine								
							Requ	lired	progra	am Le	earning	g outcon	nes		
Year/Level	Course Code	Course Name	Basic or		Kn	owled	ge			ł	Skills				Ethics
			optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
2023-2024 Fourth stage		Measurem ent and evaluation	secondary	-	-	-	-	-	-	-	-				
-															
-															

 						-	 -	

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

Course Description Form

	Course Name:	
		Measurement and evaluation
278.	Course Code:	
279.	Semester / Year:	
		2023-2024
280.	Description Preparation Dat	te:
		1\10\2023 1
281.	Available Attendance Forms:	
282.	Number of Credit Hours (Tota	al) / Number of Units (Total)
283		division 3 people 6 hours 3 units
283. nan	Course administrator's nan	division 3 people 6 hours 3 units ne (mention all, if more than one
283. nan	Course administrator's nan	
	Course administrator's nan	ne (mention all, if more than one
	Course administrator's nan	ne (mention all, if more than one Name: alaa saeed hrath
	Course administrator's nan	ne (mention all, if more than one Name: alaa saeed hrath
nan	Course administrator's nan ne)	ne (mention all, if more than one Name: alaa saeed hrath Email: <u>lasyd358@gmail.com</u>
nan	Course administrator's nan ne) Course Objectives	ne (mention all, if more than one Name: alaa saeed hrath Email: <u>lasyd358@gmail.com</u> • Students know the natur measurement and evaluation
nan	Course administrator's nan ne) Course Objectives	ne (mention all, if more than one Name: alaa saeed hrath Email: <u>lasyd358@gmail.com</u> • Students know the natur measurement and evaluation • Students understand the leve
nan	Course administrator's nan ne) Course Objectives	ne (mention all, if more than one Name: alaa saeed hrath Email: <u>lasyd358@gmail.com</u> • Students know the natur measurement and evaluation
nan	Course administrator's nan ne) Course Objectives	 ne (mention all, if more than one Name: alaa saeed hrath Email: <u>lasyd358@gmail.com</u> Students know the nature measurement and evaluation Students understand the leve educational objectives
nan	Course administrator's nan ne) Course Objectives	 ne (mention all, if more than one Name: alaa saeed hrath Email: <u>lasyd358@gmail.com</u> Students know the nature measurement and evaluation Students understand the leve educational objectives understand the construction of tests

				, n	nunaqasha
286.	Course	Structure			
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
		e student ist be niliar with concepts d topics ated to easurement and evaluation	Measurement nd evaluation	the video esentatio	monthly am and a daily quirement students attend d follow he lecture
		Evaluation e score out of 100 ac	•	-	
		daily preparatio g and Teaching Resolves oks (curricular books, if Main references (sou	sources any)	nthly, or written ex med, measuren	-

	aluation in the educational process
Recommended books and references	
(scientific journals, reports)	
Electronic References, Websites	

337. Program Vision

Program vision is written here as stated in the university's catalogue

and website.

338. Program Mission

Program mission is written here as stated in the university's catalogue

and website.

339. Program Objectives

General statements describing what the program or institution intends

to achieve.

340. Program Accreditation

Does the program have program accreditation? And from which

agency?

341. Other external influences

Is there a sponsor for the program?

342. Program S	tructure			
Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution				
Requirements				
College				
Requirements				
Department				
Requirements				
Summer Training				
Other				

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

343.Program	Description			
Year/Level	Course Code	Course Name	Cr	redit Hours
			theoretical	practical

344.	Expected learning outcomes of the program	
		Knowledge

Learning Outcomes 1	Learning Outcomes Statement 1
	Skills
Learning Outcomes 2	Learning Outcomes Statement 2
Learning Outcomes 3	Learning Outcomes Statement 3
	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

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

346.	Evaluation methods
	Implemented at all stages of the program in general.

347. Faculty									
Faculty Members									
Academic Rank	Spec	alization	Specia	al Number o	of the teaching				
			Requirements/Skill	s	staff				
			(if applicable))					
	General	Special		Staff	Lecturer				

Professional Development

Mentoring new faculty members

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348. Acceptance Criterion

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

349. The most important sources of information about the program

State briefly the sources of information about the program.

350. Program Development Plan

			Pro	gram	Skills	Outl	ine								
							Requ	lired j	progra	am Le	earning	g outcon	ies		
Year/Level	Code Name		Knowledge					Skills				Ethics			
			optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	С3	C4
2023 – 2024 third stage		Developpe mement planificati on	basic	-	-	-	-	-	-	-	-				

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

Course Description Form

289. Course Name: natural resources
natural resources
290. Course Code:
291. Semester / Year:
2023 - 2024
292. Description Preparation Date:
1 / 10 / 2023
293. Available Attendance Forms:
294. Number of Credit Hours (Total) / Number of Units (Total)
-2 hours 2 units
295. Course administrator's name (mention all, if more than one
name)
Name: dr. asmaa abed alameer khlifa
Email: asmaa.gev@uodiyala.edu.iq
Elinani asinaalgeve asarjala.eaaliq
296. Course Objectives
Course Objectives dying the importance of developmen
l planning knowing the most importan
jects approved in Iraq and trackin
elopment projects and their successes in
Iraq5556
297. Teaching and Learning Strategies

	ntegy (-			-
298. (Course S	Structure	1		
Week	Hours	Required Learning	Unit or subject	Learning	Evaluatior
		Outcomes	name	method	method
ecture veekly	week		Natural Resources	lecture	assignments anc
			ording to the tasks as , daily oral, monthly, or	0	
300.1	_earning	and Teaching Reso	ources		
Requ	ired textb	ooks (curricular books,	if any)		
Recomn		Main references (so	purces) rences		660

(scientific journals, reports)	
Electronic References, Websites	

1. Program Vision

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3. Program Objectives

General statements describing what the program or institution intends to achieve.

4. Program Accreditation

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

5. Other external influences

Is there a sponsor for the program?

6. Program Structure											
Program Structure	Number of Courses	Credit hours	Percentage	Reviews*							

Institution		
Requirements		
College		
Requirements		
Department		
Requirements		
Summer Training		
Other		

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

7. Program Description										
Year/Level Course Code Course Name Credit Hours										
		theoretical	Practical							

8. Expected learning outcomes of the program										
Knowledge										
Learning Outcomes 1	Learning Outcomes Statement 1									
Skills										
Learning Outcomes 2	Learning Outcomes Statement 2									
Learning Outcomes 3	Learning Outcomes Statement 3									
Ethics										
Learning Outcomes 4 Learning Outcomes Statement 4										
Learning Outcomes 5 Learning Outcomes Statement 5										

9. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

10. Evaluation methods

Implemented at all stages of the program in general.

11. Faculty											
Faculty Members											
Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff						
	General	Special			Staff	Lecturer					

Professional Development

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

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12. Acceptance Criterion

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

13. The most important sources of information about the

program

State briefly the sources of information about the program.

14.

Program Development Plan

	Program Skills Outline														
							Req	uired	progr	am L	earnin	g outcon	nes		
Year/Level Course Course Basic or Code Name	Knov	Knowledge Skills			Ethics										
			optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
Second stag 2023-2024		Environm ental geography and pollution	Sassy	*	*	*	*	*	*	*	*	*	*	*	*

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

		Course Description Form												
Γ	1 Course	o Namo: /	Applied clipmatolog	-										
_	1. Course Name: Applied cliamatology													
_	2. Course Code:													
	3. Semester / Year:													
Γ	023-2024													
	4. Descri	ption Pre	eparation Date:											
	/10/2023													
	5. Availa	ble Atten	dance Forms:											
	6. Numbe	er of Cred	it Hours (Total) / N	umber of	Units (Tota	1								
	4 hou		4 units											
			strator's name (me			an one name)								
		-	ed Noman Muhamı e.hum@uodiyala.ec		amdani									
	Linan.	Miana.go	e.inum@uouryala.ee	iu.iq										
	8. Course	e Objectiv	es											
•	ourse Objectiv	ves					concept of environme							
					2-Knowledg	e of pollution and	its effects on the							
							tudying environme							
					geography a	-	, C							
	9. Teachi	ing and Lo	earning Strategies		L									
1	trategy													
			Giving lectures	and prep	paring repo	rts by students	s on the subject							
-	0. Course S	Structure												
-	/eek	Hours	Required Learning	Unit or s	ubject	Learning	Evaluation							
			Outcomes	name		method	method							
Π	FOR	4	To be the student		nvironmen		onthly exam							
	In		Familiar with	-	eography a		Daily duty							
	week	ek related concepts pollution visit Presence Environmental Students												
			geography				And follow them							
			And				For the lecture							

			pollutior	1			
	11. Course	e Evaluatio	on				
1	-		t of 100 according itten exams, repor		s assigned to th	ie student such as	daily preparation,
	12. Learnir	ng and Te	aching Resource	es			
I	equired textbo	oks (curric	ular books, if any)				
I	I lain references (sources)			Environmental geography and pollution boo			
I	ecommended books and references (scientific						
j	ournals, reports	s)					
I	lectronic Refe	rences, We	bsites				

15. **Program Vision**

Program vision is written here as stated in the university's catalogue and website.

16. **Program Mission**

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and website.

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General statements describing what the program or institution intends

to achieve.

18. **Program Accreditation**

Does the program have program accreditation? And from which

agency?

19. Other external influences

Is there a sponsor for the program?

20. Program Structure													
Program Structure	Number of	Credit hours	Percentage	Reviews*									
	Courses												
Institution													
Requirements													
College													
Requirements													
Department													
Requirements													
Summer Training													
Other													

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

21. Program Description											
Year/Level Course Code Course Name Credit Hours											
			theoretical	practical							

22. Expected learning outcomes of the program					
	Knowledge				
Learning Outcomes 1	Learning Outcomes Statement 1				

	Skills
Learning Outcomes 2	Learning Outcomes Statement 2
Learning Outcomes 3	Learning Outcomes Statement 3
	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

23. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

24. Evaluation methods

Implemented at all stages of the program in general.

25. Faculty										
Faculty Members										
Academic Rank	Specialization		Requiremer (if app	Special hts/Skills plicable)	Number of the teaching staff					
	General	Special			Staff	Lecturer				

Professional Development

Mentoring new faculty members

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

Professional development of faculty members

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

outcomes, professional development, etc.

26. Acceptance Criterion

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

27. The most important sources of information about the program

State briefly the sources of information about the program.

28.

Program Development Plan

		Pro	gram	Skills	Outl	ine								
						Requ	uired j	progra	am Le	earning	g outcon	ies		
Year/Level	Course Basic or Name		Kn	owled	ge				Skills				Ethics	
		optional	A1	A2	A3	A4	B1	B2	B 3	B4	C1	C2	С3	C4
Annual - fourth	 Geography of seas and oceans	Basic	•	•	•	•	٠	•	•	•	•	•	•	•

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

Course Description Form

13. Course Name:	
	Geography of seas and oceans
14. Course Code:	
15. Semester / Year:	
	Annual
16. Description Preparation Date	:
	15-3-2023-2024
17.Available Attendance Forms:	
Fourth	stage students - in attendance
18.Number of Credit Hours (Total) / Nun	nber of Units (Total)
	hours, 2 hours for each section
	Number of units – 2 units
19. Course administrator's name	e (mention all, if more than one
Name : thikra adel Mahmoud	Email: <u>thakra.ada@gmial.com</u>
79sahlim@gmail.com	M. Suha salim Ali
M. M. Khaldoun Rahman Alwan	nsym1983@gmail.co
	<u>,</u>
20. Course Objectives	
Course Objectives	 Cognitive objectives –
	• Knows the importance of the geography of
	seas and oceans

entifies the most important types of seas on the surface of the Earth.

 Compare and distinguish between types of internal and external seas

istinguishes between seas and oceans in terms of geographical location, size, etc.

-Skill goals--

 To know the concept of the geography of seas and oceans and study them from a atural perspective, and to introduce students

to the types of seas, their geological

importance, their historical origin, their classification according to their location and ze, and to study their chemical composition, the degree of difference in their salinity, and he geological and geomorphological aspects y contain that distinguish each one from the other.

The possibility of using a distinctive method in teaching and delivering

> • The ability to know geographical data, analyze it, and encourage field study

he ability to submit a report or research er in the field of studying the geography of seas and oceans

- Emotional goals

be interested in studying scientific material

		in the field	of sea and oce	an geography			
			Introducing the importance of scientific				
			terial and the most important pioneers in the Id of studying natural and human geography				
		nd the important					
		 Giving opinion 	is on some wro	ong matters in			
		the ed	ucation and sci	ience process			
		ctive participatio	on during the le	cture through			
		rposeful questic	ons with the ain	n of obtaining			
				information.			
		articipate in va	rious activities	that develop			
		dents' skills tow		_			
	in a practical way.						
21. Teach	ng and Learning	Strategies					
Strategy	1- Using the dea	scriptive method and	-	-			
		the n	naterial (lec	turer			
	2- Using ed	ucational tools such	_				
			pictures	s, etc.			
	Presenting Po	werPoint, pictures,	and using	the			
			comp	uter.			
22. Course Structu	ire						
Week Hou	rs Required	Unit or subject name	Learning	Evaluation			
	Learning		method	method			
	Outcomes						

		e concept of	through -	- Daily oral
the week the first	Students	ography of as and oceans	- Giving the lecture terrogation - Use electronic offers	nd written tests Attending and rticipating the lecture Providing ports and search in
second week	Students' pwledge of the lesson topic Jnderstanding not the sibility of transferring prmation and scientific pwledge about subject to others	Scientific finition of as and oceans.	- Giving the lecture terrogation - Use electronic offers - entification	Providing eports and

2 the third	Students' owledge of the	e beginning the geographical ploration of seas and oceans	- Giving the lecture terrogation	- Daily ora nd writter tests Attending and rticipating
	transferring prmation and scientific pwledge about subject to others		offers - entification	Providing eports and
the week ? the fourth		oup trips of international nature	- Giving the lecture terrogation - Use electronic offers - entification	Providing eports and

					material
the week the Fifth	2		eories of the gin of seas and oceans	- Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests Attending and rticipating the lecture Providing eports and research in the field of scientific material
Seventh sixth			eories of the mation of ceanic basins	through - - Giving the lecture terrogation	- Daily oral nd written tests · Attending and
		not the sibility of transferring prmation and scientific			rticipating the lecture Providing

	subject to		forms	the field of
	others			scientific material
		Lapworth's theory	through -	- Daily ora
week for the 2 seventh	Students' pwledge of the		- Giving the lecture	nd writter tests
Seventin	lesson topic		terrogation	Attending
	2 Jnderstanding not the		- IIsa	anc rticipating
	sibility of		electronic	
	transferring prmation and		offers	
	scientific		_	Providing eports and
	wledge about		entification	-
	subject to others			the field o scientific
				materia
		Pressure	through -	- Daily ora
e eighth week 2	Students'	difference	- Giving the	nd writter
-	owledge of the	theory	lecture	test
	lesson topic		terrogation	Attending
	Jnderstanding			and
	not the			rticipating

	2	transferring prmation and scientific pwledge about subject to others		- entification	the lecture Providing eports and research in the field of scientific material
the week the Ninth	2	Students' owledge of the lesson topic Jnderstanding not the sibility of transferring ormation and scientific owledge about subject to others	Tetradic theories	- Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests Attending and rticipating the lecture Providing eports and research in the field of scientific material
ne tenth week	2	Students' owledge of the	Moon subsidence eory - continental	through - - Giving the lecture	- Daily oral nd written tests

	lesson to Jnderstandi not t sibility transferri ormation a scienti owledge abo subject othe	ng he of ng nd fic but to	terrogation - Use electronic offers - entification forms	Attending and rticipating the lecture Providing eports and research in the field of scientific material
The eleventh 2 week	Studen owledge of t lesson toj 2 Jnderstandi not t ssibility transferri ormation a scienti owledge abo subject othe	he pic ng he of ng nd fic put to	- Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests Attending and rticipating the lecture Providing eports and research in the field of scientific material

			e theory	of plate	through -	- Daily oral
The twelfth week	2	Students' owledge of the lesson topic Jnderstanding not the sibility of transferring ormation and scientific owledge about subject to others		tectonics	electronic offers - entification	nd written tests Attending and rticipating the lecture Providing eports and research in the field of scientific material
the rteenth week			ssification as and oce	eans	- Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests Attending and rticipating the lecture Providing eports and research in the field of scientific material

he fourteenth ? week	Students' owledge of the lesson topic Jnderstanding not the ssibility of transferring ormation and scientific owledge about subject to others	ssification of as and oceans sed on salinity	- Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests Attending and rticipating the lecture Providing eports and research in the field of scientific material
The fifteenth 2 week	Students	ssification of as and oceans sed on geographical location	- Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests Attending and rticipating the lecture Providing eports and research in the field of scientific

					material
The sixteenth 2 week		Jnderstanding not the	issification of as and oceans sed on ation and gin (time) of ancient eological seas	- Giving the lecture terrogation - Use electronic offers - entification	Providing eports and
The seventeenth week		ownedge of the	e importance seas and eans / the ge extent of	- Giving the lecture	- Daily oral nd written tests · Attending
	2	Jnderstanding not the sibility of transferring ormation and	eir water cover	terrogation - Use electronic offers	and
		scientific wledge about		- entification	eports and

	subject to others		forms	the field of scientific material
he eighteenth 2 week	bwledge of the	Natural aracteristics of sea d ocean water / mperature - density	- Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests Attending and rticipating the lecture Providing eports and research in the field of scientific material
he nineteenth week	pwledge of the	Natural haracteristics sea and ean water / color, transparency.	- Giving the lecture terrogation	- Daily oral nd written tests Attending and rticipating

	orr ow	transferring mation and scientific ledge about subject to others				- entification	the lecture Providing eports and research in the field of scientific material
The twentieth week	Jno ssil t prr	Students' rledge of the lesson topic derstanding not the bility of transferring mation and scientific rledge about subject to others	emical sea	proj and	perties ocean water	- Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests Attending and rticipating the lecture Providing eports and research in the field of scientific material
Twenty-first week	ow	Students' vledge of the	as and e mo	portan locea ovemen races,	ans in	through - - Giving the lecture	- Daily oral nd written tests

	lesson topic Jnderstanding not the ssibility of transferring ormation and scientific owledge about subject to others	e f g l c t	terrogation - Use electronic offers - entification forms	Attending and rticipating the lecture Providing eports and research in the field of scientific material
The twenty- second week 2	Students pwledge of the lesson topic Jnderstanding not the ssibility of transferring prmation and scientific pwledge about subject to others	ects and importance	- Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests Attending and rticipating the lecture Providing eports and research in the field of scientific material

		[י וי ת
			Causes of marine	through -	- Daily oral
The twenty- 2 third week	2	Students' owledge of the lesson topic Jnderstanding not the sibility of transferring	submergence Marine inundation e to major subsidence movements		nd written tests Attending and rticipating the lecture
		ormation and scientific owledge about subject to others		- entification	Providing eports and research in the field of scientific material
The twenty- fourth week	2	Students	The sea was oded due to e rise in sea d ocean ter levels bove the land	- Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests Attending and rticipating the lecture Providing eports and research in the field of scientific material

e twenty-fifth week	2 Students pwledge of the lesson topic Jnderstanding not the sibility o transferring prmation and scientific pwledge abour subject to others	enomenon of marine inundation	- Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests Attending and rticipating the lecture Providing eports and research in the field of scientific material
Twenty-sixth week	Students owledge of the lesson topic Jnderstanding not the ssibility o transferring ormation and scientific owledge about subject to others		- Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests Attending and rticipating the lecture Providing eports and research in the field of scientific

					material
The twenty- seventh week	2	Students' owledge of the lesson topic Jnderstanding not the sibility of transferring ormation and scientific		- Giving the lecture terrogation - Use electronic offers	- Daily oral nd written tests · Attending and irticipating the lecture Providing eports and
		wledge about subject to others		entification	
The twenty- eighth week		Students' owledge of the lesson topic	ects associated th changing the ea of seas and oceans	through - - Giving the lecture terrogation	- Daily oral nd written tests Attending
	2	Jnderstanding not the sibility of transferring ormation and scientific owledge about		- Use electronic offers	Providing eports and

	subject to		forms	the field of
	others			scientific
				material
The twenty-		Eustatinian	through -	- Daily ora
ninth week		vements and the	_	nd written
	Students	pulation of the	- Giving the	tests
		world	lecture	lesis
	lesson topic			Attending
	Jnderstanding		terrogation	and
	not the		- Use	rticipating
	sibility of		electronic	
	transferring		offers	
	prmation and		Uners	Providing
	2 scientific		-	eports and
	wledge about		entification	research in
	subject to others		forms	the field of
	others			scientific
				materia
				materia
The thirtieth		Historical	through -	- Daily oral
week	Students'	ckgrounds of the		nd written
2	owledge of the	enomenon of	- Giving the	tests
		arine submergence	lecture	
	lesson topic	_	terrogation	Attending
	Jnderstanding		leirogation	and
	not the		- Use	rticipating
	sibility of		electronic	

				66	
	transferring			offers	the lecture
	ormation and scientific			_	Providing
	wledge about			entification	-
	subject to				-
	others			forms	research in
	others				the field of
					scientific
					material
23. Course	Evaluation				
Distributing the	e score out of 100 accor	ding to tl	he tasks assigr	ned to the stu	dent such as
	daily preparation, d	aily oral,	monthly, or wi	ritten exams, r	eports etc
					-
Daily ora	al and written tests - and s	students'	actual particip		res, activities,
Daily ora	al and written tests - and :	students'	actual particip		-
Daily ora			actual particip % Semester ex	researcl	res, activities, h and reports
Daily ora				researcl	res, activities, h and reports
Daily ora				researcl	res, activities, h and reports
		exams 20		researcl	res, activities, h and reports
24. Learning	Monthly e	exams 20 rces	% Semester ex	researcl ams 40% Fina	res, activities, h and reports hl exams 60%
24. Learning	Monthly e g and Teaching Resou	exams 20 rces s, if any)	% Semester ex	research ams 40% Fina Muhammad	res, activities, h and reports al exams 60% Abdo
24. Learning	Monthly e g and Teaching Resou	exams 20 rces s, if any)	% Semester ex laat Ahmed M d Houria Mu	research ams 40% Fina Muhammad hammad Hu	res, activities, h and reports al exams 60% Abdo ssein
24. Learning	Monthly e g and Teaching Resou	exams 20 rces s, if any)	% Semester ex laat Ahmed M d Houria Mu idallah, Geog	research ams 40% Fina Muhammad hammad Hu raphy of the	res, activities, h and reports al exams 60% Abdo ssein e Seas
24. Learning	Monthly e g and Teaching Resou	exams 20 rces s, if any)	% Semester ex laat Ahmed M d Houria Mu dallah, Geog and O	research ams 40% Fina Muhammad hammad Hu raphy of the ceans, Unive	res, activities, h and reports al exams 60% Abdo ssein e Seas ersity
24. Learning	Monthly e g and Teaching Resou	exams 20 rces s, if any)	% Semester ex laat Ahmed M d Houria Mu idallah, Geog	research ams 40% Fina Muhammad hammad Hu raphy of the ceans, Unive	res, activities, h and reports al exams 60% Abdo ssein e Seas ersity
24. Learning	Monthly e g and Teaching Resou	exams 20 rces s, if any)	% Semester ex laat Ahmed M d Houria Mu dallah, Geog and O	research ams 40% Fina Muhammad hammad Hu graphy of the ceans, Unive ouse, Egypt, 2	res, activities, h and reports al exams 60% Abdo ssein e Seas ersity 2008.
24. Learning	Monthly e g and Teaching Resou	exams 20 rces s, if any)	% Semester ex laat Ahmed M d Houria Mu dallah, Geog and O nowledge Ho	research ams 40% Fina Muhammad A hammad Hu graphy of the ceans, Unive ouse, Egypt, 2 Ahmed Ab	res, activities, h and reports al exams 60% Abdo ssein e Seas ersity 2008. u Al-
24. Learning	Monthly e g and Teaching Resou	exams 20 rces s, if any)	% Semester ex laat Ahmed M d Houria Mu dallah, Geog and O nowledge Ho ssan Sayed in, Geograph	research ams 40% Fina Muhammad hammad Hu graphy of the ceans, Unive ouse, Egypt, 2 Ahmed Abu	res, activities, h and reports al exams 60% Abdo ssein e Seas ersity 2008. u Al- s and
24. Learning	Monthly e g and Teaching Resou	exams 20 rces s, if any)	% Semester ex laat Ahmed M d Houria Mu idallah, Geog and O nowledge Ho ssan Sayed in, Geograph eans,	research ams 40% Fina Muhammad hammad Hu raphy of the ceans, Unive ouse, Egypt, 2 Ahmed Abu y of the Sea Oceanogra	res, activities, h and reports al exams 60% Abdo ssein e Seas ersity 2008. u Al- s and aphy,
24. Learning	Monthly e g and Teaching Resou	exams 20 rces s, if any)	% Semester ex laat Ahmed M d Houria Mu dallah, Geog and O nowledge Ho ssan Sayed in, Geograph eans, iversity Hou	research ams 40% Fina Muhammad hammad Hu graphy of the ceans, Unive ouse, Egypt, 2 Ahmed Ab ouse, Egypt, 2 Ahmed Ab ouse, for Pri	res, activities, h and reports al exams 60% Abdo ssein e Seas ersity 2008. u Al- s and aphy, nting
24. Learning	Monthly e g and Teaching Resou	exams 20 rces s, if any)	% Semester ex laat Ahmed M d Houria Mu dallah, Geog and O nowledge Ho ssan Sayed in, Geograph eans, iversity Hou	research ams 40% Fina Muhammad hammad Hu graphy of the ceans, Unive ouse, Egypt, 2 Ahmed Abu ouse, Egypt, 2 Ahmed Abu oceanogra use for Pri ng, Alexar	res, activities, h and reports al exams 60% Abdo ssein e Seas ersity 2008. u Al- s and aphy, nting ndria,
24. Learning	Monthly e g and Teaching Resou	exams 20 rces s, if any)	% Semester ex laat Ahmed M d Houria Mu dallah, Geog and O nowledge Ho ssan Sayed in, Geograph eans, iversity Hou	research ams 40% Fina Muhammad hammad Hu graphy of the ceans, Unive ouse, Egypt, 2 Ahmed Abu ouse, Egypt, 2 Ahmed Abu oceanogra use for Pri ng, Alexar	res, activities, h and reports al exams 60% Abdo ssein e Seas ersity 2008. u Al- s and aphy, nting
24. Learning	Monthly e g and Teaching Resou	exams 20 rces s, if any)	% Semester ex laat Ahmed M d Houria Mu dallah, Geog and O nowledge Ho ssan Sayed in, Geograph eans, iversity Hou d Publishin	research ams 40% Fina Muhammad hammad Hu graphy of the ceans, Unive ouse, Egypt, 2 Ahmed Abu ouse, Egypt, 2 Ahmed Abu oceanogra use for Pri ng, Alexar E	res, activities, h and reports al exams 60% Abdo ssein e Seas ersity 2008. u Al- s and aphy, nting ndria,

	eans and Their Basins, a tural and Economic Study, yptian Library for Publishing and Distribution, Egypt, 2015.
Recommended books and references (scientific journals, reports)	eses, dissertations, thodological books, and earch in the field of specialization
Electronic References, Websites	e Iraqi Virtual Library - the ctronic library for colleges d universities - scientific websites

29. Program Vision

Program vision is written here as stated in the university's catalogue and website.

30. **Program Mission**

Program mission is written here as stated in the university's catalogue and website.

31. **Program Objectives**

General statements describing what the program or institution intends

to achieve.

32. Program Accreditation

Does the program have program accreditation? And from which

agency?

33. Other external influences

Is there a sponsor for the program?

34. Program Structure						
Program Structure	Number of Courses	Credit hours	Percentage	Reviews*		
Institution Requirements						
College Requirements						
Department Requirements						
Summer Training						
Other						

 $\ast\,$ This can include notes whether the course is basic or optional.

35. Program Description							
Year/Level	Course Code	Course Name	e Credit Hours				
			theoretical	practical			

36. Expected learning outcomes of the program						
	Knowledge					
Learning Outcomes 1 Learning Outcomes Stateme						
	Skills					
Learning Outcomes 2	Learning Outcomes Statement 2					
Learning Outcomes 3	Learning Outcomes Statement 3					

	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

37. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

38. Evaluation methods

Implemented at all stages of the program in general.

39. Faculty								
	Faculty Members							
Academic Rank	Spe	ecialization	Special Number of the teac					
Prof. Dr. Firas Abdel– Jabbar Abdullah			Requiremer (if app	nts/Skills olicable)	staff			
Prof. Dr. Hussein	General	Special			Staff	Lecturer		
Abdel Majeed Hamid	Human	Political			3			
TeacherDia Madloul	geography	geography						
Faraj								
L								

Professional Development

Mentoring new faculty members

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

Professional development of faculty members

Briefly describe the academic and professional development plan and arrangements

for faculty such as teaching and learning strategies, assessment of learning

outcomes, professional development, etc.

40. Acceptance Criterion

(Setting regulations related to enrollment in the college or institute, whether

central admission or others)

41. The most important sources of information about the program

State briefly the sources of information about the program.

42. Program Development Plan

	Program Skills Outline														
							Requ	lired	progra	am Le	earning	g outcon	ies		
Year/Level	Course Code	Course Name	Basic or		Kn	owled	ge				Skills				Ethics
		optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	С3	C4	

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

Course Description Form

25.	Course Name:	
26		
26.	Course Code:	
27.	Semester / Year:	
28.	Description Preparation Date:	
29 Ava	ilable Attendance Forms:	
23.800		
20 Nu	mber of Crodit Hours (Total) / Number of He	ite (Total)
30.Nur	mber of Credit Hours (Total) / Number of Un	
31. nar	Course administrator's name (mention	n all, if more than one
	ريڊعيfairas.ge.hum@uodiyala.edu.iq	الاسم: ا.د فراس عبد الجبار ا
	hhamid@uodiyala.edu.io	ا م د حسين عبد المحيد حميدر
		- · · ·
	diyaa.ge.hum@uodiyalq	م ضياء مدلول فرج edu.iq.
32.	Course Objectives	
	Course Objectives •	• Developing the stude
		skills in political analysis
		Study the relationship betw geographical factors and poli
		 informing the stud
		about the latest developme
		in the international polit situation
	•	
	•	
L		

33.	Teach	ing and Learning S	Strategies		
Str	ategy				
34. Cours	e Structu	ire			Γ
Week	Hours	Required	Unit or subject	Learning	Evaluation
		Learning	name	method	method
		Outcomes			
	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	uation	concept of geopolitics nponents of human state ural elements the state Geopolitical theories		Oral Jestions udent such as
		daily preparation, da	ily oral, monthly, or	written exams,	reports etc
36. Lear	ming and	I Teaching Resour			
Require	ed textboc	ks (curricular books, i	if any) le concept of g hmoud Tawfid	•	ts scope Kuwait ity 1998
		Main references (so		e twenty-first bloom, scienti encyc	
_	ad baaka	and references (sci	iontifio		

journals, reports)	
Electronic References, Websites	

43. **Program Vision**

Program vision is written here as stated in the university's catalogue and website.

44. **Program Mission**

Program mission is written here as stated in the university's catalogue

and website.

45. **Program Objectives**

General statements describing what the program or institution intends

to achieve.

46. **Program Accreditation**

Does the program have program accreditation? And from which

agency?

47. Other external influences

Is there a sponsor for the program?

48. **Program Structure**

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

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

49. Program Description							
Year/Level	Course Code	Course Name	Credit Hours				
			theoretical	practical			

50. Expected learnin	50. Expected learning outcomes of the program					
	Knowledge					
Learning Outcomes 1 Learning Outcomes Statemen						
	Skills					
Learning Outcomes 2	Learning Outcomes Statement 2					
Learning Outcomes 3	Learning Outcomes Statement 3					

	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

51. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

52. Evaluation methods

Implemented at all stages of the program in general.

53. Faculty						
Faculty Members						
Academic Rank	Specialization		Special		Number of the teaching	
			Requirements/Skills		staff	
			(if applicable)			
	General	Special			Staff	Lecturer

Professional Development
Mentoring new faculty members
Briefly describes the process used to mentor new, visiting, full-time, and part-time

faculty at the institution and department level.

Professional development of faculty members

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for faculty such as teaching and learning strategies, assessment of learning

outcomes, professional development, etc.

54. Acceptance Criterion

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

55. The most important sources of information about the program

State briefly the sources of information about the program.

56. Program Development Plan

			F	Program	n Skills	Outlin	ne								
							Req	uired	progr	am Lo	earnin	g outcor	nes		
Year/Level	Course	Course	Basic or		Know	edge			Sk	ills			Eth	nics	
	Code	Name	optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	С3	C4
2023-2024 / Fourth stage	Basic	Geographic informatio n systems		√	V	√	V	V	\checkmark	1	\checkmark	\checkmark	~	V	V
-															

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Course Description Form

	•
37. Course Name:	
	Geographic information systems
38. Course Code:	
39. Semester / Year:	
	Fourth stage
40. Description Preparation Date:	
	2023-2024
41. Available Attendance Forms:	
	tudent attendance is essential, not distance learning
42. Number of Credit Hours (Total) / Number of U	Inite (Total)
42. Number of Credit Hours (Total) / Number of C	-Credit Hours (60)
	Number of Units (00)
	- Number of Units (90)
43. Course administrator's name (mention all, if m	
	Name: Dr. Hisham Tawfiq Jameel
	Email: hisham.ge.hum@uodiyala.edu.iq
44. Course Objectives	
A-Cognitive objectives: Make the student able to	A1- Knows the concept of Geographic
	Information Systems (GIS).
	A2- Identifies the most important components
	of Geographic Information Systems (GIS).
	A3- Classifies the most important types of
	geographical data
	A4- Distinguish between types of geographical
	phenomena
D. The shills abjectives of the source Make the	D1 Hais profisiont in using goographia
B - The skills objectives of the course. Make the student able to	B1 - He is proficient in using geographic information systems programs on computers
	and smartphones.
	R2 The student can deal with various types of
	B2 - The student can deal with various types of geographic data and information and manage
	them through programs specialized in
	geographic information systems.
	B3 - Students will have the ability to create
	simulations or models of various geographical
	phenomena using geographic information
	systems programs and their applications to

	anticipate the future path these phenomena will take.
	B4- Urging the student to write applied work papers in the prescribed subject
C- Emotional and value-based goals - making the student able to:	C1- He pays attention during the lecture by asking some questions related to the topic of the lecture that attract his attention and motivate him to contribute and answer.
	C2- Discusses geographical information related to the lecture topic to determine the extent of its response to what was stated in the lecture.
	C3- He participates in performing a specific activity to know the extent of his appreciation and love for this subject.
	C4- The student must be keen to attend because he feels the importance of the subject in scientific and practical life.

45. Teaching and Learning Strategies	45. Teach
Strategy Using several teaching methods, including lecture, discussion, field visits, and practical	Strategy
training	
Add to :	
1- Using teaching and clarification tools such as maps, shapes, and illustrative models.	
2- Using modern electronic teaching methods such as computers, data shoo, plasma, and smart boards.	
3- Implementing some educational programs according to the stage assigned to the student.	

46. Cou	urse Struct	ure			
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
From the week	2 hours a week	Identify the most important components, uses	Chapter One: The Concept and Development of GIS	-Lecture method	-Exam - Reports related to the subject
1-2		and benefits of geographic	The concept of geographic information	- Supported by modern means	matter of the

		information	systems	of illustration	article
		systems in daily life	The evolution of		
		distinguish			
		- distinguish between linear and	geographic information		
		cadastral data and	systems		
			Elements (components)		
		triangular grid	of geographic		
			information systems		
			GIS Jobs		
			Benefits of Using GIS		
			Chapter Two: Data		
			Structure and Methods		
			of Representation in GIS		
			Synthesis of data in		
			linear model		
			Installation of cadastral		
			data		
			Structure of triangle grid		
			data		
			Metadata		
From the	2 hours a	Identify the most	Chapter Three / Types	Mixing more	
week	week	important types of	of data and information	than one way	
		data and their	and their sources in	-	-Exam
6-11		sources	geographic information	In a way that	- Field tests for
			systems	suits the time	the use of
		- Identify how to		and topic of	devices and
		collect information	Spatial data	the lecture,	applications of
		and data from their	Non-spatial data	such as the	maps, satellite
		basic sources,	Non-spatial data	method of	images and
		whether they are (aerial photo maps -	Temporal data	lecture, discussion or	location
		satellite visuals -		field study	challenge (GPS))
		field study)	Spatial data sources in GIS	-	
			Lincon data anno	- Supported by modern means	
			Linear data sources	of illustration	
			Cadastral data sources	- Field tours to	
			Sources of triangular	learn about the	
			-		
			grid data	applications and devices of	

	global	Secondary sources			
	positioning	Maps of all kinds			
	(GPS)	-			
		Aerial photos			
		Satellite Imagery			
		Global cosmic order			
		Non-spatial data sources			
		Field and Field Studies			
		Temporal data sources			
		Chapter Four: Entering			T
	▼ .	Spatial and Descriptive Data in GIS			
	- Lecture	Data in GIS			
	method and	The concept of entering			
	practical training	spatial data into the			
	training	computer			
-Exam	Supported by		Identify data anter		From the
- Practical tests	modern means	Evaluation Criteria	- Identify data entry devices and ways to	2 hours a	week
on data entry	of illustration	Methods of entering	use them.	week	
devices	- Learn to use	spatial data into the	use mem.		12-14
	- Learn to use data entry	computer			
	devices in	-			
	the GIS laborat	Data entry using the			
	ory	numbering device			
	5	Direct on-screen			
		numbering method			
	-Mix between	Chapter Five:			
	more than one	Geographical Database	- Identify the		
	way	The concept of a	concept of		
~	In a way that	geographic database	geographical		
-Exam	In a way that suits the time		models and		
-Reports	and topic of	The goal of building a	databases and) hours a	From the
I. I	the lecture	geographical database	methods of	2 hours a week	week
	such as the	Requirements for	designing them	WEEK	15-19
	method of the	designing a geographic	according to the		/
	lecture or	designing a geographic database	studied		
	discussion	Gatabase	geographical		
	~	The need for a	phenomena		
	- Supported by	geographic database in			
	modern means	geographic information			

			systems	of illustration	
			systems	of mustration	
			Entity Relationships		
			Model and Geodatabase		
			Management System		
			Designs the geographic		
			database		
			uatabase		
			Stages of the		
			geodatabase		
			Base components		
			~		
			Geographical		
			indications		
			Geodatabase Structure		
			Geographic database		
			hierarchy		
			~		
			Geodatabase network		
			architecture		
			Relational structure of		
			the geographic database		
			Chapter Six: Spatial		
			Analysis of Data in	Using more	
			Geographic Information	than one	
			Systems	method	
			Spatial analysis of linear	In a way that	
			data	suits the time	
			uata	and topic of	
			Topological matching	the lecture	-Exam
		- Learn how to		such as the	-LAdin
From the		analyze and	Types of topological	method of the	- Practical tests
week	2 hours a	extrapolate data	matching	lecture or	on GIS programs
	week	from models for	Spatial analysis in the	discussion	XX 7 • . •
20-25		any geographical	cadastral system	or practical	- Writing reports
		phenomenon		training	related to chapter
			Digital Height Model	uuuung	topics
			and its Applications	Supported by	
			Digital Elevation Model	modern means	
			Digital Elevation Model Building Methods	of illustration	
			bunding Methous	Using GIS	
			Uniform grid structure	programs on	
			and irregular triangle	the computer	
			grid	the computer	

26-28 2 hours a week 2 hours a 0 hou	Extrapolating data from a digital elevation model Chapter VII: Practical Applications in Geographic Information Systems	Use methods that suit the time and topic of the lecture, such as the method of lecture or discussion or survey and exploration Supported by modern means of illustration	- Recent thematic reports and articles related to the subject of lectures -Practical application on the computer
---	--	--	--

47. Course Evaluation

-The written test

- The student's daily participation by answering class questions related to the lecture topic.

- Completing reports related to the subject by the student to encourage him to research and learn to summarize information from various reliable sources.

48. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	- Muhammad Ali Rajab Al-Sayed, Modern Geographic Information Systems (GIS).
	- Najeeb Abdul Rahman Al-Zaidi, Geographic Information Systems (GIS).
	- Diaa Abdel Mohsen Muhammad, study in geographic information systems (GIS).
	- Samih Ahmed Odeh, basics of geographic information systems and their applications in a geographical vision.
	Shujaa bin Hadi Al-Qahtani, the geographical introduction to geographic information systems
Recommended books and references (scientific journals, reports)	- Arab Journal of Geographical Studies
	- Arab Journal of Geographic Information

	Systems.
Electronic References, Websites	- Esri website, which specializes in geographic information systems software - https://www.esri.com/
	- Arab Forum for Geographic Information Systems.

57. **Program Vision**

Program vision is written here as stated in the university's catalogue and website.

58. **Program Mission**

Program mission is written here as stated in the university's catalogue

and website.

59. **Program Objectives**

General statements describing what the program or institution intends

to achieve.

60. **Program Accreditation**

Does the program have program accreditation? And from which

agency?

61. Other external influences

Is there a sponsor for the program?

62. Program Structure

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

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

63. Program Description								
Year/Level	Course Code	Course Name	Cı	redit Hours				
			theoretical	practical				

64. Expected learnin	64. Expected learning outcomes of the program						
	Knowledge						
Learning Outcomes 1	Learning Outcomes Statement 1						
	Skills						
Learning Outcomes 2	Learning Outcomes Statement 2						
Learning Outcomes 3	Learning Outcomes Statement 3						

	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

65. **Teaching and Learning Strategies**

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

66. Evaluation methods

Implemented at all stages of the program in general.

67. Faculty								
					Facult	y Members		
Academic Rank	Specialization		Requiremer (if app	Special nts/Skills plicable)	Number of the teaching staff			
	General	Special			Staff	Lecturer		

Professional Development
Mentoring new faculty members
Briefly describes the process used to mentor new, visiting, full-time, and part-time

faculty at the institution and department level.

Professional development of faculty members

Briefly describe the academic and professional development plan and arrangements

for faculty such as teaching and learning strategies, assessment of learning

outcomes, professional development, etc.

68. Acceptance Criterion

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

69. The most important sources of information about the program

State briefly the sources of information about the program.

			Pro	gram	Skills	Outl	ine								
							Requ	lired	progra	am Le	earning	g outcon	ies		
Year/Level	Course Code	Course Name	Basic or optional		Kn	owled	ge				Skills				Ethics
	ορτιο	optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	С3	C4	
2024-2023		Geography of services	Basic	\checkmark											
_															
-															

Course Description Form

49.	Course Name:
	Geography of services
50.	Course Code:
C1	
51.	Semester / Year:
	The fourth stage
52.	Description Preparation Date:
52.	2024-2023
	2024 2025
53.Ava	ilable Attendance Forms:
ident atte	endance is an existing and essential matter, not distance
	learning
54 Nur	mber of Credit Hours (Total) / Number of Units (Total)
57.1101	=60Total
	=90Units
55.	Course administrator's name (mention all, if more than one
nar	
	Name: Mr. Dr. Israa Haitham Ahmed
	Email: asraa.ge.hum@uodiyala.edu.iq
	Linan. asi aa.gc.nume uouryaia.cuu.iq
56.	Course Objectives
	Course Objectives Knows the concept of geography of
	services
	 He pays attention during the lecture by
	asking some questions related to the
	lecture and prompting him to contribute
L	

			feel the	wer. Ident must be kee importance of the c and practical lif	e subject in
57.	Teac	hing and Learning	Strategies	g including le	ecture
		discussion,	and training, in add	lition to using tage assigned	some
58. Cours					
Week	Hours	Required	Unit or subject	_	Evaluation
		Learning Outcomes	name	method	method
rom eek 1-2	2		e concept of ography of vices and their levelopment	ecture ethod	the exam
om eek 3-5			the lationship of cography to the study of services		
			Services and urban life in cities		

The	
levelopment	
the study of	
services in	
geographical	
studies	
Data sources	
for the	
eography of	
services	
Government	
sources	
Pt 11	
Field survey	
techniques	
Methods of	
studying	
services in	
geographical	
studies	
ocont trondo	
ecent trends	
the study of services	
Services	
Service	
concept	
'he nature of	
ban services	
in cities	
termine the	
spatial	
mework of	
the service	
tudy the	
nportance of	

	service	
	raluating the	
	efficiency of	
	services	
	ervice center	
	concept	
	Methods of	
	determining	
	the service	
rom	center	
eks	lassification	
-11	of service	
	centers	
	Main service	
	centers	
	Secondary	
	rvice centers	
	Suburban	
	rvice centers	
	Service	
	Centers	
	Region	
	lassification	
	of services	
	blic services	
	(road	
	services)	
	transport	
	services	
	social	

			-
	services		
	Education		
	services		
	Health		
	services		
	ecreation		
	services		
	Religious		
	services		
	ministrative		
	services		
	Sewage		
	Drinking		
	ater services		
om week	Energy and fuel		
12-	services		
	The concept of the		
	The concept of the rvice standard, the		
	adastral standards		
	for the service/the		
	service access		
	distance standard		
From	indard per capita		
weeks	share of services		
15-19			
	The concept of the		

From week	periods for preparing the basic plans e volume of vices in the basic ins of cities/planning vices within the pasic plans of cities me contemporary plications for	
	plans e volume of vices in the basic ins of cities/planning vices within the basic plans of cities me contemporary	
	e volume of vices in the basic ins of cities/planning vices within the basic plans of cities me contemporary	
	vices in the basic ins of cities/planning vices within the basic plans of cities me contemporary	
	ins of cities/planning vices within the basic plans of cities me contemporary	
	cities/planning rvices within the basic plans of cities me contemporary	
	vices within the basic plans of cities me contemporary	
	asic plans of cities me contemporary	
	me contemporary	
		1
week	plications for	
20-25		
	ban services	
	planning	
From		
week		
26-		
59. Course Evaluation	I	
stributing the score out of 100 ac daily preparatio	ccording to the tasks assig on, daily oral, monthly, or v	
	,	., - •p •r •o •iii ••••

Required textbooks (curricular books, if any)	Geography of Services book -
	Mazen Abdel Rahman Al-Hiti
	ography of Services - Fouad bin Ghadhban
	rvice activities and urban inagement - Fouad bin Ghadhban
Main references (sources)	community services and infrastructure planning - Khalaf Hussein Ali Al-Dulaimi y services: A study in velopmental geography - Bashir ahim Latif - Mohsen Abdel Ali - Riyad Kazem Salman Al-Jumaili
Recommended books and references (scientific journals, reports)	ography of Services Mazen Abdel Rahman Al-Hiti
Electronic References, Websites	

43. **Program Vision**

Program vision is written here as stated in the university's catalogue and website.

44. **Program Mission**

Program mission is written here as stated in the university's catalogue

and website.

45. **Program Objectives**

General statements describing what the program or institution intends

to achieve.

46. **Program Accreditation**

Does the program have program accreditation? And from which

agency?

47. Other external influences

Is there a sponsor for the program?

48. **Program Structure**

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

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

49. Program Description											
Year/Level	Course Code	Course Name	Credit Hours								
			theoretical	practical							

50. Expected learnin	g outcomes of the program							
	Knowledge							
Learning Outcomes 1 Learning Outcomes Stateme								
	Skills							
Learning Outcomes 2	Learning Outcomes Statement 2							
Learning Outcomes 3	Learning Outcomes Statement 3							

	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

51. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

52. Evaluation methods

Implemented at all stages of the program in general.

53. Faculty													
Faculty Members													
Academic Rank	Spec	alization		Special	Number o	f the teaching							
			Requiremer	nts/Skills		staff							
	(if ag General Special		(if app	olicable)									
					Staff	Lecturer							

Professional Development
Mentoring new faculty members
Briefly describes the process used to mentor new, visiting, full-time, and part-time

faculty at the institution and department level.

Professional development of faculty members

Briefly describe the academic and professional development plan and arrangements

for faculty such as teaching and learning strategies, assessment of learning

outcomes, professional development, etc.

54. Acceptance Criterion

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

55. The most important sources of information about the program

State briefly the sources of information about the program.

56. Program Development Plan

	Program Skills Outline														
							Requ	lired j	progra	am Le	earning	g outcom	ies		
Year/LevelCourseCourseBasic orCodeNameContained		Kn	owled	ge				Skills				Ethics			
		optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4	
			Basic												

							1

Course Description Form

37.	Course Name:
	Geography of services
38.	Course Code:
39.	Semester / Year:
	2023-2024
40.	Description Preparation Date:
41.Ava	ilable Attendance Forms:
42.14	
42.Nur	nber of Credit Hours (Total) / Number of Units (Total)
	Tow hour
43.	Course administrator's name (mention all, if more than one
nan	Name:Zainab kamel taeh
	Name.Zamab Kamer taen
	Email: zainb.gev.hum@uodiyala.edu.iq
44.	Course Objectives
	Course Objectives Enabling students to obtain knowledge and
	lerstanding of services and their importance
	in
	Preparing students to teach in secondary
	schools
	Schools
45.	Teaching and Learning Strategies
	<u> </u>

se 46. Course	ple	egies for teach ementing the pro	-	l,with repor	-
Week	Hours	Required	Unit or subject	Learning	Evaluation
		Learning	name	method	method
		Outcomes			
ture	w	The	ography	Jsing	Monthly
ekiy	ur	student	services	dern	Exam
		Must be		ieans	With
		Familiar			Daily
		with the			signments
		udject of			5
		ography			
		services			
47. Cour	se Evalu	ation			

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc									
48. Learning and Teaching Resources									
Required textbooks (curricular books, if any)									
Main references (sources)									
Recommended books and references (scientific									
journals, reports)									
Electronic References, Websites									

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76. Program Structure										
Program Structure Number of Credit hours Percentage Review										
	Courses									
Institution										
Requirements										
College										
Requirements										
Department										

Requirements		
Summer Training		
Other		

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

77. Program Description										
Year/Level Course Code Course Name Credit Hours										
			theoretical	Practical						

78. Expected learnin	78. Expected learning outcomes of the program							
Knowledge								
Learning Outcomes 1	Learning Outcomes Statement 1							
Skills								
Learning Outcomes 2	Learning Outcomes Statement 2							
Learning Outcomes 3 Learning Outcomes Statement 3								
Ethics								
Learning Outcomes 4	Learning Outcomes Statement 4							
Learning Outcomes 5	Learning Outcomes Statement 5							

79. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

80. Evaluation methods

Implemented at all stages of the program in general.

81. Faculty			
Faculty Members			
Academic Rank	Specialization	Special	Number of the teaching staff

		Requirements (if applicable)	'			
General	Special			Staff	Lecturer	

Professional Development

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

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for faculty such as teaching and learning strategies, assessment of learning

outcomes, professional development, etc.

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

83. The most important sources of information about the program

State briefly the sources of information about the program.

Program Development Plan

			Р	rogram	Skills	s Outl	ine								
				Required program Learning outcomes											
Year/Level Course Code		Course Name	Name		Knowledge			Skills				Ethics			
		optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C 3	C4	
Second stag 2023-2024		Environm ental geography and pollution	Sassy	*	*	*	*	*	*	*	*	*	*	*	*

				Course	Descrip	tion Forn	n						
	61.	Course	e Na	ame: Environment	al geogra	phy and po	ollution						
	62.	Course	e Co	ode:									
_	63. Semester / Year:												
_	023-2024	D		December Det									
-	64. /10/2023	Descri	pti	on Preparation Dat	ce:								
	/ /	ble At	tenc	lance Forms:									
				·	1 0		1						
	66.Number 4 hou			<u>it Hours (Total) / Nu</u> 4 units	umber of	Units (Tota							
				dministrator's nan	ne (menti	ion all, if m	ore than one r	name)					
				en Hadi Rshed	1 ·								
	Email:	nsree	n.g	e.hum@uodiyala.e	du.1q								
	68.	Course	e O	bjectives									
(ourse Objectiv	ves				1-Introducir	ng students to the	concept of environme					
						-	e of pollution and	its effects on the					
						environment 3-The im		tudying environme					
						geography a	-						
	69. ·	Teachi	ng	and Learning Strate	egies								
	trategy												
				Giving lectures	and prep	aring repo	rts by students	s on the subject					
,	0. Course S	Structu	Ire										
1	Veek	Hours		Required Learning	Unit or su	ubject	Learning	Evaluation					
				Outcomes	name method method								
	FOR		4	To be the student	Er	onthly exam							
	In week			Familiar with related concepts	geography a Show vid Daily dut								
	WEEK			Environmental	pollution visit Presence Students								
				geography				And follow them					
				And				For the lecture					

			pollutior				
	71. Course	Evaluatio	on				
1	-		t of 100 according itten exams, repor		s assigned to th	ie student such as	daily preparation,
	72. Learnir	ng and Te	aching Resource	es			
I	lequired textbo	oks (curric	ular books, if any)				
I	lain references	s (sources)			Environmer	ntal geography	and pollution boc
I	ecommended	books	and references	(scientific			
j	ournals, reports	s)					
I	lectronic Refe	rences, We	bsites				

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Institution				
Requirements				
College				
Requirements				
Department				
Requirements				
Summer Training				
Other				

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

91. Program Description										
Course Code	Course Name	Cr	edit Hours							
		theoretical	practical							
		-	Course Code Course Name Cr							

92. Expected learning outcomes of the program									
	Knowledge								
Learning Outcomes 1	Learning Outcomes Statement 1								
	Skills								
Learning Outcomes 2	Learning Outcomes Statement 2								
Learning Outcomes 3	Learning Outcomes Statement 3								

	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

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Teaching and learning strategies and methods adopted in the

implementation of the program in general.

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Implemented at all stages of the program in general.

95. Faculty									
Faculty Members									
Academic Rank	Spec	ialization	Requiremer (if app	Special hts/Skills plicable)	Number o	f the teaching staff			
	General	Special			Staff	Lecturer			

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for faculty such as teaching and learning strategies, assessment of learning

outcomes, professional development, etc.

96. Acceptance Criterion

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

97. The most important sources of information about the program

State briefly the sources of information about the program.

98.	Program Development Plan
70 .	r regram Bevelepment i an

	Program Skills Outline														
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or		Knowledge			Skills					Ethics		
			optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	С3	C4

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

Course Description Form

73. Course Name:
iraq Geography
74. Course Code:
75. Semester / Year:
2023 - 202
76. Description Preparation Date:
1/9/202
77.Available Attendance Forms:
78.Number of Credit Hours (Total) / Number of Units (Total)
8
79. Course administrator's name (mention all, if more than one name)
Name: may thamer ragab
Email: <u>may.ge.hum@uodiyala.edu.iq</u>
Nebras Saadoun Mutshar
nibrassadoon@gmail.com
Name; diyar taher yassen
Divertaher99@gmail.com
80. Course Objectives
Course Objectives

			_	nts the geogr Il natural, econo	aphy of Iraq mic and human
					aspects
81.	Т	eaching and Learning	g Strategies		
Stra	tegy				
82. Co	ourse S	tructure			
Week	Hours	Required Learning	Unit or subject	Learning	Evaluation
		Outcomes	name	method	method
83. 0	Course	Evaluation			
Distribu	ting the	e score out of 100 acco	-	•	
			daily oral, monthly, or	written exams,	reports etc
		g and Teaching Reso		l Caadi Iraa	ita natural
Requi	rea texti	books (curricular books,	mework, its		
				ıman side, Ba	-
		Main references (so	urces) ha Al-Hashen	ni, The Geogra	aphy of Iraq,

	Al-Salam Press, Baghdad
	dul-Zahra Ali Al-Janabi, The
	ography of Iraq in its Contemporary
	Perspective, 2020
	1 ,
Recommended books and references	https ;//www.ketablink.com
(scientific journals, reports)	
Electronic References, Websites	https;// .dijlabooksop.com

99. **Program Vision**

Program vision is written here as stated in the university's catalogue and website.

100. Program Mission

Program mission is written here as stated in the university's catalogue

and website.

101. Program Objectives

General statements describing what the program or institution intends

to achieve.

102. Program Accreditation

Does the program have program accreditation? And from which

agency?

103. Other external influences

Is there a sponsor for the program?

104. Program Structure

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

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

105.Program Description											
Year/Level	Course Code	Course Name	e Name Credit Hours								
			theoretical	practical							
				-							

106. Expected	learning outcomes of the program
	Knowledge
Learning Outcomes 1	Learning Outcomes Statement 1
	Skills
Learning Outcomes 2	Learning Outcomes Statement 2
Learning Outcomes 3	Learning Outcomes Statement 3

	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

107. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the

implementation of the program in general.

 108.
 Evaluation methods

 Implemented at all stages of the program in general.

109. Faculty					
				Facult	y Members
Academic Rank	Specialization		Special Requirements/Skills (if applicable)		f the teaching staff
	General	Special		Staff	Lecturer

Professional Development
Mentoring new faculty members
Briefly describes the process used to mentor new, visiting, full-time, and part-time

faculty at the institution and department level.

Professional development of faculty members

Briefly describe the academic and professional development plan and arrangements

for faculty such as teaching and learning strategies, assessment of learning

outcomes, professional development, etc.

110. Acceptance Criterion

(Setting regulations related to enrollment in the college or institute, whether

central admission or others)

111. The most important sources of information about the program

State briefly the sources of information about the program.

112. Program Development Plan

	Program Skills Outline														
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or				Knowledge		Skills			Ethics			
			optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
fourth stag				*	*	*	*	*	*	*	*	*	*	*	*
2023-2024															
_															

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

	Course Descripti	ion Form
	85. Course Name:	
		Social geography
	86. Course Code:	
	87. Semester / Year:	
		2023-2024
	88. Description Preparation Date:	
		1/10/2023
	89.Available Attendance Forms:	
	90.Number of Credit Hours (Total) / Number of Ur	nits (Total
		2 unite1hours 12
	91. Course administrator's name (mentio	
		Name: Omar Ghafil Hajji
		Email: omar.gev@uodiyala.edu.iq
	92. Course Objectives	
	Course Objectives	 he student knows what So
		geography • • Known as branches of So
		geography
		 The importance of studying so
_		geography
	93. Teaching and Learning Strategies Strategy	
		by students on the subject and
-	ng lectures, preparing reports	by students on the subject, and
	378	

conducting a visit											
4. Course S Week One In veek 95. Course	Hours 2	to be requester versed With concepts Related Bysocial geography	Unit or subject name ocial geography	field visit	Evaluation method onthly exam Daily duty Presence Students d follow them r the lecture						
			the tasks assigned to th daily oral, mont		s daily preparation ams, reports etc						
96. Learnir	ng and Te	aching Resources									

Required textbooks (curricular books, if any)	
.sse Ogi	em Abdulaziz Omar Al-Othman, ein Aliwi Nasser Al-Zayadi, Social raphy: Principles, Foundations and cations, Dar Al-Dougah Publishing House, Amman, Jordan, 2014
ecommended books and references (scientific journals, reports)	
Electronic References, Websites	