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

2024

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:

 Academic Program Description: 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.

Course Description: 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.

Program Mission: 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.

Curriculum Structure: 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:

Head of Department Name: Scientific Associate 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	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
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

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

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

Course Description Form

1. Course Name: Applied cliamatology

2. Course Code:

3. Semester / Year:

2023-2024

4. Description Preparation Date:

1/10/2023

5. Available Attendance Forms:

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

hours   2 unite2

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

Name: Dr. Khaled Noman Muhammad Al-Hamdani

Email: khalid.ge.hum@uodiyala.edu.iq

8. Course Objectives

Course Objectives	Students are introduced to the concept of drought and its causes
	Knowing the distribution of dry lands in relation to the world and latitudes
	3-The importance of studying dry regions

9. Teaching and Learning Strategies

	Strategy	Giving lectures and preparing reports by students on the subject

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
One In week	2	To be the student Familiar with related concepts Dry regions and locations Distributed geographically in Earth climatic	ography of dry regions	a lecture ow video visit	onthly exam Daily duty Presence Students And follow them For the lecture

11. Course Evaluation

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

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	Geography of dry regions book

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

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.

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	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		Special Requirements/Skills (if applicable)	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

Program Skills Outline															
				Required program Learning outcomes											
Year/Level	**Course Code**	**Course Name**	**Basic or optional**	**Knowledge**				**Skills**							**Ethics**
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
2023 – 2024 **First stage**		**Weather and climate**	**Basic**	-	-	-	-	-	-	-	-				

- **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. Available Attendance Forms:	
18. Number of Credit Hours (Total) / Number of Units (Total)	
	2 hours 2 units
19. Course administrator's name (mention all, if more than one name)	
Name: assistant teacher. Younus Mahdi saleh Email: younus.gev.hum@uodiyala.edu.iq	
20. Course Objectives	

Course Objectives	**Introducing students to geography of weather climate and their relationship other types of geography** **The student must be fami with climatic phenomena, mutual relationships betw these phenomena, and resulting effects** **Study of the layers of**

			atmosphere and their importa
			in weather fluctuations

21. Teaching and Learning Strategies

Strategy	Giving lectures. Preparing reports by students on the topic

22. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
Weekly lecture	hours a week	e student must be niliar with eather, climate, d climatic ments and their pact on each other	eather and climate	Lecture ethod and e of teaching ls such as e blackboard and maps	Monthly ms in dition to daily homework and attendance

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 الطبعة الثانية، ، 2018
Recommended books and references (scientific journals, reports…)	
Electronic References, Websites	

علي عبد الزهرة الوائلي، اسس ومبادىء الطقس والمناخ،بغداد، مكتب زاكي للطبا

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				

* 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 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**
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	**Specialization**		**Special Requirements/Skills (if applicable)**	**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.

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															
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills							Ethics
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
2023/2024 Stage one		Arid regions		-	-	--	-	-	-	-	-				

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

Course Description Form

25.	Course Name:	
		Arid region

26.	Course Code:	

27.	Semester / Year:	
		2023/202

28.	Description Preparation Date:	
		1/10/202

29.Available Attendance Forms:	

30.Number of Credit Hours (Total) / Number of Units (Total)	
	6 hours / 6 unite

31.	Course administrator's name (mention all, if more than one name)	
	Name: Diyar Taher Yasen	
	Email: diyertaher99@gmail.com	

32.	Course Objectives	
	Course Objectives	• **Definition of arid regions for**
		• **Students** …..
		• **Understanding of the climate**
		regions…..
		• **Understanding of the**
		• **Geomorphology of arid regions..**

33.	Teaching and Learning Strategies

	Strategy	Delivering lectures. Students preparing reports on the topic

34. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
One Lecture er week	3hour	For the Student To be Familiar With the Concepts Related To the **Arid regions**	**Arid regions**	Lecture Video presentation	Month Exam Daily ssignments Student ttendance And Their rticipation In lectures

35. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily prep ration

	daily oral, monthly, or written exams, report .... et

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	

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				

<p style="text-align: right;">* This can include notes whether the course is basic or optional.</p>

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	
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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 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

				Required program Learning outcomes											
Year/Level	**Course Code**	**Course Name**	**Basic or optional**	Knowledge				Skills							Ethics
				A1	**A2**	**A3**	**A4**	**B1**	**B2**	**B3**	**B4**	**C1**	**C2**	**C3**	**C4**
2024 \2		**Applied yofthemati. map**	**Basic**												

(Table title: **Program Skills Outline**)

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

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)

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

Teacher Dr. Marwa Salim Mohammad

marwa.ge.hum@uodiyala.edu.iq

8. Course Objectives

Course Objectives	nowledge of the basics and principles of weather and climate science and the
	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 climate |

measurements used in climate studies

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
-30	2	Theoretical and practical	sics of weather d climate science	scriptive and practical -	art rly and nal

11. Course Evaluation 20-20-60

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

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	sics of weather and climate science
Main references (sources)	**Professor Dr. Ali Abdel Zahra Al-Wael**
Recommended books and references (scientific journals, reports…)	**Noman Shehadeh - Ali Ahmed Ghanem**
Electronic References, Websites	WMO/ nasa.com www.power

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 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

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 Requirements/Skills (if applicable)	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.

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

Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills							Ethics
				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 Form

37.	Course Name:	
		Arid region
38.	Course Code:	
39.	Semester / Year:	
		2023/202...
40.	Description Preparation Date:	
		1/10/202...
41.Available Attendance Forms:		
42.Number of Credit Hours (Total) / Number of Units (Total)		
43.	Course administrator's name (mention all, if more than one name)	
	Name: Raghda Shamran Amanh...	
	Email: raghda1990sh@gmail.com	
44.	Course Objectives	
	Course Objectives	• **Definition of arid regions fo**r • **Students** ….. • **Understanding of the clim**ate ... **regions**….. • **Understanding of the** • **Geomorphology of arid reg**ons…
45.	Teaching and Learning Strategies	

| | Strategy | | Delivering lectures. Students preparing reports on the topic | | |

46. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
One Lecture er 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

47. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily prep ratio
daily oral, monthly, or written exams, report .... et

48. 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	

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	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.

63. Program Description

Year/Level	Course Code	Course Name	Credit Hours	
			theoretical	practical

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

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)	Number of the teaching staff	
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Professional Development

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69. **The most important sources of information about the program**
State briefly the sources of information about the program.

70. Program Development Plan

				Required program Learning outcomes											
Program Skills Outline															
				Knowledge				Skills							Ethics
Year/Level	**Course Code**	**Course Name**	**Basic or 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 Description Form

49.	Course Name:
	Geography of Africa and Australia

50.	Course Code:

51.	Semester / Year:
	2023-2024

52.	Description Preparation Date:
	1/10/2023

53.Available Attendance Forms:

54.Number of Credit Hours (Total) / Number of Units (Total
unite6hours 6 .

55.	Course administrator's name (mention all, if more than one name)
	Name: Omar Ghafil Hajji
	Email: omar.gev@uodiyala.edu.iq

56.	Course Objectives
Course Objectives	• he student knows what Geography Africa and Australia
	• • Known as branches of Geography Africa and Australia

57.	Teaching and Learning Strategies
Strategy	
	ng lectures, preparing reports by students on the subject, and conducting a visit

58. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
One In week	2	to be requester versed With concepts Related By ography of ica and Australia	eography of Africa And Australia	lecture Show video field visit	onthly exam Daily duty Presence Students d follow them r the lecture

59. Course Evaluation

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

60. Learning and Teaching Resources

Required textbooks (curricular books, if any)	

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
Recommended books and references (scientific journals, reports…)	
Electronic References, Websites	

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

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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		62		
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 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 Requirements/Skills (if applicable)	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

Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills							Ethics
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
2024 \2		Applied geomorphology	Basic												

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

Course Description Form

61.	Course Name: Applied geomorphology

62.	Course Code:

63.	Semester / Year: 2\2024

64.	Description Preparation Date: 16\3\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	• owledge of the basics and principles of applied geomorphology
	• dressing 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	

lightenment of the importance of land forms and their applications in various fields and human activities

70. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluatio n method
-30	2	Theoretical and practical	Applied geomorphology-	scriptive and practical -	art erly and nal

71. Course Evaluation 20-20-60

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

72. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Applied geomorphology Khalaf Al-Dulaimi 2018
Main references (sources)	plied geomorphology Taglub Garzis
Recommended books and references (scientific journals, reports…)	
Electronic References, Websites	

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**		**Special Requirements/Skills (if applicable)**	**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.

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

Program Skills Outline																
				Required program Learning outcomes												
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills							Ethics
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
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:

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	e geography of Africa is a study in terms of location, geology, ography, soil, water resources, population and human activities ated to economic aspects, as well as the study of the continent of Australia.

82. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
-30	2	Theoretical	ography of Africa and Australia -	descriptive	art erly and nal

83. Course Evaluation 20-20-60

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

84. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Mashhadani, Ibrahim Abdul-Jabbar nd Ahmed Najm Al-Din Fulaija, Sub-Saharan Africa, Baghdad University Press, Baghdad, 2010.
Main references (sources)	alaija, Ahmed Najm al-Din, Africa: General and Regional Study of its n-Arab Countries, Alexandria, 1980. Sabry, Salah, Africa Beyond the sert, European Renaissance Library, Cairo, 1990.
Recommended books and references (scientific	

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**
1. 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 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	Credit Hours	
			theoretical	practical

106. Expected learning outcomes of the program

	Knowledge
1- The student should discuss the importance of human rights. 2- To make a comparison between human rights in	Learning Outcomes Statement 1

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	
Developing students' deduction skills 2– Urging students to write reports 3– Developing students' analysis skills	Learning Outcomes Statement 2
	Learning Outcomes Statement 3
Ethics	
Strengthening the skills of observation, perception, analysis and deduction Self–development Linking the study material to reality	Learning Outcomes Statement 4

	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

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)	Number of the teaching staff	
	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. 2. 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.

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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

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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															
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills							Ethics
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
				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 Description Form

85. Course Name:	
	Human rights and democracy
86. Course Code:	
	HUR149
87. Semester / Year:	
	Academic year 2023−2024
88. Description Preparation Date:	
	20/3/2024
89.Available Attendance Forms:	
	Students
90.Number of Credit Hours (Total) / Number of Units (Total)	
	60
91. Course administrator's name (mention all, if more than one name)	
	Name: Ahmed Ali Mansour Email:
92. Course Objectives	

Course Objectives	
Giving students a complete idea about human rights and democracy. **Comparing human rights in ancient lizations, especially the Mesopotamian and Nile**	• ..... • ..... • .....

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 ciety through expressing one's opinion and participating in building the state.	

93. Teaching and Learning Strategies

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 Outcomes	Unit or subject name	Learning method	Evaluation method
00	00		urriculum ocabulary sequence	Lecture, iscussion and estioning	Monthly, uarterly d final ecialized tests

95. Course Evaluation

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

96. Learning and Teaching Resources

Required textbooks (curricular books, if any)	nan rights, democracy and public freedoms Maher Sabri Kazem
Main references (sources)	ad Aziz Hadi Human rights: their development - their contents - their protection
Recommended books and references (scientific journals, reports…)	ad Matar Al-Moussawi, human rights between globalization and Islam
Electronic References, Websites	Science Way Library, the New Library, and the comprehensive 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 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

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

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)	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.

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

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

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

Course Description 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) / Number of Units (Total
	hours 2 unite2

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

ng lectures, preparing reports by students on the subject, and conducting a visit

06. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
One In week	4	Introducing dents to what nsportation ography is d defining e branches of nsportation geography d the nefits of nsportation ography in life	Transport ography and iogeography	lecture Show video field visit	onthly exam Daily duty Presence Students d follow them r the lecture

107. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation,

	daily oral, monthly, or written exams, reports .... etc
108. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	geography Idris Sultan Saleh - Abdel bas Al-Ghurairah - Issam Abbas Babakir Karar - Al-Mutairi
Recommended 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 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.

133. Program Description

Year/Level	Course Code	Course Name	Credit 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 3	Learning Outcomes Statement 3
	Ethics
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

135. **Teaching and Learning Strategies**
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.

137. **Faculty**

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)	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.

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

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

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

Course Description Form

109.	Course Name:	
		Developmental psychology
110.	Course Code:	
111.	Semester / Year:	
		2023−2024
112.	Description Preparation Date:	
		1\10\2023 1\
113.	Available Attendance Forms:	
114.	Number of Credit Hours (Total) / Number of Units (Total)	
		2 hours for each division 3 people 6 hours 3 units
115.	Course administrator's name (mention all, if more than one name)	
		Name: alaa saeed hrath Email: lasyd358@gmail.com
116.	Course Objectives	
	Course Objectives	• **Introduces students to the nature developmental psychology** • **Understands the stages of hur developmen** • **Introduces students to their stage development**
117.	Teaching and Learning Strategies	
Strategy	muhadarat , tahdir taqarir min qibal altulaab hawl almawdue , munaqasha	

118. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
	6	e student st be niliar with concepts ated to velopmental	**velopmental psychology**	Lecture discussion the video esentation of theorist	monthly am and a daily quirement students attend d follow he lecture

119. Course Evaluation

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

120. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	velopmental Psychology, Zahran, mid Abdel Salam, World of Books, velopmental Psychology, Ibrahim, souma Ahmed, Nobel Library Publishing House, Kuwait 2005

Recommended books and references (scientific journals, reports…)	
Electronic References, Websites	

141. Program Vision

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 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.

147.Program Description

Year/Level	Course Code	Course Name	Credit Hours	
			theoretical	practical

148. 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

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			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.

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	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	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

121.	Course Name: Applied cliamatology

122.	Course Code:

123.	Semester / Year:

2023-2024

124.	Description Preparation Date:

/10/2023

125.	Available Attendance Forms:

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

8 hours   8 units

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

Name: Dr. Khaled Noman Muhammad Al-Hamdani
Email: khalid.ge.hum@uodiyala.edu.iq

128.	Course Objectives

Course Objectives	1– **Familiarize students with the continent of Asia**
	2– **You know him in Europe**
	3–**The importance of studying the geography** **Eurasia**

129.	Teaching and Learning Strategies

Strategy	
	Giving lectures and preparing reports by students on the subject

130. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
Four lecture per week	8	To be the student Familiar with related concepts Geography Eurasia	Geography Eurasia	a lecture Show vid visit	onthly exam Daily duty Presence Students And follow them For the lecture

131. Course Evaluation	
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports .... etc	

132. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	The Geography of Eurasia book: A study in geograph General and regional Author: Hashem Khudair Al-Janabi
Recommended books and references (scientific journals, reports…)	
Electronic References, Websites	

15.	**Program Vision**
	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				

* 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		Special Requirements/Skills (if applicable)	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

Program Skills Outline																
				Required program Learning outcomes												
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills							Ethics
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
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)
	Name khlood Ali.Hadi.khlood.ge.@uodiyala.edu.iq

20.	Course Objectives

Course Objectives	y
	land form
	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

22. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluatio n method
-30	2	Theoretical and practical	aplied of map-	scriptive and practical -	art erly and nal

23. Course Evaluation 20-20-60

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)	Applied of basic.map 2012
Main references (sources)	Applied of map
Recommended books and references (scientific journals, reports…)	
Electronic References, Websites	

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

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

157.	**Program Objectives**
	General statements describing what the program or institution intends to achieve.

158.	**Program Accreditation**
	Does the program have program accreditation? And from which 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				

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

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**

Faculty Members					
Academic Rank	**Specialization**		**Special Requirements/Skills (if applicable)**	**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.

166. **Acceptance Criterion**
(Setting regulations related to enrollment in the college or institute, whether 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																
				Required program Learning outcomes												
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills							Ethics
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
second stag 2023-2024				*	*	*	*	*	*	*	*	*	*	*	*

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

Course Description Form

133.	Course Name:
	Geography population

134.	Course Code:

135.	Semester / Year:
	2023-2024

136.	Description Preparation Date:
	1/10/2023

137.	Available Attendance Forms:

138.	Number of Credit Hours (Total) / Number of Units (Total
	2hours 2 unite

139.	Course administrator's name (mention all, if more than one name)
	Name: Omar Ghafil Hajji Email: omar.gev@uodiyala.edu.iq

140.	Course Objectives	
	Course Objectives	• **he student knows what geogra** **population** • **• Known as branches of geogra** **population** • **The importance of study** **Geography**

141.	Teaching and Learning Strategies

	Strategy					

ng lectures, preparing reports by students on the subject, and conducting a visit

42. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
One In week	2	to be requester versed With concepts Related population **geography**	**ocial geography**	lecture Show video field visit	onthly exam Daily duty Presence Students d follow them r the lecture

143. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation,

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

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

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

171. **Program Objectives**
General statements describing what the program or institution intends to achieve.

172. **Program Accreditation**
Does the program have program accreditation? And from which 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				

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

175. Program Description

Year/Level	Course Code	Course Name	Credit Hours	
			theoretical	practical

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

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)	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.

180. **Acceptance Criterion**
(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															
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills							Ethics
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
Three stag 2023/2024		Hydrologic al		-	-	-	-	-	-	-	-				

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

Course Description Form

145.	Course Name:
	Hydrological

146.	Course Code:

147.	Semester / Year:
	2023/2024

148.	Description Preparation Date:
	1/10/2023

149.	Available Attendance Forms:

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

151.	Course administrator's name (mention all, if more than one name)
	Name: Raghda Shamran Amanh
	Email: raghda1990sh@gmail.com

152.	Course Objectives

Course Objectives	• Introducing stunts to the
	• Importance of hydrological
	•
	• The student recognizes
	• The importance of hydrologic
	• And methods of measurement
	• And estimation
	•
	• He knows the importance of

	• **Relying on advanced scientif**
	• **Technologies** ..
	• .....
	• .....

153. Teaching and Learning Strategies

Strategy	livering lectures. Students preparing reports on the topic

154. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation met
One ctu per ek		For the Student To be Familiar With the Concepts Related To the drological	hydrological	Lecture Video presentation	Month Exam Daily Assignments Student Attendance And Their Participation In lectures

155. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports …. etc

156. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
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	

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

184.	**Program Mission**
	Program mission is written here as stated in the university's catalogue 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		144		
College Requirements				
Department Requirements				
Summer Training				
Other				

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

189. Program Description

Year/Level	Course Code	Course Name	Credit Hours	
			theoretical	practical

190.   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

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

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)	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.

194. **Acceptance Criterion**
(Setting regulations related to enrollment in the college or institute, whether 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															
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills							Ethics
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
Second stag 2023-2024				*	*	*	*	*	*	*	*	*	*	*	*

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

Course Description Form

157.	Course Name: Geotechniques

158.	Course Code:

159.	Semester / Year:
	2023-2024

160.	Description Preparation Date:
	16/3/2024

161.	Available Attendance Forms:

162.	Number of Credit Hours (Total) / Number of Units (Total
	hours 2 unite2

163.	Course administrator's name (mention all, if more than one name)
	Name: ALI ABDULKAREEM SALEH Email: lbdalkrymsalh75@gmail.com

164. Course Objectives

Course Objectives	• **Knowing the basics and principles of geographical technologies and addressing the most important foundations of building geographical technologies and their modern applications in the classroom.**

165. Teaching and Learning Strategies

Strategy	
	...erest in modern geographic techniques in various human fields

| | | | | | and activities. |

66. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
One In week	2	Theoretical and practical	Geotechniques	Descriptive and practical	Semester and final

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

Required textbooks (curricular books, if any)	
Main references (sources)	a. Dr.. Iyad Ashour Al-Taie, A. M. Dr.. Thaer Mazhar, Modern Techniques in Geography.
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

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

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

199. **Program Objectives**
General statements describing what the program or institution intends to achieve.

200. **Program Accreditation**
Does the program have program accreditation? And from which agency?

201. **Other external influences**
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 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

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

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

207. Faculty

Faculty Members					
Academic Rank	Specialization		Special Requirements/Skills (if applicable)	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.

208. **Acceptance Criterion**
(Setting regulations related to enrollment in the college or institute, whether central admission or others)

209. **The most important sources of information about the program**
State briefly the sources of information about the program.

210.   Program Development Plan

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

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

Course Description Form

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 of Units (Total
	hours 2 unite2

175.	Course administrator's name (mention all, if more than one name)
	Name: AZHAR SALMAN HADI Nahla Wathiq mahmod

Email: dr.azharslman@gmail.com   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

| | Strategy | ng lectures, preparing reports by students on the subject, and conducting a visit |

78. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
One In week	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. Course Evaluation

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

180. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	Saheb Talib Al-Musawi, Abdul Hassan dfoun Abu Rahil, Applied matology, Dar Al-Diyaa Printing, jaf, 2011 ---- Ali Hassan Musa Applied mate, Arab Community Publishing d Distribution Library, Amman, 2015 -- Applied Climatology, Salam Hatf Ahmed,
Recommended books and references (scientific journals, reports…)	
Electronic References, Websites	

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

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

213. **Program Objectives**
General statements describing what the program or institution intends 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 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.

217.Program Description

Year/Level	Course Code	Course Name	Credit Hours	
			theoretical	practical

218. 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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219. Teaching and Learning Strategies

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

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220. Evaluation methods

Implemented at all stages of the program in general.

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221. Faculty

	Faculty Members				
Academic Rank	**Specialization**		**Special Requirements/Skills (if applicable)**	**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.

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

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

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

Course Description Form

181.	Course Name:	
		Hydrological

182.	Course Code:	

183.	Semester / Year:	
		2023/2024

184.	Description Preparation Date:	
		1/10/2023

185.	Available Attendance Forms:	

186.	Number of Credit Hours (Total) / Number of Units (Total)	
		6hours / 6 unite

187.	Course administrator's name (mention all, if more than one name)
	Name; sahad shalash khalaf suhad.ge.hum@uodiyala.edu.iq
	Name ; Ahmed Talal Akram tlalakrma@gmail.com

188.	Course Objectives	
	Course Objectives	• **Introducing stunts to the**
		• **Importance of hydrological**
		•
		• **The student recognizes**
		• **The importance of hydrologic**
		• **And methods of measuremen**
		• **And estimation**
		•
		• **He knows the importance of**
		• **Relying on advanced scientif**

		Technologies ..
		.....
		.....

189. Teaching and Learning Strategies

Strategy	livering lectures. Students preparing reports on the topic

190. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation met
One lectu per week	hours	For the Student To be Familiar With the Concepts Related To the drological	hydrological	Lecture Video presentation	Month Exam Daily Assignments Student Attendance And Their Participation In lectures

191. Course Evaluation

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

192. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
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	

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 Structure**

Program Structure	Number of	Credit hours	Percentage	Reviews*

	Courses			
Institution Requirements				
College Requirements				
Department Requirements				
Summer Training				
Other				

<p align="right">❋ This can include notes whether the course is basic or optional.</p>

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

232.	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

233. Teaching and Learning Strategies

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

Faculty Members					
Academic Rank	Specialization		Special Requirements/Skills (if applicable)	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.

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

				Required program Learning outcomes											
Program Skills Outline															
Year/Level	**Course Code**	**Course Name**	**Basic or optional**	Knowledge				Skills							Ethics
				A1	**A2**	**A3**	**A4**	**B1**	**B2**	**B3**	**B4**	**C1**	**C2**	**C3**	**C4**
2023-2024 / Fourth stage		Geographic statistics and modeling	**optional**	√	√	√	√	√	√	√	√	√	√	√	√

- **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 thods and methods and how to ly them in geographical research.
	e nature of geographical data
	ulation and graphical resentation are measures of

		central tendency
		asures of dispersion and spatial averaging
		Samples and links.

201. Teaching and Learning Strategies

| Strategy | Using several teaching methods, including lecture, discussion, field visits, and practical 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 |
|---|---|

202. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
From the week		Identify the most important components, uses and benefits of geographic in daily life

stinguish between ar and cadastral data and triangular | finition of tistics and its importance

e nature of eographic data

ographic data sources

Scheduling

Regular tables

equency tables

Graphical representation | | -Exam
- Reports related to the subject matter of the article |

			ctangle and bar graphs		
			Histogram, rve, and rative polygon		
			asurement of ntral tendency		
			SMA		
			Mediator		
			Loom		
			asures of dispersion		
			nge and deviation		Exam
			Variance and standard deviation		-Reports
			Measures of central tendency for spatial distributions		

			Dispersion measures for spatial distributions		
			Standard distance		
			Link		
			The relationship between variables		
			Pearson correlation		

				coefficient		
				Spearman correlation coefficient		Exam
						ractical tests on 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 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.

204. Learning and Teaching Resources

Required textbooks (curricular books, if any)	ctures on geographical statistics, itten by Assistant Professor Dr. eed Fadel Ahmed, University of yala / College of Education for Human Sciences 2020
Main references (sources)	man Shehada / Quantitative Methods in Geography idar Khalil Al-Omar/Geographic Statistics dul Razzaq Al-Butaihi / Geographic Statistics

Recommended books and references (scientific journals, reports…)	
Electronic References, 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 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.

245. Program Description

Year/Level	Course Code	Course Name	Credit 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

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

247. **Teaching and Learning Strategies**
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.

249. **Faculty**					
Faculty Members					
Academic Rank	**Specialization**		**Special Requirements/Skills (if applicable)**	**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.

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

Program Skills Outline															
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills							Ethics
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
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:

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 name)
	Name: dr. asmaa abed alameer khlifa
	Email: asmaa.gev@uodiyala.edu.iq

212.	Course Objectives

Course Objectives	• **Introducing students to natural resources and their relationship to geography**
	• **Study the most important natural resources, the forms in which they are found in nature, and how to exploit them**
	• **Study the most important nature**

		resources available in Iraq ... the Arab world and exploit th... economically while preserv... their sustainability for fut... generations.

213.   Teaching and Learning Strategies

Strategy	Giving lectures. Preparing reports by students on the topic

214. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
...ecture ...weekly	...ours a week	...e student must be ...miliar with the ...dy material in all details through ...owledge of ...tural resources ...d their geographical distribution	Natural Resources	...ing the lecture ...thod with ...nterrogation ...d using the available ...ching aids: blackboards and maps	Monthly ...ms, daily assignments and attendance

215. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as

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

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

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

255.	**Program Objectives**
	General statements describing what the program or institution intends to achieve.

256.	**Program Accreditation**
	Does the program have program accreditation? And from which agency?

257.	**Other external influences**
	Is there a sponsor for the program?

258. 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.

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

261. **Teaching 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.

263. **Faculty**

Faculty Members					
Academic Rank	**Specialization**		**Special Requirements/Skills (if applicable)**	**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.

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

Program Skills Outline															
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills							Ethics
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
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:
	————

219.	Semester / Year:
	Annual

220.	Description Preparation Date:
	15–3–2023–2024

221.	Available Attendance Forms:
	Third stage students - in attendance

222.	Number of Credit Hours (Total) / Number of Units (Total)
	60 hours, 2 hours for each section Number of units – 2 units

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

Name : thikra adel Mahmoud   M. M. Nawares Abdel Moneim Abdullah Rashid

Email: thakra.ada@gmial.com   rfyfmr31@gmail.com

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 tionship 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
	o be interested in studying scientific material

	in the field of tourism geography
	• Introducing the importance of scientific terial and the most important pioneers in the ld of studying natural and human geography and the importance of their scientific ideas
	• Giving opinions on some wrong matters in the education and science process
	ctive participation during the lecture through rposeful questions with the aim of obtaining information.
	articipate in various activities that develop dents' skills towards introducing the subject in a practical way.

225. Teaching and Learning Strategies

Strategy	1- Using the descriptive method and then presenting the material (lecturer
	2- Using educational tools such as maps, models, pictures, etc.
	Presenting PowerPoint, pictures, and using the computer.

226. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
			e concept of	through -	- Daily oral

the week	2	Students' owledge of the lesson topic Understanding not the sibility of transferring ormation and scientific owledge about subject to others	tourism	- Giving the lecture terrogation - Use electronic offers - entification forms	nd written tests - Attending and rticipating the lecture Providing oorts and search in e field of scientific material
the first					
second week VIII The tenth	2	Students' owledge of the lesson topic Understanding not the sibility of transferring ormation and scientific owledge about subject to others	e concept of arism and tourist movement	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral nd written tests - Attending and rticipating the lecture Providing eports and research in the field of scientific material

the third	2	Students' knowledge of the lesson topic	e importance of tourism	through -	- Daily oral and written tests
	2	Understanding not the possibility of transferring information and scientific knowledge about subject to others		- Giving the lecture interrogation - Use electronic offers - entification forms	Attending and participating the lecture Providing reports and research in the field of scientific material
the week the fourth	2	Students' knowledge of the lesson topic	velopment of tourism movement -1	through - - Giving the lecture interrogation - Use electronic offers	- Daily oral and written tests - Attending and participating the lecture
	2	Understanding not the possibility of transferring information and scientific knowledge about subject to others		- entification forms	Providing reports and research in the field of scientific material

the week the Fifth	2 2	Students' owledge of the lesson topic Understanding not the sibility of transferring ormation and scientific owledge about subject to others	iges of velopment of tourism movement	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral nd written tests - Attending and rticipating the lecture Providing eports and research in the field of scientific material
Seventh sixth	2 2 2	Students' owledge of the lesson topic Understanding not the sibility of transferring ormation and scientific owledge about subject to others	e concept of tourism geography	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral nd written tests - Attending and rticipating the lecture Providing eports and research in the field of

Week		Learning outcomes	Topic name	Teaching methods	Evaluation methods
					scientific material
week for the seventh	2	2 Students' knowledge of the lesson topic - Understanding not the ssibility of transferring rmation and scientific wledge about subject to others	e relationship tween tourism and geography	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral nd written tests - Attending and rticipating the lecture Providing eports and research in the field of scientific material
e eighth week	2	Students' wledge of the lesson topic Understanding not the ssibility of transferring rmation and scientific	cient tourism tterns - Part 1	through - - Giving the lecture terrogation - Use electronic offers	- Daily oral nd written tests - Attending and rticipating the lecture Providing

the week				through -	- eports and
	2	wledge about subject to others		entification forms	esearch in the field of scientific material
the week the Ninth	2	Students' wledge of the lesson topic Understanding not the ssibility of transferring ormation and scientific wledge about subject to others	cient tourism tterns - Part 2	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral nd written tests - Attending and rticipating the lecture Providing eports and research in the field of scientific material
	2				
he tenth week	2	Students' wledge of the lesson topic Understanding not the	Modern tourism tterns - Part 1	through - - Giving the lecture terrogation - Use	- Daily oral nd written tests - Attending and rticipating

	2	ssibility of transferring ormation and scientific owledge about subject to others		electronic offers - entification forms	the lecture Providing eports and research in the field of scientific material
The eleventh week	2 2	Students' owledge of the lesson topic Understanding not the ssibility of transferring ormation and scientific owledge about subject to others	Modern tourism tterns - Part 2	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral nd written tests - Attending and rticipating the lecture Providing eports and research in the field of scientific material
The twelfth	2	Students' owledge of the	tural components tourist attraction -	through - - Giving the	- Daily oral nd written

week	2	lesson topic	...ographical location	lecture	tests
	2	Understanding not the ...ssibility of transferring ...ormation and scientific ...owledge about subject to others		...terrogation - Use electronic offers - ...entification forms	- Attending and ...rticipating the lecture - Providing ...eports and ...research in the field of scientific material
the ...irteenth week	2 2	Students' ...owledge of the lesson topic Understanding not the ...ssibility of transferring ...ormation and scientific ...owledge about subject to others	...e natural ...mponents of tourist attraction ...lude water ...ources and ...natural plants	through - - Giving the lecture ...terrogation - Use electronic offers - ...entification forms	- Daily oral ...nd written tests - Attending and ...rticipating the lecture - Providing ...eports and ...research in the field of scientific material

				through -	- Daily oral
The fourteenth week	2	Students' knowledge of the lesson topic Understanding not the possibility of transferring information and scientific knowledge about subject to others	Natural elements of tourist attraction landforms – soil	- Giving the lecture interrogation - Use electronic offers - identification forms	and written tests - Attending and participating the lecture Providing reports and research in the field of scientific material
The fifteenth week	2 2	Students' knowledge of the lesson topic Understanding not the possibility of transferring information and scientific knowledge about subject to others	Natural components of tourist attraction – climate	through - - Giving the lecture interrogation - Use electronic offers - identification forms	- Daily oral and written tests - Attending and participating the lecture Providing reports and research in the field of scientific material

Week		Learning outcomes	Topic	Teaching methods	Evaluation
The sixteenth week	2	Students' knowledge of the lesson topic - Understanding not the possibility of transferring information and scientific knowledge about subject to others	Human components of tourist attraction - population	through - - Giving the lecture - interrogation - Use electronic offers - identification forms	- Daily oral and written tests - Attending and participating in the lecture - Providing reports and research in the field of scientific material
The seventeenth week	2	2	Students' knowledge of the lesson topic - Understanding not the possibility of transferring information and scientific knowledge about subject to others	Human components of tourist attraction - archaeological, historical and urban areas	through - - Giving the lecture - interrogation - Use electronic offers - identification forms	- Daily oral and written tests - Attending and participating in the lecture - Providing reports and research in the field of scientific

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

Week		Students' knowledge	Topic	Teaching method	Assessment
		subject to others		forms	the field of scientific material
The twentieth week	2	2	Students' owledge of the lesson topic Understanding not the ssibility of transferring ormation and scientific owledge about subject to others	sitive effects of tourism	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral nd written tests - Attending and rticipating the lecture Providing eports and esearch in the field of scientific material
Twenty-first week	2		Students' owledge of the lesson topic Understanding not the ssibility of	gative effects of tourism	through - - Giving the lecture terrogation - Use electronic	- Daily oral nd written tests - Attending and rticipating

Week	Hours	Learning outcomes	Topic	Teaching methods	Assessment methods
	2	transferring [inf]ormation and scientific [kno]wledge about subject to others		offers - [id]entification forms	the lecture - Providing [r]eports and research in the field of scientific material
The twenty-second week	2	Students' [kn]owledge of the lesson topic - [U]nderstanding not the [pos]sibility of transferring [inf]ormation and scientific [kno]wledge about subject to others	Tourism [pla]nning - tourism development	through - - Giving the lecture [in]terrogation - Use electronic offers - [id]entification forms	- Daily oral [a]nd written tests - Attending and [pa]rticipating the lecture - Providing [r]eports and research in the field of scientific material
The twenty-third week	2	Students' [kn]owledge of the	[so]me types of [to]urism – ecotourism	through - - Giving the lecture	- Daily oral [a]nd written tests

	2	lesson topic Understanding not the possibility of transferring information and scientific knowledge about subject to others		terrogation - Use electronic offers - entification forms	Attending and participating the lecture Providing reports and research in the field of scientific material
The twenty-fourth week	2 2	Students' knowledge of the lesson topic Understanding not the possibility of transferring information and scientific knowledge about subject to others	me types of urism - religious tourism	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral and written tests - Attending and participating the lecture Providing reports and research in the field of scientific material

e twenty-fifth week	2	Students' nowledge of the lesson topic Understanding not the ssibility of transferring ormation and scientific owledge about subject to others	Religious urism in the ngdom of Saudi Arabia	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral nd written tests - Attending and rticipating the lecture Providing eports and research in the field of scientific material
	2				
Twenty-sixth week	2	Students' nowledge of the lesson topic Understanding not the ssibility of transferring ormation and scientific owledge about subject to others	me types of urism - religious tourism in Iraq	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral nd written tests - Attending and rticipating the lecture Providing eports and research in the field of scientific material
	2				

The twenty-seventh week	2	2	Students' owledge of the lesson topic Understanding not the ssibility of transferring ormation and scientific owledge about subject to others	e importance of as and oceans in the vement of human es, waves and ocean currents	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral nd written tests - Attending and rticipating the lecture - Providing eports and esearch in the field of scientific material
The twenty-eighth week	2	2	Students' owledge of the lesson topic Understanding not the sibility of transferring ormation and scientific owledge about subject to others	Geographical tribution of ternational tourism	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral nd written tests - Attending and rticipating the lecture - Providing eports and esearch in the field of scientific

					material
The twenty-ninth week	2	2	Students' [kn]owledge of the lesson topic [U]nderstanding not the [pos]sibility of transferring [inf]ormation and scientific [kn]owledge about subject to others	[Ex]periences in [in]ternational tourism	through - - Giving the lecture [In]terrogation - Use electronic offers - [Id]entification forms	- Daily oral [a]nd written tests - Attending and [pa]rticipating the lecture [-] Providing [r]eports and [r]esearch in the field of scientific material
The thirtieth week	2		Students' [kn]owledge of the lesson topic [U]nderstanding not the [pos]sibility of transferring [inf]ormation and scientific [kn]owledge about	Tourism in Iraq	through - - Giving the lecture [In]terrogation - Use electronic offers - [Id]entification	- Daily oral [a]nd written tests - Attending and [pa]rticipating the lecture [-] Providing [r]eports and [r]esearch in

		subject to others			forms	the field of scientific material

227. 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

Daily oral and written tests - and students' actual participation in lectures, activities, research and reports

Monthly exams 20% Semester exams 40% Final exams 60%

228. Learning and Teaching Resources

Required textbooks (curricular books, if any)	arzouq Ayed Al-Qaid, Barakat amel, and others, Principles of ourism, Ithraa Publishing and stribution, University Library, 1st edition, Amman, 2010.
	uhammad Sobhi Abdel Hakim and Hamdi Ahmed Al-Deeb, ography of Tourism, Egyptian Anglo Library, Egypt, 2012.
	arakat Kamel Al-Nimr Al-hairat, Tourism Geography ourist Regions in the World), t edition, Al-Warraq blishing and Distribution, Amman, Jordan, 2011.

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, ethodological 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 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.

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 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

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	**Specialization**		**Special Requirements/Skills (if applicable)**		**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.

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															
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills							Ethics
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
2024 \2		Applied yofthemati. map	Basic												

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

Course Description Form

25.	Course Name: Microclimatology

26.	Course Code:

27.	Semester / Year: 2\2024

28.	Description Preparation Date: 16\3\2024

29.Available Attendance Forms:

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

31.	Course administrator's name (mention all, if more than one name)
	Teacher Dr. Marwa Salim Mohammad
	marwa.ge.hum@uodiyala.edu.iq

32.	Course Objectives	
Course Objectives	Knowledge of the basics and principles of detailed climatology	
	dressing the factors controlling the harsh climate in the classroom	

33.	Teaching and Learning Strategies	
Strategy	Knowledge of the basics and principles of detailed climatology	
	Addressing the factors controlling the harsh climate in the classroom	

34. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluatio n method
-30	2	Theoretical and practical	Microclimatology	scriptive and practical -	art rly and nal

35. Course Evaluation 20−20−60

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports …. etc

36. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Microclimatology
Main references (sources)	f. Dr. Salam, phone: Ahmed Al-Jubouri/Ahmed Saee Hadid and other
Recommended books and references (scientific journals, reports…)	**Noman Shehadeh - Ali Ahmed Ghanen**
Electronic References, Websites	WWISموقع world weather

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	Credit Hours	
			theoretical	practical

274. 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

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

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)	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.

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

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

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

Course Description Form

229.	Course Name:	
		Detailed Climat

230.	Course Code:	

231.	Semester / Year:	
		2023/202

232.	Description Preparation Date:	
		16/1/202

233.	Available Attendance Forms:	

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

235.	Course administrator's name (mention all, if more than one name)	
	Name: Raghda Shamran Amanh	
	Email: raghda1990sh@gmail.com	

236.	Course Objectives	
	Course Objectives	**Knowledge of the basics and principles**
		detailed climatolog
		dressing the factors controlling the hars
		climate in the classroom..

237.	Teaching and Learning Strategies	

	Strategy	
		...ight into the importance of detailed climate and climate metrics used in climate studies

238. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
		...heoretical and practical	Detailed climate	Descriptive ...d practical	In Semester ...d final

239. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, dai... oral, monthly, or written exams, report .... et...

240. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Detailed climate
Main references (sources)	Prof. Dr. Salam, hatf...
Recommended books and references (scientific journals, reports…)	
Electronic References, Websites	WWIS world weather website

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

282. **Program Mission**
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.

284. **Program Accreditation**
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	Course Code	Course Name	Credit Hours	
			theoretical	practical

288.	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

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

Faculty Members					
Academic Rank	Specialization		Special Requirements/Skills (if applicable)	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.

292. **Acceptance Criterion**
(Setting regulations related to enrollment in the college or institute, whether central admission or others)

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																
				Required program Learning outcomes												
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills							Ethics
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4

- **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 Preparation Date:	
		1/9/2023

245.	Available Attendance Forms:	

246.	Number of Credit Hours (Total) / Number of Units (Total)	
		8

247.	Course administrator's name (mention all, if more than one name)	
		Name: may thamer ragab
		Email: may.ge.hum@uodiyala.edu.iq

248.	Course Objectives	
	Course Objectives	• Studying the geography of industry …..
		• …..Explaining the factors behind
		• ….. the establishment of industry

249.	Teaching and Learning Strategies	
Strategy		

250. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

251. Course Evaluation

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

252. Learning and Teaching Resources

Required textbooks (curricular books, if any)	dul Zahra Ali Al-Janabi, Industrial ography, Dar Safaa for Publishing and Distribution, 1st edition, 2013

hammad Azhar Al-Sammak and bas Al-Tamimi, Geography of Industry and its Applications, |
| Main references (sources) | hammad 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 Innovation in Developed Countries, Al-Dar Al-Methodology - Cairo
Electronic References, Websites	https;///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 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.

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

303. **Teaching and Learning Strategies**
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

Faculty Members					
Academic Rank	**Specialization**		**Special Requirements/Skills (if applicable)**	**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.

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															
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills							Ethics
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
2023 – 2024 third stage		natural resources	basic	-	-	-	-	-	-	-	-				

- **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 (mention all, if more than one name)
	Name: assistant teacher. Younus Mahdi saleh
	Email: younus.gev.hum@uodiyala.edu.iq
260.	Course Objectives

Course Objectives	• Introducing students to natural resources and their relationship to geography
	• Study the most important natural resources, the forms in which they are found in nature, and how to exploit them
	• Study the most important natural

	resources available in Iraq a... the Arab world and exploit th... economically while preserv... their sustainability for fut... generations.

261. Teaching and Learning Strategies

Strategy	Giving lectures. Preparing reports by students on the topic

262. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
...ecture weekly	...ours a week	...e student must be ...miliar with the ...dy material in all details through ...owledge of ...tural resources ...d their geographical distribution	Natural Resources	...ing the lecture ...thod with ...nterrogation ...d using the available ...ching aids: blackboards and maps	Monthly ...ms, daily assignments and attendance

263. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as

	daily preparation, daily oral, monthly, or written exams, reports .... etc
264. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	سلام هاتف احمد الجبوري، الموارد الطبية 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		253		
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	Specialization		Special Requirements/Skills (if applicable)	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.

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

				Required program Learning outcomes											
				Knowledge				Skills							Ethics
Year/Level	Course Code	Course Name	Basic or optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
2023-2024 / Fourth stage	Basic	Geographic thought		√	√	√	√	√	√	√	√	√	√	√	√

Program Skills Outline

- **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) / Number of Units (Total)
	-Credit Hours (60) - Number of Units (90)
271.	Course administrator's name (mention all, if more than one name)
	Name: Dr. Husam Najem aldein Abd Email: husamnagm5@gmail.com
272.	Course Objectives

Course Objectives	**A1- Knows the concept of Geographic**
	A2- Identifies the most important components of Geographic
	A3- Classifies the most important types of geographical data
	A4- Distinguish between types of geographical phenomena

<table>
<tr><td></td><td>

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.……
</td></tr>
</table>

273.	Teaching and Learning Strategies
Strategy	Using several teaching methods, including lecture, discussion, field visits, and practical 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		

274. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
From the week		Identify the most important components, uses and benefits of geographic in daily life stinguish between ear and cadastral data and triangular	hat is geographical thought -The beginning of geographical thought -Iraqi civilization -Egyptian civilization -Chinese civilization -Phoenician civilization -Iran civilization -Roman Civilization - Greek civilization -Figures of		-Exam - Reports related to the subject matter of the article

			geographical thought		Exam -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 Islamic thought		Exam ractical tests on ata entry devices
			-Modern geography		
			-geographic schools		
			-Arab schools		
			- geographic research methods		
			- geographical discoveries		
			–Geographical		

			detection factors - Geographical detection problems - Geographical thought the talk		

275. 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.

276. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	
Recommended books and references (scientific journals, reports…)	- Arab Journal of Geographical Studies - Arab Journal of Geographic
Electronic References, Websites	- Esri website, which specializes in geographic software - https://www.esri.com/ - Arab Forum for Geographic

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	Credit Hours	
			theoretical	practical

330.	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

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

	Faculty Members				
Academic Rank	Specialization		Special Requirements/Skills (if applicable)	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.

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

Program Skills Outline																
				Required program Learning outcomes												
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills							Ethics
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
2023-2024 Fourth stage		Measurement and evaluation	secondary	-	-	-	-	-	-	-	-				

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

Course Description Form

277.	Course Name:
	Measurement and evaluation

278.	Course Code:

279.	Semester / Year:
	2023–2024

280.	Description Preparation Date:
	1\10\2023 1\

281.	Available Attendance Forms:

282.	Number of Credit Hours (Total) / Number of Units (Total)
	2 hours for each division 3 people 6 hours 3 units

283.	Course administrator's name (mention all, if more than one name)
	Name: alaa saeed hrath
	Email: lasyd358@gmail.com

284.	Course Objectives
Course Objectives	• **Students know the nature measurement and evaluation** • **Students understand the levels educational objectives a understand** • **the construction of tests**

285.	Teaching and Learning Strategies
Strategy	muhadarat , tahdir taqarir min qibal altulaab hawl almawdue

, munaqasha

286. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
	5	e student ust be niliar with e concepts d topics ated to easurement and evaluation	**Measurement nd evaluation**	Lecture iscussion the video esentatio	monthly am and a daily quirement students attend d follow he lecture

287. 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

288. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	eh, Ahmed, measurement and

	aluation in the educational process
Recommended books and references (scientific journals, reports…)	271
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 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.

343. Program Description

Year/Level	Course Code	Course Name	Credit 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	Specialization		Special Requirements/Skills (if applicable)	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.

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

				Required program Learning outcomes											
				Knowledge				Skills							Ethics
Year/Level	Course Code	Course Name	Basic or optional	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
2023 – 2024 third stage		Developpe mement planificati on	basic	-	-	-	-	-	-	-	-				

Program Skills Outline

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

Course Description Form

289.	Course Name:
	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

296.	Course Objectives
Course Objectives	dying the importance of development planning knowing the most important jects approved in Iraq and trackink elopment projects and their successes in Iraq55566

297.	Teaching and Learning Strategies

Strategy	Giving lectures. Preparing reports by students on the topic

298. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
ecture weekly	ours a week	e student must be niliar with the dy material in all details through owledge of veloppement et nificacation ces d their geographical distribution	Natural Resources	ing the lecture ethod with nterrogation d using the available ching aids: blackboards and maps	Monthly ams, daily assignments and attendance

299. Course Evaluation

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

300. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	666
Recommended books and references	

(scientific journals, reports…)	
Electronic References, Websites	

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	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

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

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

1. Course Name: Applied cliamatology

2. Course Code:

3. Semester / Year:
2023-2024

4. Description Preparation Date:
/10/2023

5. Available Attendance Forms:

6. Number of Credit Hours (Total) / Number of Units (Total
   4 hours   4 units

7. Course administrator's name (mention all, if more than one name)
   Name: Dr. Khaled Noman Muhammad Al-Hamdani
   Email: khalid.ge.hum@uodiyala.edu.iq

8. Course Objectives

Course Objectives	1-Introducing students to the concept of environm
	2-Knowledge of pollution and its effects on the environment
	3-The importance of studying environme geography and pollution

9. Teaching and Learning Strategies

| Strategy | Giving lectures and preparing reports by students on the subject |

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
FOR In week	4	To be the student Familiar with related concepts Environmental geography And	Environmen geography a pollution	a lecture Show vid visit	onthly exam Daily duty Presence Students And follow them For the lecture

		pollution			

11. Course Evaluation

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

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	Environmental geography and pollution boo
Recommended books and references (scientific journals, reports…)	
Electronic References, Websites	

15.	**Program Vision**
	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				

* 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		Special Requirements/Skills (if applicable)	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

Program Skills Outline															
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills							Ethics
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
Annual - fourth	---	Geography of seas and oceans	Basic	●	●	●	●	●	●	●	●	●	●	●	●

- **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) / Number of Units (Total)
60 hours, 2 hours for each section
Number of units – 2 units

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

Name : thikra adel Mahmoud   Email: thakra.ada@gmial.com

79sahlim@gmail.comM. Suha salim Ali

M. M. Khaldoun Rahman Alwan   nsym1983@gmail.co

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 ocean geography
	• Introducing the importance of scientific terial and the most important pioneers in the ld of studying natural and human geography nd the importance of their scientific opinions
	• Giving opinions on some wrong matters in the education and science process
	ctive participation during the lecture through rposeful questions with the aim of obtaining information.
	articipate in various activities that develop dents' skills towards introducing the subject in a practical way.

21.	Teaching and Learning Strategies
Strategy	1- Using the descriptive method and then presenting the material (lecturer

2- Using educational tools such as maps, models, pictures, etc.

Presenting PowerPoint, pictures, and using the computer. |

22. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

the week					
the first	2	Students' owledge of the lesson topic Understanding not the ssibility of transferring ormation and scientific owledge about subject to others	e concept of ography of as and oceans	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral nd written tests - Attending and rticipating the lecture Providing orts and search in field of scientific material
second week	2	Students' owledge of the lesson topic Understanding not the ssibility of transferring ormation and scientific owledge about subject to others	Scientific finition of as and oceans.	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral nd written tests - Attending and rticipating the lecture Providing eports and research in the field of scientific material

the third	2 2	Students' owledge of the lesson topic Understanding not the sibility of transferring rmation and scientific owledge about subject to others	e beginning the geographical ploration of e seas and oceans	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral nd written tests - Attending and rticipating the lecture - Providing eports and research in the field of scientific material
the week the fourth	2 2	Students' owledge of the lesson topic Understanding not the ssibility of transferring rmation and scientific owledge about subject to others	oup trips of international nature	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral nd written tests - Attending and rticipating the lecture - Providing eports and research in the field of scientific

					material
the week the Fifth	2 2	Students' owledge of the lesson topic Understanding not the ssibility of transferring rmation and scientific owledge about subject to others	eories of the gin of seas and oceans	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral nd written tests - Attending and rticipating the lecture Providing eports and research in the field of scientific material
Seventh sixth	2 2 2	Students' owledge of the lesson topic Understanding not the ssibility of transferring rmation and scientific owledge about	eories of the rmation of ceanic basins	through - - Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests - Attending and rticipating the lecture Providing eports and research in

		subject to others		forms	the field of scientific material
week for the seventh	2	Students' knowledge of the lesson topic	Lapworth's theory	through - - Giving the lecture - interrogation - Use electronic offers - identification forms	- Daily oral and written tests - Attending and participating the lecture - Providing reports and research in the field of scientific material
	2	Understanding not the possibility of transferring information and scientific knowledge about subject to others			
the eighth week	2	Students' knowledge of the lesson topic Understanding not the possibility of	Pressure difference theory	through - - Giving the lecture - interrogation - Use electronic	- Daily oral and written tests - Attending and participating

Week	No.	Learning outcomes	Topic	Teaching methods	Evaluation methods
	2	transferring ormation and scientific owledge about subject to others		offers - entification forms	the lecture - Providing eports and research in the field of scientific material
the week the Ninth	2 / 2	Students' owledge of the lesson topic Understanding not the ssibility of transferring ormation and scientific owledge about subject to others	Tetradic theories	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral nd written tests - Attending and rticipating the lecture - Providing eports and research in the field of scientific material
he tenth week	2	Students' owledge of the	Moon subsidence eory - continental	through - - Giving the lecture	- Daily oral nd written tests

		lesson topic / learning	shift theory	terrogation	Attending and rticipating the lecture
	2	Understanding not the ssibility of transferring ormation and scientific wledge about subject to others		- Use electronic offers - entification forms	Providing eports and research in the field of scientific material
The eleventh week	2 / 2	Students' wledge of the lesson topic Understanding not the ssibility of transferring ormation and scientific wledge about subject to others	teroid theory shift theory	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral nd written tests - Attending and rticipating the lecture Providing eports and research in the field of scientific material

| The twelfth week | 2 | 2 | Students' knowledge of the lesson topic Understanding not the possibility of transferring information and scientific knowledge about subject to others | e theory of plate tectonics | through - - Giving the lecture - interrogation - Use electronic offers - identification forms | - Daily oral and written tests - Attending and participating the lecture Providing reports and research in the field of scientific material |
| the irteenth week | 2 | 2 | Students' knowledge of the lesson topic Understanding not the possibility of transferring information and scientific knowledge about subject to others | assification of as and oceans | through - - Giving the lecture - interrogation - Use electronic offers - identification forms | - Daily oral and written tests - Attending and participating the lecture Providing reports and research in the field of scientific material |

The fourteenth week	2	Students' knowledge of the lesson topic

Understanding not the possibility of transferring information and scientific knowledge about subject to others | classification of seas and oceans based on salinity | through - - Giving the lecture

interrogation

- Use electronic offers

- identification forms | - Daily oral and written tests

- Attending and participating in the lecture

- Providing reports and research in the field of scientific material |
| The fifteenth week | 2

2 | Students' knowledge of the lesson topic

Understanding not the possibility of transferring information and scientific knowledge about subject to others | classification of seas and oceans based on geographical location | through - - Giving the lecture

interrogation

- Use electronic offers

- identification forms | - Daily oral and written tests

- Attending and participating in the lecture

- Providing reports and research in the field of scientific |

					material
The sixteenth week	2	Students' knowledge of the lesson topic Understanding not the possibility of transferring information and scientific knowledge about subject to others	...ssification of ...as and oceans ...sed on ...ation and ...gin (time) of ancient ...eological seas	through - - Giving the lecture ...terrogation - Use electronic offers - ...entification forms	- Daily oral and written tests - Attending and ...rticipating the lecture - Providing ...eports and research in the field of scientific material
The seventeenth week	2 2	Students' knowledge of the lesson topic Understanding not the possibility of transferring information and scientific knowledge about	...e importance ...seas and ...eans / the ...ge extent of ...eir water cover	through - - Giving the lecture ...terrogation - Use electronic offers - ...entification	- Daily oral and written tests - Attending and ...rticipating the lecture - Providing ...eports and research in

Week		Objectives	Topic	Teaching methods	Assessment
					subject to others
forms	the field of scientific material

Week	Hours	Objectives	Topic	Teaching methods	Assessment
		subject to others		forms	the field of scientific material
the eighteenth week	2 2	Students' knowledge of the lesson topic Understanding not the possibility of transferring information and scientific knowledge about subject to others	Natural characteristics of sea and ocean water / temperature - density	through - - Giving the lecture interrogation - Use electronic offers - identification forms	- Daily oral and written tests - Attending and participating in the lecture Providing reports and research in the field of scientific material
the nineteenth week	2	Students' knowledge of the lesson topic Understanding not the possibility of	Natural characteristics sea and ocean water / color, transparency.	through - - Giving the lecture interrogation - Use electronic	- Daily oral and written tests - Attending and participating

Week		Objectives	Content	Methods	Assessment
		transferring ormation and scientific owledge about subject to others		offers - entification forms	the lecture - Providing eports and research in the field of scientific material
The twentieth week	2 2	Students' owledge of the lesson topic Understanding not the ssibility of transferring ormation and scientific owledge about subject to others	emical properties sea and ocean water	through - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral nd written tests - Attending and rticipating the lecture - Providing eports and research in the field of scientific material
Twenty-first week	2	Students' owledge of the	e importance of as and oceans in e movement of man races, waves	through - Giving the lecture	- Daily oral nd written tests

Week	Hours	Learning outcomes	Topic	Teaching methods	Assessment methods
	2	lesson topic / Understanding not the ssibility of transferring ormation and scientific owledge about subject to others	and ocean currents	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' owledge of the lesson topic / Understanding not the ssibility of transferring ormation and scientific owledge about subject to others	Marine ndation, its ects and importance	through - / - Giving the lecture / terrogation / - Use electronic offers / - entification forms	- Daily oral nd written tests / - Attending and rticipating the lecture / Providing eports and research in the field of scientific material

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

Week			Topic	Methods	Evaluation
e twenty-fifth week	2	2	Students' owledge of the lesson topic Understanding not the ssibility of transferring ormation and scientific owledge about subject to others	e geographical ects of the enomenon of marine inundation	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral nd written tests - Attending and rticipating the lecture Providing eports and research in the field of scientific material
Twenty-sixth week	2	2	Students' owledge of the lesson topic Understanding not the ssibility of transferring ormation and scientific owledge about subject to others	ects of marine life on land	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- 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	2	Students' knowledge of the lesson topic Understanding not the possibility of transferring information and scientific knowledge about subject to others	e defunct remains f marine life on land	through - - Giving the lecture terrogation - Use electronic offers - entification forms	- Daily oral nd written tests - Attending and rticipating the lecture - Providing eports and research in the field of scientific material
The twenty-eighth week	2	2	Students' knowledge of the lesson topic Understanding not the possibility of transferring information and scientific knowledge about	ects associated th changing the ea of seas and oceans	through - - Giving the lecture terrogation - Use electronic offers - entification	- Daily oral nd written tests - Attending and rticipating the lecture - Providing eports and research in

Week		Students' objectives	Topic	Teaching methods	Assessment methods
		subject to others		forms	the field of scientific material
The twenty-ninth week	2	Students' [kn]owledge of the lesson topic [U]nderstanding not the [pos]sibility of transferring [inf]ormation and scientific [kn]owledge about subject to others	Eustatinian [mo]vements and the [po]pulation of the world	through - - Giving the lecture [In]terrogation - Use electronic offers - [Id]entification forms	- Daily oral [a]nd written tests - Attending and [pa]rticipating [in] the lecture - Providing [r]eports and [r]esearch in the field of scientific material
The thirtieth week	2	Students' [kn]owledge of the lesson topic [U]nderstanding not the [pos]sibility of	Historical [ba]ckgrounds of the [ph]enomenon of [m]arine submergence	through - - Giving the lecture [In]terrogation - Use electronic	- Daily oral [a]nd written tests - Attending and [pa]rticipating

| | | transferring ormation and scientific owledge about subject to others | | entification forms | offers the lecture

- Providing eports and research in the field of scientific material |

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

Daily oral and written tests - and students' actual participation in lectures, activities, research and reports

Monthly exams 20% Semester exams 40% Final exams 60%

24. Learning and Teaching Resources

Required textbooks (curricular books, if any)	laat Ahmed Muhammad Abdo d Houria Muhammad Hussein adallah, Geography of the Seas and Oceans, University nowledge House, Egypt, 2008. ssan Sayed Ahmed Abu Al-in, Geography of the Seas and eans, Oceanography, iversity House for Printing d Publishing, Alexandria, Egypt,
Main references (sources)	hammad Ibrahim Hassan, ography of the Seas and

	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 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 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.

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

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

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39. **Faculty**						
Faculty Members						
Academic Rank	**Specialization**		**Special Requirements/Skills (if applicable)**	**Number of the teaching staff**		
Prof. Dr. Firas Abdel–Jabbar Abdullah Prof. Dr. Hussein Abdel Majeed Hamid Teacher..Dia Madloul Faraj	**General** **Human geography**	**Special** Political geography			**Staff** 3	**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

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

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

Course Description Form

25.	Course Name:

26.	Course Code:

27.	Semester / Year:

28.	Description Preparation Date:

29.Available Attendance Forms:

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

31.	Course administrator's name (mention all, if more than one name)
	الاسم: ا.د فراس عبد الجبار الربيعي fairas.ge.hum@uodiyala.edu.iq ا.م.د.حسين عبد المجيد حميد hhamid@uodiyala.edu.iq م.ضياء مدلول فرج diyaa.ge.hum@uodiyalq.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…
	•	.....
	•	.....

33. Teaching and Learning Strategies

Strategy	

34. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first the second the third the fourth	2 2 2 2		concept of geopolitics nponents of human state ural elements the state Geopolitical theories	theory	Oral uestions

35. Course Evaluation

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

36. Learning and Teaching Resources

Required textbooks (curricular books, if any)	e concept of geopolitics and its scope hmoud Tawfiq Mahmoud, Kuwait University 1998
Main references (sources)	opolitics in the twenty-first century spective Fish bloom, scientific fish encyclopedia.
Recommended books and references (scientific	

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 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

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 Requirements/Skills (if applicable)	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.

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															
				Required program Learning outcomes											
Year/Level	**Course Code**	**Course Name**	**Basic or optional**	**Knowledge**				**Skills**				**Ethics**			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
2023-2024 / Fourth stage	**Basic**	**Geographic informatio n systems**		√	√	√	√	√	√	√	√	√	√	√	√

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

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:	
	Student attendance is essential, not distance learning

42. Number of Credit Hours (Total) / Number of Units (Total)	
	-Credit Hours (60)
	- Number of Units (90)

43. Course administrator's name (mention all, if more than one name)	
	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
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.**
	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	
Strategy	Using several teaching methods, including lecture, discussion, field visits, and practical 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. Course Structure					
Week	**Hours**	**Required Learning Outcomes**	**Unit or subject name**	**Learning method**	**Evaluation method**
From the week 1-2	2 hours a week	Identify the most important components, uses and benefits of geographic	Chapter One: The Concept and Development of GIS	-Lecture method

- Supported by modern means | -Exam

- Reports related to the subject matter of the |
| | | | The concept of geographic information | | |

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

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

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

26-28	2 hours a week	- Access to the practical applications of GIS programs and applications in various fields such as (city management, transport and communications, risk management during natural disasters such as floods and earthquakes....)	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	Credit Hours	
			theoretical	practical

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					
Faculty Members					
Academic Rank	**Specialization**		**Special Requirements/Skills (if applicable)**	**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.

70.   Program Development Plan

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

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

Course Description Form

49.	Course Name:
	Geography of services

50.	Course Code:

51.	Semester / Year:
	The fourth stage

52.	Description Preparation Date:
	2024−2023

53.Available Attendance Forms:
ıdent attendance is an existing and essential matter, not distance learning

54.Number of Credit Hours (Total) / Number of Units (Total)
=60Total =90Units

55. Course administrator's name (mention all, if more than one name)
Name: Mr. Dr. Israa Haitham Ahmed Email: asraa.ge.hum@uodiyala.edu.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**

| | and answer. |
| | • The student must be keen to attend and feel the importance of the subject in scientific and practical life…… |

57. Teaching and Learning Strategies

| Strategy | Using several methods for learning, including lecture, discussion, and training, in addition to using some ucational programs according to the stage assigned to the student. |

58. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
rom eek 1-2	2		e concept of ography of rvices and their development	ecture ethod	the exam
rom eek 3-5			the lationship of geography to the study of services Services and urban life in cities		

			The development of the study of services in geographical studies		
			Data sources for the geography of services		
			Government sources		
			Field survey techniques		
			Methods of studying services in geographical studies		
			ecent trends the study of services		
			Service concept		
			he nature of ban services in cities		
			termine the spatial mework of the service		
			tudy the nportance of		

			service		
			valuating the efficiency of services		
			rvice center concept		
			Methods of determining the service center		
rom eeks -11			Classification of service centers		
			Main service centers		
			Secondary rvice centers		
			Suburban rvice centers		
			Service Centers Region		
			Classification of services		
			blic services (road services)		
			transport services		
			social		

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

	From week 20-25			basic plan and the periods for reparing the basic plans e volume of rvices in the basic ns of cities/planning rvices within the asic plans of cities me contemporary plications for ban services planning		
	From week 26-					

59. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports …. etc

60. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Geography of Services book - Mazen Abdel Rahman Al-Hiti ...eography of Services - Fouad bin Ghadhban ...rvice activities and urban ...nagement - 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		349		
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 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

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 Requirements/Skills (if applicable)**	**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.

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																
				Required program Learning outcomes												
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills							Ethics
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
			Basic												

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

Course Description Form

37.	Course Name:
	Geography of services

38.	Course Code:

39.	Semester / Year:
	2023−2024

40.	Description Preparation Date:

41.Available Attendance Forms:

42.Number of Credit Hours (Total) / Number of Units (Total)
Tow hour

43.	Course administrator's name (mention all, if more than one name)
	Name:Zainab kamel taeh
	Email: zainb.gev.hum@uodiyala.edu.iq

44.	Course Objectives
Course Objectives	**Enabling students to obtain knowledge and**
	derstanding of services and their importance in
	Preparing students to teach in secondary schools

| 45. | Teaching and Learning Strategies |

Strategy	rategies for teaching and leatning methods adpted in plementing the program in general,with reports submitted by studebts on the sudject

46. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
cture eekiy	ow ur	The student Must be Familiar with the udject of ography services	ography services	Jsing odern eans	Monthly Exam With Daily signments

47. Course Evaluation

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

48. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	
Recommended books and references (scientific journals, 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 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/Skills (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.

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	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
Second stag 2023-2024		Environmental geography and pollution	Sassy	*	*	*	*	*	*	*	*	*	*	*	*

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

Course Description Form

61.	Course Name: Environmental geography and pollution

62.	Course Code:

63.	Semester / Year:

2023-2024

64.	Description Preparation Date:

/10/2023

65.Available Attendance Forms:

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

    4 hours   4 units

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

Name: Dr. Nsreen Hadi Rshed
Email: nsreen.ge.hum@uodiyala.edu.iq

68.	Course Objectives

Course Objectives	1−**Introducing students to the concept of environme**
	2−**Knowledge of pollution and its effects on the**
	environment
	3−**The importance of studying environme**
	geography and pollution

69.	Teaching and Learning Strategies

Strategy	
	Giving lectures and preparing reports by students on the subject

0. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
FOR In week	4	To be the student Familiar with related concepts Environmental geography And	Environmen geography a pollution	a lecture Show vid visit	onthly exam Daily duty Presence Students And follow them For the lecture

		pollution			

71. Course Evaluation

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

72. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	Environmental geography and pollution book
Recommended books and references (scientific journals, reports…)	
Electronic References, Websites	

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**		**Special Requirements/Skills (if applicable)**	**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.

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

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

- **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 – 2024
76. Description Preparation Date:	
	1/9/2023
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: may.ge.hum@uodiyala.edu.iq
	Nebras Saadoun Mutshar
	nibrassadoon@gmail.com
	Name; diyar taher yassen
	Diyertaher99@gmail.com
80. Course Objectives	
Course Objectives	

	ching students the geography of Iraq ionally from all natural, economic and human aspects

81. Teaching and Learning Strategies

Strategy	

82. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

83. Course Evaluation

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

84. Learning and Teaching Resources

Required textbooks (curricular books, if any)	bas Fadel Al-Saadi, Iraq, its natural mework, its economic activity, its human side, Baghdad 2009
Main references (sources)	ha Al-Hashemi, The Geography of Iraq,

	Al-Salam Press, Baghdad
	dul-Zahra Ali Al-Janabi, The ography of Iraq in its Contemporary Perspective, 2020
Recommended books and references (scientific journals, reports…)	https ;//www.ketablink.com
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		373		
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	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

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)	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.

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

				Required program Learning outcomes											
Program Skills Outline															
Year/Level	**Course Code**	**Course Name**	**Basic or optional**	Knowledge				Skills							Ethics
				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 Description 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 Units (Total
2 unite1hours 12

91.	Course administrator's name (mention all, if more than one name)
	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	
	ng lectures, preparing reports by students on the subject, and

			conducting a visit		

94. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
One In week	2	to be requester versed With concepts Related By**social geography**	**social geography**	lecture Show video field visit	onthly exam Daily duty Presence Students d follow them r the lecture

95. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports …. etc

96. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	ssem Abdulaziz Omar Al-Othman, ssein Aliwi Nasser Al-Zayadi, Social ography: Principles, Foundations and plications, Dar Al-Dougah Publishing House, Amman, Jordan, 2014
Recommended books and references (scientific journals, reports…)	
Electronic References, Websites	