Academic Program Description Form

University Name: University of Baghdad

Faculty/Institute: College of Arts

Scientific Department: Department of Geography and Geographic Information Systems

Academic or Professional Program Name: Bachelor of Geography

Final Certificate Name: Bachelor of Geography and Geographic Information Systems

Academic System: semester
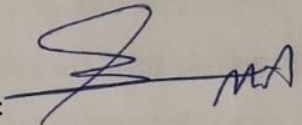
Description Preparation Date: 2024-10-17

File Completion Date: 2024-10-17

Signature: Assist.

Prof Wissam Ahmed Rasheed (Ph.D.)

Head of Department Name:

Date: October , 2024

Signature:

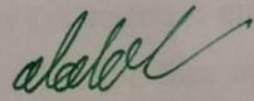Prof. Munther Ali Abdulmalik (Ph.D.)

Scientific Associate Name:

Date: October 2024

The file is checked by:

Quality Assurance and University Performance Division

Name of the Director of the Quality Assurance and University
Prof. Dr. Muhammad Ghazi :rformance DivisionPe

Date:

Signature: Prof. Ali Abdulameer Sajit

Approval of the Dean

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

2024-2025

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.

1. **Program Vision**
aspires to be one of the best departments in scientific institutions in the field of quality assurance and accreditation, based on the great knowledge service its scientists have provided to the Arab world and the world in its bright scientific quality scientific programs that investigate the cognitive -providing high history, by dimension. To explore the solid creative horizon. The department seeks to achieve a pioneering role in the field of education, research and training in geographical hniques and to contribute effectively to serving all societal issuessciences and tec.

2. **Program Mission**
The Department of Geography and Geographic Information Systems / College of Arts seeks to achieve a quality management system in accordance with international specifications(ISO 9001) in all its educational, research and administrative aspects, ‹ planning, organizing, directing and monitoring all activities, to raise the through efficiency of members, including members and professors of the Department of Geography and Geographic Information Systems, in order to distinguish this ments of the College of Arts in that it combines three department from other depart axes. Of the information, curricula and applications of its curricula (pure natural sciences, humanities and social sciences, geographic technologies , geographic tatistics), and adopting their creative ideas information systems and geographical s with the motive of continuous development in light of an appropriate work environment that achieves their job satisfaction, in order to achieve accreditation that

ditions. And the approved quality guarantees that the institution has met the con specifications, in line with the international standards of evaluation institutions, in order to recognize the scientific qualifications of their outputs, and to preserve the iety in the face of scientific competitioncultural and national identity of our Iraqi soc .

3. Program Objectives

١- Preparing a graduate who has the ability to understand the relationship between the environment and humans, by studying the interaction between humans and their environment, and how humans affect the environment through agriculture, industry, and urbanization, and how human societies adapt to environmental conditions such as climate and terrain.
٢- Preparing a graduate who has the ability to analyze the natural and human characteristics of a place using modern technologies such as: remote sensing, geographic information systems, artificial intelligence tools and their spatial modeling, and presenting them in the form of accurate geographic maps that reflect geographic data in an understandable way.
٣- Preparing a graduate who has the capabilities to diagnose and address contemporary problems and crises related to water resources, soil, climate change, environmental pollution, migration, housing, disasters, and other fields.
٤- Preparing a graduate who has the ability to apply the theories and concepts of planning for sustainable development, and emphasizing that development is a complex process and a multidimensional phenomenon, including economic, social, environmental, and institutional indicators.
٥- Preparing a graduate who has the ability to integrate theoretical and library aspects, field study results, and advanced technological innovation tools in a harmonious manner; to achieve the objectives of scientific research, and to move away from and overcome the process of approximate estimation

4. Program Accreditation

Is the program accredited? And by which authority? No

5. Other external influences

Is there a sponsor for the program? No

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution	5	10		

Requirements				
College Requirements	**Nothing**			
Department Requirements	**Nothing**			
Summer Training	**Nothing**			
Other				

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

		Program Description .٧		
The first stage				
Credit hours		Course name	Course code	Academic year
practical	theoretical			
٢	٢	Principles of Meteorology		First / First Chapter
٢	٢	Fundamentals of Cartography		First / First Chapter
-	٢	Foundations of Geology		First / First Chapter
-	٢	Regional Geography of Australia		First / First Chapter
-	٢	Contemporary History of Iraq		First / First Chapter
-	٢	Arabic		First / First Chapter
-	٢	Human rights and democracy		Chapter First / First
٢	١	Computer		First / First Chapter
٢	٢	Foundations of Climatology		First/Second Chapter
٢	٢	Foundations of Geomorphology		First/Second Chapter
٢	٢	remote sensing		First/Second Chapter
٢	٢	General area		First/Second Chapter
-	٢	Geographical thought		First/Second Chapter
-	٢	Regional Geography of Africa		First/Second Chapter
-	٢	Geographic statistics		First/Second Chapter
-	٢	English language		First/Second Chapter
٢Phase				
Credit hours		Course name	Course code	Academic year
practical	theoretical			
-	٣	Geography of Population		Second/First Semester
٢	٢	Applied Geomorphology		Second / First

Credit hours		Course name	Course code	Academic year
practical	theoretical			
				Semester
٢	٢	Soil geography		Second / First Semester
٢	٢	Thematic maps		Second / First Semester
٠	٢	methodology of Geographical research		First / Second Semester
٠	٢	Regional Geography of Asia		Second / First Semester
٠	٢	Arabic language		Second / First Semester
٠	٢	Crimes of the Baath regime in Iraq		Second / First Semester
٠	٣	Demographics		Second / Second Semester
٠	٣	Biogeography		Second / Second Semester
٠	٣	Geography of Transportation		Second / Second Semester
٢	٢	Geographic of Information Systems		Second / Second Semester
٢	٢	Applied climatology		Second / Second Semester
٠	٢	Regional geography of Europe		Second / Second Semester
٠	٢	English language		Second / Second Semester
٢	١	Computer		Second / Second Semester
Stage٣				
Credit hours		Course name	Course code	Academic year
practical	theoretical			
-	٢	Geography Regional of North America		Third/First Semester
٢	٢	Field study		Third/First Semester

Credit hours practical	theoretical	Course name	Course code	Academic year
-	٢	Geography of the Arab world		Third/First Semester
-	٢	Political geography		Third/First Semester
-	٢	Agricultural Geography		Third/First Semester
٢	٢	climate Local		Third/First Semester
٢	٢	Urban Geography		Third/First Semester
-	٢	Biogeography		Third/First Semester
٢	١	Geographic Information Practical(Systems)		Third/First Semester
-	٢	Regional Geography of South America		Third / Second Semester
٢	١	Spatial analysis using GIS		Third / Second Semester
-	٢	Geopolitical problems		Third / Second Semester
-	٢	Geography of Water Resources		Third / Second Semester
-	٢	Agricultural problems		Third / Second Semester
-	٢	Social geography		Third / Second Semester
-	٢	English language		Third / Second Semester
٢	-	Application project using geographic information systems		Third / Second Semester
-	٢	Principles of environmental science		Third / Second Semester
Stage Four				
Credit hours practical	theoretical	Course name	Course code	Academic year
-	٢	City Region		Fourth / First semester
-	٢	Geography of development		Fourth / First

				semester
-	٢	Geography of Renewable Energy		Fourth / First semester
-	٢	Industry Geography		Fourth / First semester
١	٢	Environmental problems		First / Fourth semester
-	٢	Natural geography of Iraq		Fourth / First semester
-	٢	Geomatics		Fourth / First semester
-	٢	English language		Fourth / First semester
٢	١	research of Graduation		Fourth / First semester
-	٢	theories of Industrial location		Second / Fourth semester
-	٢	geography of Quaternary		Fourth / Second semester
-	٢	Regional planning		Fourth / Second semester
-	٢	Geography of services		Fourth / Second semester
-	٢	of Iraq Human Geography		Fourth / Second semester
-	٢	Geography of seas and oceans		Fourth / Second semester
٢	١	analysis of Network by using GIS		Fourth / Second semester

8. Expected learning outcomes of the program

Knowledge

1- Providing students with experience in thinking and analysis .

2- Providing students with the ability to know the problem of the phenomenon, its results, and how to treat it.

3- Gaining experience in drawing maps using different programs, including geographic information systems.

Skills

١- The theoretical aspect: learning about different geographical sciences, including natural (climate, geomorphology) and human (population, politics, cities) and other geographical sciences.

٢ - Practical aspect: Applications on the possibility of drawing and representing maps using different means, including the use of geographic information systems, as well as knowledge of statistical analysis.

Ethics

- Enabling students to understand the material theoretically and practically.
- Enabling students to think and analyze to reach correct results.
- Enabling students to prepare good scientific reports.

9. Teaching and Learning Strategies

1- Using modern methods in teaching the subject

2- Using technological means to present scientific material, including data shows and PowerPoint.

3- Conducting field visits to review the topics studied by geography

10. Evaluation methods

• Daily assessment from discussion + daily exams + monthly exams + practical assignments and reports

11. Faculty : Faculty Members

N	Instructor's name	Scientific rank	General specialization	Exact specialization	Position, if any
١	Dr. Wissam Ahmed Rashid	Assistant Professor	Human geography	maps	Head of Department
٢	Abdullah .Dr Sabbar Abboud	Mr	Natural geography	Geomorphology	
٣	Dr.. Intisar Hassoun Reda	Mr	Human geography	Industry geography	
٤	Anfal Saeed Daoud	Mr	Human geography	Environmental problems	
٥	Dr.. Ali Abdel Amir Sagit	Mr	Human geography	Population geography	Dean of the College
٦	Dr.. Hossam Sahib Hassoun	Mr	Human geography	maps	
٧	Dr.. Selim Yavuz	Mr	Human	Agriculture	

			geography	geography	
٨	..Dr Entezar Jassim Jabr	Mr	Human geography	Geography of cities	
٩	Dr Nahdh Hatif Muhammad	Mr	Human geography	Industry geography	
١٠	.Dr Taghreed Ahmed omran	Mr	Natural geography	Climate geography	
١١	Dr.. Bashar Muhammad Awaid	Assistant Professor	Human geography	Geography of politics	
١٢	Dr.. Alaa Mohsen Shanshol	Assistant Professor	Human geography	Energy geography	Higher decision
١٣	Dr.. Hussein Jabr wasami	Assistant Professor	Natural geography	Climate geography	
١٤	Dr.. Shorouk Naeem Jassim	.Mr	Human geography	Transportation geography	
١٥	Dr.. Zainab Yacoub Majeed	Assistant Professor	Human geography	Medical geography	
١٦	Dr.. Khamis Musleh Daham	.Mr	Natural geography	Climate changes	
١٧	Dr.. Hossam Kanaan waheed	Assistant Professor	Natural geography	Environmental geography	Department rapporteur
١٨	Dr.. Suhaila Abboud Najm	Assistant Professor	Natural geography	Hydrology	
١٩	Dr.. Fouad Jiyad Matar	Assistant Professor	Human geography	Geography of cities	
٢٠	Dr.. Sfax Qassem Hadi	Assistant Professor	Human geography	Geography of cities	
٢١	Dr.. Asra Talal Daoud	Assistant Professor	Human geography	Geography of cities	
٢٢	Dr.. Haider Hussein Abdel Sattar	Assistant Professor	Human geography	Population geography	
٢٣	Dr.. Alaa Hashem is inside	Teacher	Human geography	Geography of cities	
٢٤	..Dr Ann Rajab Ahmed	Teacher	Natural geography	Hydrology	
٢٥	..Dr Qudos Osama Qawam	Teacher	Natural geography	Soil geography	
٢٦	Hind Fawzi Wafiq	Teacher	Human geography	Industry geography	

٢٧	Dr. Hiam Naaman Fleih	assistant professor	Physical Geography	gemor phylology	
28	Musa Ms. Fawzia Ghanem	Teacher	English Department	English language	

Professional Development

Mentoring new faculty members

1- Involving them in some committees
2- Involving them in courses
3- Encouraging them to conduct scientific research

Professional development of faculty members

1- Involving them in scientific and administrative committees.
2- Involving them in courses
3- Encouraging them to conduct scientific research.

12.Acceptance Criterion

1- Central acceptance by the Ministry of Higher Education
2- Acceptance from the preparatory school certificate in both its branches (literary and scientific)

13.The most important sources of information about the program

1- Modern Arabic and English scientific sources
3- Arabic and English scientific journals
2- The experience of professors over the years

14.Program Development Plan

1 - Preparing a program to develop teaching staff by supporting and increasing development courses, and twinning with international universities.

2- Preparing a program to develop curricula by preparing new and advanced curricula, relying on technological development, especially (artificial intelligence).

3- Preparing projects for final year students, which include laboratory work, field visits, collecting information, preparing statistics, and presenting the results in the form of reports prepared for the department, which aim to prepare the student to integrate into the labor market.

4- Preparing a program to develop publishing and scientific research by participating in courses on publishing in Clarivate and Scopus containers and relying on modern scientific ideas.

5- The possibility of cooperation with many institutions, including the General Authority of Meteorology , the Ministry of Planning, the Statistics Department, and the Information Systems Department.