

Programme Catalogue

College Name	College Abbreviation
"Humanities	Hum
Department Name (in English)	Department Abbreviation
Geography	Geo
Department Name (in Kurdish)	
جو طرافيا	
Department Name (in Arabic)	
جغرافية	
1. Qualification awarded	
Bachelor of Science in Geography	
2. Length of programme	
4 Years	
3. Number of credits	
240 ECTS credits	
4. Level of qualification according to the National Qualification Framework and the European Qualifications Framework	
First cycle, Bachelor's degree	
5. Field(s) of study (e.g. ISCED-F)	
6. Specific admission requirements (if applicable)	
7. Specific arrangements for recognition of prior learning (formal, non-formal and informal) (if applicable)	
8. Qualification requirements and regulations, including graduation requirements	
Students should successfully complete all the core components and collect 240 ECTS credits	
9. Profile of the programme	
The Department of Geography was established within the College of Humanities in 2005. Its first and main academic programme is the Bachelor of Science in Geography. The programme welcomed its first cohort of students in 2005. The programme is designed and regularly reviewed to meet the current and future needs of the Kurdistan Region and Iraq for qualified geographers capable of studying and analyzing natural and human phenomena and managing environmental resources. The curriculum provides a balanced foundation covering physical geography, human geography, regional geography, and Geographic Information Systems (GIS). Practical sessions and field trips further strengthen students' spatial analysis skills, teamwork, and field-based technical abilities. The graduation project is a major component of the programme, promoting creative problem-solving and effective teamwork in geographical studies. Field training and practical visits offer students valuable opportunities to apply their knowledge in real-world settings, strengthen connections with the local community and research institutions, and help academic staff address	

regional community needs through students' graduation projects.

Additionally, the programme includes a range of **elective courses**, allowing students to tailor their education according to their interests and the evolving demands of the geography job market.

10. Programme Educational Objectives

The Educational Objectives of the Geography Program are to prepare graduates who are able to:

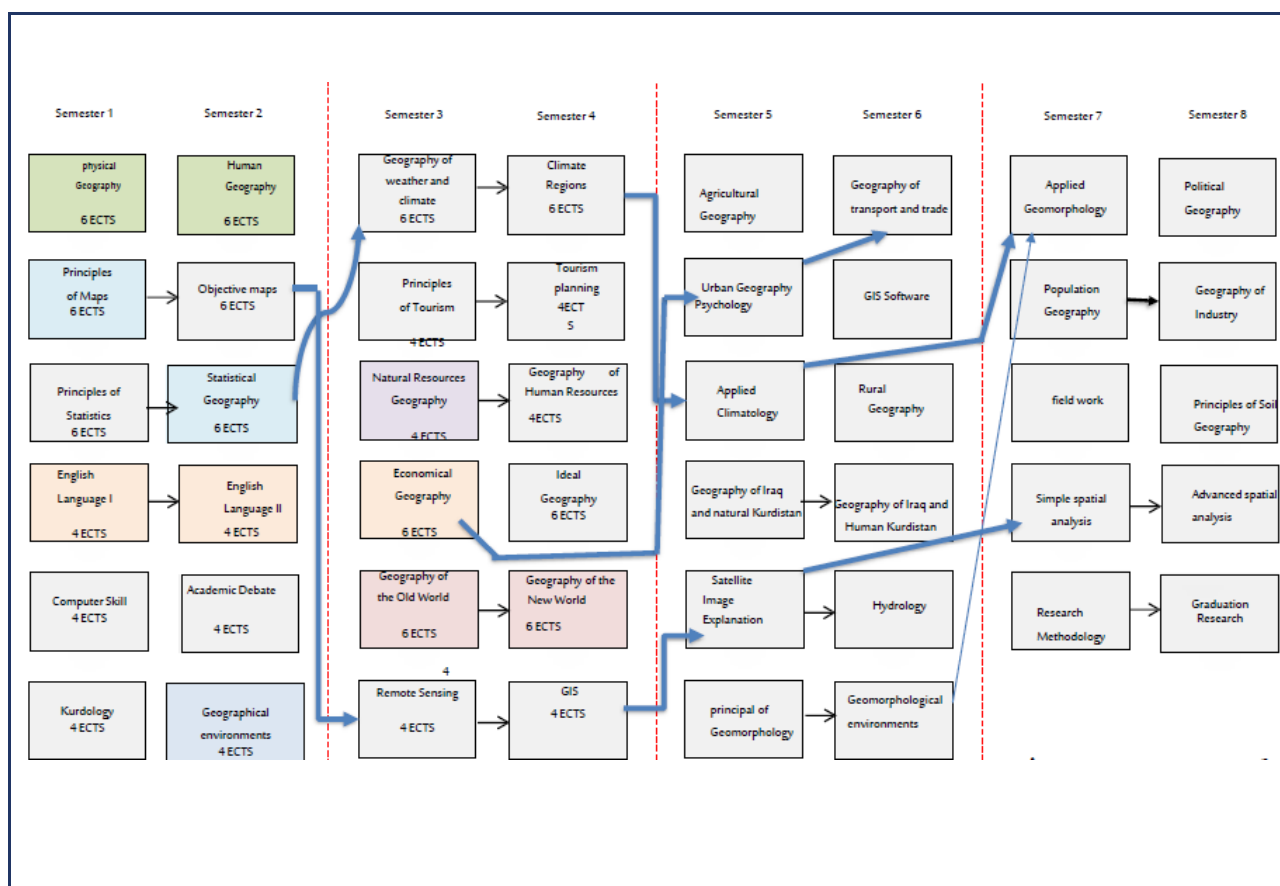
1. **Analyze and understand natural and human geographical phenomena**, applying geographical knowledge to address environmental, social, and regional challenges effectively.
2. **Demonstrate critical thinking, scientific communication, and teamwork skills**, enabling them to collaborate with multidisciplinary teams in research, planning, and resource management.
3. **Contribute to community and environmental development** by providing sustainable solutions while considering the social, environmental, and political dimensions of geographical decisions.
4. **Engage in lifelong learning and research activities** through advanced studies, field training, and participation in research projects, in order to expand knowledge and keep pace with developments in geography and regional planning

11. Programme learning outcomes

After successfully completing this program, students should be able to:

1. **Analyze and understand natural and human geographical phenomena**, applying geographical knowledge to address environmental, social, and regional challenges.
2. **Apply geographical and planning methods to provide practical and sustainable solutions**, considering environmental, social, economic, and political dimensions.
3. **Communicate effectively** with diverse audiences in academic, professional, and community settings.
4. **Recognize ethical and professional responsibilities** in geographical research and decision-making, while considering the impacts on society, the environment, and regional policies.
5. **Work effectively within multidisciplinary teams**, demonstrating leadership, collaboration, goal setting, and execution of field and research projects.
6. **Develop and conduct field studies and geographical investigations**, analyze and interpret spatial and environmental data to draw accurate scientific conclusions.
7. **Acquire and apply new knowledge as needed**, using modern learning strategies and advanced geographical technologies to keep pace with developments in geography and regional planning.

12. Programme structure diagram with credits



13. Mode of Study

Full time on campus

14. Examination regulations and grading scale

The following grading scale is used:

% Points	Grade
90 – 100	Excellent
80 - < 90	Very Good
70 - < 80	Good
60 - < 70	Medium
50 - < 60	Pass
0 - < 50	Fail

15. Mobility window (if applicable)

16. Work placement(s)/internships (if applicable)

The programme includes a 6-ECTS Field Work course in the fourth year, in addition to several practical laboratory-based courses such as GIS and ENVI.

17. Work-based learning (if applicable)

18. Programme director or equivalent

Shamal ahmed ameen

email: shamal.ahmed@uod.ac

19. Occupational profiles of graduates

Graduates of this programme possess a strong background in both physical and human geography, supported by practical skills in GIS, remote sensing, fieldwork, and spatial analysis. This combination enables them to interpret environmental patterns, analyze spatial data, and address real-world geographic challenges. Their training prepares them to work across

governmental, environmental, academic, and private-sector institutions, with the ability to adapt to emerging trends in climate studies, land-use planning, and geospatial technologies.

Typical career paths include:

1. **Geographer / Spatial Analyst:** Conducting spatial analyses, preparing thematic maps, and interpreting geographic data for environmental and urban applications.
2. **GIS Specialist:** Designing, managing, and analyzing geographic information systems in sectors such as planning, environment, transportation, and natural resources.
3. **Remote Sensing Analyst:** Using satellite imagery and aerial photos to monitor environmental changes, land cover, and climate-related patterns.
4. **Environmental Planner:** Supporting sustainable development, evaluating environmental impacts, and contributing to land-use planning and natural resource management.
5. **Climatology / Meteorology Assistant:** Analyzing climate data, identifying long-term trends, and contributing to weather- and climate-related research.
6. **Field Researcher:** Conducting surveys, collecting environmental and socio-spatial data, and supporting scientific studies.
7. **Consultant / Project Assistant:** Working with governmental agencies, NGOs, or private companies on projects related to environment, climate adaptation, disaster risk management, and regional development.

20. Access to further studies

Geography graduates are eligible to pursue advanced studies at the Master's and Doctoral levels in geography and related fields, supported by a solid foundation of knowledge and research skills that prepare them for higher academic achievement.

21. Academic Staff

Full Name	Qualification	Academic title	Email
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22. Facilities and Resources (Lecture halls, Labs, etc.)

The programme uses these facilities:

Type	Quantity	Capacity (students)	Type of use	Equipment included
Lecture Hall	4	35	Dedicated	Projector, whiteboard
Computer Lab 1	1	22	Dedicated	22 laptop computers, projector, whiteboard, internet

23. Accreditation and recognition

The Geography programme is officially recognized by the Ministry of Higher Education and Scientific Research of the Kurdistan Region – Iraq, as well as by the Ministry of Higher Education and Scientific Research of Iraq.