

Course Syllabus

1	Course title	Water resources
2	Course number	2334234
3	Credit hours (theory, practical)	3
	Contact hours (theory, practical)	3
4	Prerequisites/corequisites	
5	Program title	BA
6	Program code	04
7	Awarding institution	The Univ.of Jordan
8	School	arts
9	Department	geograohy
10	Level of course	BA
11	Year of study and semester (s)	Fir. Simis.2022/2023
12	Final Qualification	BA
13	Other department (s) involved in teaching the course	
14	Language of Instruction	Arabic and english
15	Date of production/revision	2015-2016

16. Course Coordinator:

Office numbers, office hours, phone numbers, and email addresses should be listed.
Off.no.313 , 5355 000/ext.24957
E mail h.sammour@ju.edu.jo

17. Other instructors:

Office numbers, office hours, phone numbers, and email addresses should be listed.

18. Course Description:

As stated in the approved study plan.
Unit 1- the concept of water resources
Unit 2- types of water resources
Unit 3- the effect of natural factors on water resources
Unit 4- rivers and lakes
Unit 5- assessment of water resources
Unit6 –floods

Unit 7 – water consumption
 Unit -8 – water resources in Jordan and arab world

19. Course aims and outcomes:

A- Aims:
1- Study of water resources
2-the rainfall and evaporation
3- the effect of natural factors on water resources
4- the rever systems
5- the discharge of rivers
B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to
1- Water resources
2- Water consumption
3- the effect of natural factors on water resources
4-the concept of ecosystem on water resources
5- floods

20. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
The concept of water resources	1+2+3	Prof.Dr. hasan abusammour	Water sycle		
Water sycle	3+4+5+6				
	7+8+0				
Rivers and lakes	10+11+12				
Types of precipitation	13+14+15		River basin and prisipitation and evaporation		
Ground water			Ground water		
Water consumption					

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21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:

Lectures ,field work ,and slides

22. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

Exams and activities

23. Course Policies:

- A- Attendance policies:absence daily
- B- Absences from exams and handing in assignments on time:exam.on time
- C- Health and safety procedures:clean haals ,light and ac
- D- Honesty policy regarding cheating, plagiarism, misbehavior:not to the head of the dep.
- E- Grading policy:mid.term exam 30% ,activity 20% final exam 50%
- F- Available university services that support achievement in the course:halls and GIS lab

24. Required equipment: (Facilities, Tools, Labs, Training....)

Abusammour,H.and h.khateeb,1999 water resources
Shaker kamal,climate and water - 1978
Mahdi assahaf ,hydrology . 1983
Ministry of water and irrigation of Jordan 2018

25. References:

Required book (s), assigned reading and audio-visuals:

Ground water

Recommended books, materials, and media:

26. Additional information:

Name of Course Coordinator: Prof.Dr.Hasan abusammour-----Signature: -----
----- Date: -oct.2022-----

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- -Signature: -----