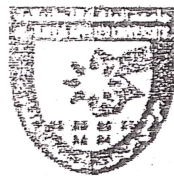


Al-Balqa Applied University
Faculty of Graduate Studies
Dept. Water Resources &
Environmental Management



المرفق رقم (7)
جامعة البلقاء التطبيقية
كلية الدراسات العليا
قسم إدارة موارد المياه والبيئة

تأسست سنة 1997

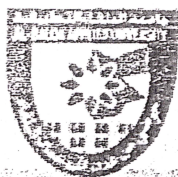
Al-Balqa Applied University

Curriculum for the Master Degree in

Water Resources and Environmental Management/Comprehensive Track

The curriculum for the Master degree in Water Resources and Environmental Management consists of 33 credit hours distributed as follows:

Track	Requirements	Credit Hours (Cr.H.)
Comprehensive	A. Compulsory Courses	21
	B. Elective Courses	12
	C. Comprehensive Exam	-
	Total	33



STUDY PLAN MASTER IN WATER RESOURCES AND ENVIRONMENTAL MANAGEMENT (Comprehensive Track)

I. GENERAL RULES AND CONDITIONS:

- 1- This plan conforms to the regulations of the general frame for graduate studies programs.
- 2- Areas of specialty of admission in this program:
 - a) Bachelor of Water Resources and Environmental Management, Water resources
 - b) Bachelor of Geology
 - c) Bachelor of Civil and Chemical Engineering

II. SPECIAL CONDITIONS:

Remedial materials determined by the department.

III. THE PLAN:

A. Compulsory Courses: (21 credit hours) as follows:

Course Number	Course Title	Credit hours	Pre-requisite
WRE811	Water resources in arid and semi-arid areas	3 (3-0)	-
WRE821	Climate change adaptation and resilience	3 (3-0)	-
WRE822	Drinking water pollution and control	3 (3-0)	-
WRE813	Advanced hydrology	3 (3-0)	-
WRE812	Irrigation water management	3 (3-0)	-
WRE842	Project	3 (3-0)	-
50404841	Advanced biostatistics	3 (3-0)	-

B. Elective Courses: (12 credit hours) selected from the following:

2. آخر تعديل بتاريخ 2024-6-6 بواسطة الدكتورة نور الخراشة رئيس قسم إدارة موارد المياه والبيئة

Course Number	Course Title	Credit Hours	Pre-requisite
WRE833	Scientific research ethics and methodology	3 (3-0)	-
WRE831	Soil conservation and land reclamation	3 (3-0)	-
WRE824	Advanced environmental soil chemistry	3 (3-0)	-
WRE832	Watershed management	3 (3-0)	-
WRE834	Advanced environmental impact assessment	3 (3-0)	-
WRE841	Advanced environmental remote sensing and GIS	3 (3-2)	-
WRE823	Environmental nanotechnology	3 (3-2)	-

C. Comprehensive Exam (0 credit hour) as follows:

Course Number	Course Title	Credit Hours	Pre-requisite
WRE897	Comprehensive Exam	0	Pass the credit hours required in the plan