




Bangladesh Open University

 SCHOOL OF AGRICULTURE AND RURAL DEVELOPMENT কৃষি ও পল্লী উন্নয়ন অনুষ্ঠান	School of Agriculture and Rural Development (SARD)
	Master of Science (M.S.) in Irrigation and Water Management (IWM)

Curricula layout for the degree of Master of Science (M.S.) in Irrigation and Water Management (IWM)

- Requirement for registration: Bachelor of Science in Agricultural/Civil/Water Resources Engineering or related disciplines from any recognized University or Institute
- Duration: One and half ($1\frac{1}{2}$) years (Registration valid for consecutive four and a half years)
- Semester: Three Semesters (Valid up to consecutive nine semesters)
- Two semesters in a year each of six (6) months:
 - 1st semester (January-June)
 - 2nd semester (July-December)
- No. of courses = 12
- No. of credits = 40
- Total Marks = 2000

Distribution of courses, credits and Marks

Course Type		No. of Courses	Credits	Marks
Course (compulsory)		12	24	1200
Research	a) Thesis	equivalent to 6 courses	12	600
	b) Thesis defense	equivalent to 2 courses	4	200
Total			40	2000

N.B. 1 course = 2 credits = 100 marks; Thesis = 12 credits = 600 marks, Thesis defense (4 credits) = 200 marks: Each course will carry 80 marks for theoretical examination and 10 marks for course assignment and 10 marks for class attendance.


Semester-wise courses, credits and Marks

1st Semester (Course Semester): January-June

SL. No.	Course Code	Course Title	Credit Hours	Marks
1.	M.S. IWM 1201	Surface Water Hydrology	2	100
2.	M.S. IWM 1202	Irrigation System Design and Evaluation	2	100
3.	M.S. IWM 1203	Groundwater Development and Management	2	100
4.	M.S. IWM 1204	Soil-Water-Plant Atmosphere Continuum	2	100
5.	M.S. IWM 1205	Water Pollution and Environment	2	100
6.	M.S. IWM 1206	Integrated Water Resources Management	2	100
Total 6 Courses			12	600



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2nd Semester (Course Semester): July-December

SL. No.	Course Code	Course Title	Credit Hours	Marks
1.	M.S. IWM 2201	Irrigation System Planning and Management	2	100
2.	M.S. IWM 2202	Drainage Engineering	2	100
3.	M.S. IWM 2203	River Engineering and Flood Management	2	100
4.	M.S. IWM 2204	Watershed Management	2	100
5.	M.S. IWM 2205	Hydraulic Structures	2	100
6.	M.S. IWM 2206	Remote Sensing and GIS in Water Resources	2	100
Total 6 Courses			12	600

3rd Semester (Research Semester): January-June

Research	Credit	Mark
a. Thesis (equivalent to 6 courses)	12	600
b. Thesis defense (equivalent to 2 courses)	4	200
Thesis + Thesis defense	16	800
Grand Total	[(12×2)+16] = 40 (Forty)	2000

Any kind of information, please contact with:

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Subject Coordinator

&

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