



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

1. Requirement for registration: Bachelor of Science in Agricultural/Civil/Water Resources Engineering or related disciplines from any recognized University or Institute
2. Duration: One and half ($1\frac{1}{2}$) years (Registration valid for consecutive four and a half years)
3. Semester: Three Semesters (Valid up to consecutive nine semesters)
4. Two semesters in a year each of six (6) months:
 - (a) 1st semester (January-June)
 - (b) 2nd semester (July-December)
5. No. of courses = 12
6. No. of credits = 40
7. 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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