

Institute of Water and Flood Management, BUET
Courses to be offered in April 2024 Semester

Program: Water Resources Development (WRD)

Course Code	Course Title	Credit Hour	Course Teacher
WFM 6101	Alluvial River Processes	3.0	Prof. Anisul Haque
			Prof. Md. Munsur Rahman
WFM 6102	Advanced Watershed Hydrology	3.0	Prof. Mashfiqus Salehin
			Prof. Mohammed Abed Hossain
WFM 6104	Water, Gender and Society	3.0	Dr. Sara Nowreen
WFM 6105	Water and Ecosystem	3.0	Prof. Md. Munsur Rahman
			Dr. Ahmed Ishtiaque Amin Chowdhury
WFM 6201	Hazards and Risk Analysis	3.0	Prof. Anisul Haque
			Prof. M Shahjahan Mondal
WFM 6202	Remote Sensing and GIS in Water Management	3.0	Dr. Sonia Binte Murshed
			Dr. Shampa
WFM 6206	Groundwater Resource Assessment	3.0	Prof. Mashfiqus Salehin
			Dr. Sara Nowreen
WFM 6307	Water Control Structures	3.0	Prof. G M Tarekul Islam
			Prof. Mohammad Asad Hussain
WFM 6309	Water Quality Management	3.0	Prof. Mohammad Asad Hussain
			Prof. Mohammed Abed Hossain
WFM 6311	Climate Change Risk Management	3.0	Prof. A.K.M. Saiful Islam
			Dr. Shammi Haque

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Program: Climate Modeling and Risk Management (CMRM)

Course Code	Course Title	Credit Hour	Course Teacher
WFM 6102	Advanced Watershed Hydrology	3.0	Prof. Mashfiqus Salehin
			Prof. Mohammed Abed Hossain
WFM 6201	Hazards and Risk Analysis	3.0	Prof. Anisul Haque
			Prof. M Shahjahan Mondal
WFM 6311	Climate Change Risk Management	3.0	Prof. A.K.M. Saiful Islam
			Dr. Shammi Haque
CMRM 6201	Climate and Earth Systems Modeling	3.0	Prof. A.K.M. Saiful Islam
			Dr. Shammi Haque
CMRM 6206	Vulnerability Assessment	3.0	Prof. M Shahjahan Mondal
			Dr. Shammi Haque

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Program: Humanitarian Engineering (HE)

Course code	Course Title	Credit Hour	Course Teacher
WFM 6104	Water, Gender and Society	3.0	Dr. Sara Nowreen
HE 6102	Disaster Risk Reduction and Community Resilience	3.0	Prof. Anisul Haque Prof. Mashfiqus Salehin
HE 6201	Humanitarian Engineering: Ethics, Theory and Practices	3.0	Prof. G M Tarekul Islam
HE 6203	Public Health Engineering	3.0	Dr. Ahmed Ishtiaque Amin Chowdhury Dr. Partho Das
HE 6301	Community Based Engineering in Water Management	3.0	Prof. Md. Munsur Rahman Dr. Ahmed Ishtiaque Amin Chowdhury
HE 6305	Hydraulic Engineering for Infrastructure Development and Management	3.0	Dr. Sonia Binte Murshed Dr. Shampa
HE 6303	Pollution and Protection of Water Resources	3.0	Prof. Mohammed Abed Hossain