

Water Related Courses

offered at
Michigan Technological University

Recognized by the
Michigan Tech Center for Water and Society

Water and Society

Course Number & Name

UN 5100 Water and Society Colloquium (1)

Hydrology

Course Number & Name

CE 3620 Water Resources Engineering (4)

CE 3650 Hydraulics and Hydrology (3)

FW 4370 Forest and Landscape Hydrology (3)

GE 3850 Geohydrology (3)

Natural Systems

Course Number & Name

BL 4440 Fish Biology (4)

BL 4450 Limnology (4)

BL 4455 Research Methods in Aquatic Ecology (2)

BL 5451 Aquatic Ecology (3)

BL 5455 Graduate Research Methods in Aquatic Ecology (2)

FW 3330 Soil Science (4)

FW 4220 Wetlands (4)

FW 4370 Forest and Landscape Hydrology (3)

FW 5115 Restoration Ecology (3)

FW 5210 Biometeorology (2)

FW 5221 Advanced Wetland Science (1)

FW 5230 Ecohydrology (2)

Policy and Societal Systems & Economics

Course Number & Name

EC 4640 Natural Resource Economics (3)

EC 4650 Environmental Economics (3)

EC 5640 Natural Resource Economics (3)

EC 5650 Environmental Economics (3)

ENVE 4506 Application of Sustainability Principles & Environmental Regulations to Engineering Practice (3)

SS 5111 Advanced Natural Resource Policy (3)

SS 5300 Environmental & Energy Policy (3)

SS 5313 Sustainability Science, Policy, and Assessment (4)

SS 5320 Special Topics in Environmental Policy (variable to 3)

SS 5350 Environmental Policy Analysis (3)

SS 5400 Sociology of the Environment (3)

Physical Hydrology and Engineered Water Resource Systems

Course Number & Name

BL 4120 Environmental Remediation and Toxicology (3)
BL 5120 Environmental Remediation and Toxicology (3)
CE 3620 Water Resources Engineering (4)
CE 4620 River and Floodplain Hydraulics (3)
CE 4640 Stormwater Management and Low Impact Development (3)
CE 5620 Stochastic Hydrology (3)
CE 5665 Stream Restoration (3)
CE 5666 Water Resources Planning & Management (3)
CE 5690 Special Topics in Water Resources (variable to 3)
CE 5993 Engineering with Developing Communities (2)
ENVE 3501 Environmental Engineering Fundamentals (3)
ENVE 3503 Environmental Engineering (3)
ENVE 4501 Environmental Engineering Chemical Processes (4)
ENVE 4505 Surface Water Quality Engineering (3)
ENVE 4507 Water Distribution and Wastewater Collection Design (3)
ENVE 4508 Water and Wastewater Treatment (3)
ENVE 4509 Environmental Process & Simulation (3)
ENVE 4513 Physical Chemical Processes - Drinking Water Treatment (3)
ENVE 5501 Environmental Process Engineering (3)
ENVE 5502 Biological Treatment Processes (3)
ENVE 5503 Physical-Chemical Treatment Processes (3)
ENVE 5504 Surface Water Quality Modeling (3)
ENVE 5508 Biogeochemical Processes (3)
ENVE-CH 5509 Transport and Transformation of Organic Pollutants (3)
ENVE-FW 5517 Soil Biogeochemistry (3)
ENVE 5561 Advanced Topics in Biological Processes (variable to 4)
ENVE 5562 Advanced Topics in Physical-Chemical Processes (variable to 4)
ENVE 5563 Advanced Topics in Surface Water Quality Engineering (variable to 4)
FW 4370 Forest and Landscape Hydrology (3)
GE 3850 Geohydrology (3)
GE 4800 Groundwater Engineering (3)
GE 5810 Flow and Transport in Subsurface Systems (3)
GE 5850 Advanced Groundwater Engineering and Remediation (3)

Course Descriptions can be found at:

[Undergraduate Courses](#)

[Graduate Courses](#)