

# Water Resources – Aquatic Ecosystems & Habitat Focus

The coursework below emphasizes water resources including a depth of expertise spanning physical, chemical, and biological aspects of water resources. Compared to the Water Resources Engineering track, less coursework in physical hydrology and hydraulics enables students to gain additional training in ecology, biology, and ecosystem management.

## Water Resources (Aquatic Ecosystem & Habitat Focus)

4th year	Fall	BEE 512	Physical Hydrology <sup>1</sup>	3
		FW 554	Fishery Biology	4
		ENGR 520	M.Eng. Introduction to Portfolio	1
	Winter	BEE568	Bioremediation <sup>2</sup>	4
		BEE/CE/GEO 514	Groundwater Hydraulics (4)	4
	Spring	FES 545	Ecological Restoration	4
FW 556		Freshwater Ecology & Conservation	5	
5th year	Fall	GEOG 596	Field Research in Geomorphology & Landscape Ecology	3
		BEE 549	Regional Hydrologic Modeling	3
		BEE 542	Vadose Zone Transport	4
		BEE 505	Reading & Conference	2
	Winter	FW 544	Quantitative Decision Analysis for Fish & Wildlife Management	4
		FW580	Stream Ecology	3
		BEE 529	Biological Systems Modeling	3
		ENGR 521	M.Eng. Portfolio Completion	1
BEE 507	Seminar	1		