

**MS in Civil Engineering: Water Resources/Environmental Emphasis
Course Offerings (updated June 2020)**

Course No	Course Title	Credit Hours	Semester Offered
CEEn 414	Engineering Applications of GIS	3	F
CEEn 531	Principles of Hydrologic Modeling	3	F
CEEn 533	Advanced Hydraulic Routing	3	W
CEEn 535	Hydraulic Design of Channels and Control Structures	3	W
CEEn 547	Groundwater Modeling	3	F
CEEn 555	Environmental Chemistry	3	F
CEEn 648	Groundwater Contaminant Transport	3	W
CEEn 551	Water Treatment Facilities Design	3	F
CEEn 651	Wastewater Treatment Facilities Design	3	W
CEEn 654	Water and Wastewater Advanced Treatment Processes	3	Sp
CEEn 635	Sediment Transport & River Restoration	3	Sp
CEEn 439	Water Resources Study Abroad	3	W/Sp*
STAT 511	Statistical Methods for Research 1	3	F
CEEn 514	Geospatial Environmental Engineering	3	W
CEEn 534	Hydroinformatics	3	F

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