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Students are responsible for satisfying pre-/co-requisites and verifying with their department that they are meeting the requirements of their program.

		<b>Credits</b>	<b>Prerequisites/Co-requisites</b>
CIVE 416	Geotechnical Engineering	3	P - CIVE 311
CIVE 421	Municipal Systems	3	P - CIVE 327
CIVE 428	Water Resources and Hydraulic Engineering	3	P - CIVE 327
CIVE 430	Water Treatment and Pollution Control	3	P - CIVE 225, CIVE 327
CIVE 440	Traffic Engineering and Simulation	3	P - CIVE 319
CIVE 462	Design of Steel Structures	3	P - CIVE 318
CIVE 463	Design of Concrete Structures	3	P - CIVE 318

0-9 credits from the following:

		<b>Credits</b>	<b>Prerequisites/Co-requisites</b>
CIVE 446	Construction Engineering	3	P - CIVE 208, FACC 300
CIVE 460	Matrix Structural Analysis	3	P - CIVE 206, CIVE 317
CIVE 470	Undergraduate Research Project	3	P - 60 program credits
CIVE 512	Advanced Civil Engineering Materials	3	P - CIVE 202
CIVE 520	Groundwater Hydrology	3	P - CIVE 311, CIVE 323
CIVE 521	Nanomaterials and the Aquatic Environment	3	
<b>or CHEE 521</b>	<b>Nanomaterials and the Aquatic Environment</b>	<b>3</b>	
CIVE 527	Renovation and Preservation: Infrastructure	3	P - CIVE 202, CIVE 318
CIVE 540	Urban Transportation Planning	3	P - CIVE 319 or instructor permission