

University of Newcastle				University of Wisconsin-Platteville			Approved	
Course Number	Course Title	Units	Course Number	Course Title	Credits	YES	NO	
<i>CIVL 2050</i>	<i>Engineering Computations and Probability</i>	10					<b>X</b>	
<a href="#">CIVL 2130</a>	Theory of Structures 1	10	<a href="#">GE 2340</a>	Mechanics of Materials	4	<b>X</b>		
<a href="#">CIVL 2240</a>	Civil Engineering Materials	10	<a href="#">CEE 3030</a>	Construction Materials	3	<b>X</b>		
<a href="#">CIVL 2280</a>	Geomechanics 1	10	<a href="#">CEE 3730</a>	Geotechnical Engineering I	3	<b>X</b>		
<a href="#">CIVL 2310</a>	Fluid Mechanics	10	<a href="#">CEE 3300</a>	Fluid Mechanics	4	<b>X</b>		
<a href="#">CIVL 2720</a>	Transportation Engineering and Design	10	<a href="#">CEE 3530</a>	Transportation Engineering	3	<b>X</b>		
<a href="#">CIVL 3160</a>	Reinforced Concrete Design	10	<a href="#">CEE 3150</a>	Reinforced Concrete	3	<b>X</b>		
<a href="#">CIVL 3170</a>	Steel Design	10	<a href="#">CEE 4230</a>	Steel Design	3	<b>X</b>		
<a href="#">CIVL 3180</a>	Theory of Structures 2	10	<a href="#">CEE 3100</a>	Structural Mechanics	4	<b>X</b>		
<a href="#">CIVL 3280</a>	Geomechanics 2	10		Tech Elective (Geotech)	3	<b>X</b>		
<a href="#">CIVL 3410</a>	Hydrobiological Modelling	10		Tech Elective (Environmental)	3	<b>X</b>		
<a href="#">CIVL 3431</a>	Land Surface Process and Management	10		Tech Elective	3	<b>X</b>		
<a href="#">CIVL 3470</a>	Contaminant Hydrogeology	10	<a href="#">CEE 4310</a>	Groundwater	3	<b>X</b>		
<a href="#">CIVL 4110</a>	Theory of Structures 3	10		Tech Elective (Structures)	3	<b>X</b>		
<a href="#">CIVL 4120</a>	Residential Footings/Masonry/Timber Design	10		Tech Elective (Structures)	3	<b>X</b>		
<a href="#">CIVL 4201</a>	Geotechnical and Geoenvironmental Engineering	10	<a href="#">CEE 4730</a>	Geotechnical Engineering II	3	<b>X</b>		
<a href="#">CIVL 4330</a>	Hydrology	10	<a href="#">CEE 4300</a>	Hydrology	3	<b>X</b>		
<a href="#">CIVL 4450</a>	Water Engineering	10		Tech Elective (Environmental)	3	<b>X</b>		
<i>CIVL 4510</i>	<i>Management of Technological Risks</i>	10					<b>X</b>	

CIVIL ENGINEERING

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Course Number	Course Title	Units	Course Number	Course Title	Credits	YES	NO	
<a href="#">CIVL 4521</a>	Structural Engineering Project	10		Tech Elective (Structures)	3	X		
<a href="#">CIVL 4541</a>	Water Engineering Project	10		Tech Elective (Environmental)	3	X		
<a href="#">CIVL 4571</a>	Geotechnical Engineering Project	10		Tech Elective (Geotech)	3	X		
<a href="#">CIVL 4660</a>	Project S2	10	CEE 4990	Independent Study	1 to 3	X		
<a href="#">CIVL 4680</a>	Advanced Geomechanics	10		Tech Elective (Geotech)	3	X		
<a href="#">CIVL 4830</a>	Stress & Finite Element Methods	10	<a href="#">CEE 4100</a>	Computer Analysis of Structures	3	X		

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