

## Program Requirements and Description

### FRESHMAN FALL

### CREDITS

<b>CHGN121</b>	PRINCIPLES OF CHEMISTRY I	4.0
<b>MATH111</b>	CALCULUS FOR SCIENTISTS AND ENGINEERS I	4.0
<b>GEGN101</b>	EARTH AND ENVIRONMENTAL SYSTEMS	4.0
<b>HASS100</b>	NATURE AND HUMAN VALUES	4.0
<b>CSM101</b>	FRESHMAN SUCCESS SEMINAR	0.5
<b>PAGN ELECTIVE</b>		0.5
		<b>Total: 17.0</b>

### FRESHMAN SPRING

### CREDITS

<b>MATH112</b>	CALCULUS FOR SCIENTISTS AND ENGINEERS II	4.0
<b>EDNS151</b>	DESIGN I	3.0
<b>PHGN100</b>	PHYSICS I – MECHANICS	4.5
<b>CHGN122</b>	PRINCIPLES OF CHEMISTRY II (SC1) or 125	4.0
<b>PAGN ELECTIVE</b>		0.5
		<b>Total: 16.0</b>

### SOPHOMORE FALL

### CREDITS

<b>CEEN210</b>	INTRODUCTION TO CIVIL INFRASTRUCTURE	1.5
<b>MATH213</b>	CALCULUS FOR SCIENTISTS AND ENGINEERS III	4.0
<b>PHGN200</b>	PHYSICS II – ELECTROMAGNETISM AND OPTICS	4.5
<b>CEEN241</b>	STATICS	3.0
<b>HASS200</b>	GLOBAL STUDIES	3.0
<b>PAGN ELECTIVE</b>		0.5
		<b>Total: 16.5</b>

### SOPHOMORE SPRING

### CREDITS

<b>CEEN267</b>	DESIGN II: CIVIL ENGINEERING	3.0
<b>CEEN311</b>	MECHANICS OF MATERIALS	3.0
<b>MATH201</b>	INTRODUCTION TO STATISTICS	3.0

CEEN360	INTRODUCTION TO CONSTRUCTION ENGINEERING	3.0
EBGN201	PRINCIPLES OF ECONOMICS	3.0
PAGN ELECTIVE		0.5
		<b>Total: 15.5</b>

### SUMMER

### CREDITS

CEEN331	ENGINEERING FIELD SESSION, CIVIL	3.0
		<b>Total: 3.0</b>

### JUNIOR FALL

### CREDITS

CEEN350	CIVIL AND CONSTRUCTION ENGINEERING MATERIALS	3.0
CEEN314	STRUCTURAL THEORY	3.0
CEEN312	SOIL MECHANICS	3.0
CEEN312L	SOIL MECHANICS LABORATORY	1.0
MATH225	DIFFERENTIAL EQUATIONS	3.0
FREE ELECTIVE		3.0
		<b>Total: 16.0</b>

### JUNIOR SPRING

### CREDITS

CEENXXX	CONSTRUCTION ESTIMATING & SCHEDULING (prereq: CEEN360)	3.0
CEENXXX	DESIGN & CONSTRUCTION INTEGRATION I (prereq: CEEN360)	3.0
TECHNICAL ELECTIVE	CEEN415, CEEN421, CEEN423, CEEN425, CEEN443, CEEN445, CEEN381 (prereq: CEEN310), EBGN321	3.0
TECHNICAL ELECTIVE	CEEN415, CEEN421, CEEN423, CEEN425, CEEN443, CEEN445, CEEN381 (prereq: CEEN310), EBGN321	3.0
HASS MID-LEVEL ELECTIVE		3.0
FREE ELECTIVE		3.0
		<b>Total: 18.0</b>

### SENIOR FALL

### CREDITS

EDNS491	SENIOR DESIGN I	3.0
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<b>CEENXXX</b>	DESIGN & CONSTRUCTION INTEGRATION II (prereq: Design & Construction Integration I)	3.0
<b>CEENXXX</b>	CONSTRUCTION ECONOMICS & BUSINESS (prereq: EBGN201)	3.0
<b>TECHNICAL ELECTIVE</b>	CEEN415, CEEN421, CEEN423, CEEN425, CEEN443, CEEN445, CEEN381 (prereq: CEEN310), EBGN321	3.0
<b>HASS MID-LEVEL ELECTIVE</b>		3.0
<b>FREE ELECTIVE</b>		3.0
		<b>Total: 18.0</b>

### SENIOR SPRING

### CREDITS

<b>EDNS492</b>	SENIOR DESIGN II	3.0
<b>CEENXXX</b>	CONSTRUCTION LAW & CONTRACT ADMINISTRATION (prereq: CEEN360)	3.0
<b>CEENXXX</b>	CONSTRUCTION ENGINEERING MEANS & METHODS (prereq: CEEN360)	3.0
<b>TECHNICAL ELECTIVE</b>	CEEN415, CEEN421, CEEN423, CEEN425, CEEN443, CEEN445, CEEN381 (prereq: CEEN310), EBGN321	3.0
<b>HASS MID-LEVEL ELECTIVE</b>		3.0
		<b>Total: 15.0</b>

**Total: 135.0 credits**