

Department of Civil, Architectural and Environmental Engineering
Bachelor of Science in Civil Engineering
Major Code: CIEN
Effective 2019 - 2020

Course	CR	Course	CR
Freshman Year: First Semester		Freshman Year: Second Semester	
GEEN 100	2	ENGL 101	3
MATH 131	4	MATH 132	4
CHEM 106	3	African American Electives	3
CHEM 116	1	PHYS 241	3
GEEN 111	1	PHYS 251	1
ENGL 100	3	CAEE 121	0
CAEE 101	2	Semester Total	14
Semester Total	16		
Sophomore Year: First Semester		Sophomore Year: Second Semester	
MATH 231	4	MATH 341	3
CAEE 231	3	Global Studies Electives	3
CAEE 230	1	CIEN 281	1
PHYS 242	3	CAEE 232	3
PHYS 252	1	CAEE 240	3
CM 214 Surveying	2	CAEE 362 Fluid Mechanics	3
CM 224 Surveying Lab	1	Semester Total	16
Semester Total	15		
Junior Year: First Semester		Junior Year: Second Semester	
CAEE 363	1	CIEN 320	3
CAEE 325	3	CIEN 321	1
CIEN 350	3	CAEE 304	3
CAEE 330	3	CIEN 364	3
CAEE 335	1	CAEE 430	3
CAEE 334	2	CIEN 310	3
CAEE 400	1	CIEN 311	1
Semester Total	14	Semester Total	17
Senior Year: First Semester		Senior Year: Second Semester	
CIEN 483	1	CIEN 484	2
CAEE 436	3	Social Science Elective	2
CAEE 481	3	Science Electives	3
CIEN 412	3	CIEN 453	3
Humanity Electives	3	CIEN 405	1
CIEN 422	3	Semester Total	12
Semester Total	16		

Total Credit Hours: 120

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MAJOR PROGRAM REQUIREMENTS

Students must earn a C or better in the following courses:

CAEE 100	ISEN 370
CAEE 231	PHYS 241
CAEE 232	PHYS 242
CAEE 240	MATH 131
CAEE 304	MATH 132
CAEE 334	MATH 231
CAEE 362	MATH 341
MEEN 241	CHEM 106
GEEN 100	Science Electives
GEEN 161	