

**Department of Civil, Architectural and Environmental Engineering**  
**Bachelor of Science in Civil Engineering**  
**Major Code: CIEN**

**Curriculum Guide**

<b>Course</b>	<b>CR</b>	<b>Course</b>	<b>CR</b>
<b>Freshman Year: First Semester</b>		<b>Freshman Year: Second Semester</b>	
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	<b>Semester Total</b>	<b>14</b>
<b>Semester Total</b>	<b>16</b>		
<b>Sophomore Year: First Semester</b>		<b>Sophomore Year: Second Semester</b>	
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	<b>Semester Total</b>	<b>16</b>
<b>Semester Total</b>	<b>15</b>		
<b>Junior Year: First Semester</b>		<b>Junior Year: Second Semester</b>	
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
<b>Semester Total</b>	<b>14</b>	<b>Semester Total</b>	<b>17</b>
<b>Senior Year: First Semester</b>		<b>Senior Year: Second Semester</b>	
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
Humanities Elective	3	CIEN 405	1
CIEN 422	3	<b>Semester Total</b>	<b>12</b>
<b>Semester Total</b>	<b>16</b>		

**Total Credit Hours: 120**

**MAJOR PROGRAM REQUIREMENTS**

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

MATH 131	CHEM 106
MATH 132	CAEE 231

MATH 231	CAEE 232
PHYS 241	CAEE 362