

## 2019-2020 Pathway for Bachelor of Science in Architectural Engineering

*Please see your academic advisor to develop your individual plan. This is only meant to be a guide.*

**A maximum of 64 hours is transferable from a North Carolina Community College.**

<b>Freshman/First Year</b>							
<b>First Semester - Fall</b>				<b>Second Semester - Spring</b>			
CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes	CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes
ENG 111	ENGL 100	3	UGETC: Eng Comp - AA & AS	ENG 112	ENGL 101	3	UGETC: Eng Comp - AA & AS
CHM 151	CHEM 106/116	4	UGETC: Nat. Sci.-AA/AS	PHY 251	PHYS 241/251	4	UGETC: Nat. Sci- AS
EGR 150	GEEN 100	2	Pre-Major/Elective	MAT 272	MATH 132	4	UGETC: Math- AS
EGR 131	GEEN 111	1			African American Elective	3	
MAT 271	MATH 131	4	UGETC: Math- AS	CIV 125	CAEE 121	0	
ARC 111	CAEE 101	2					
Total Credit Hours		16		Total Credit Hours		14	

<b>Sophomore/Second Year</b>							
<b>Third Semester - Fall</b>				<b>Fourth Semester - Spring</b>			
CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes	CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes
MAT 273	MATH 231	4	GEN ED: Math	MAT 285	MATH 341	3	Pre-major/Elective
PHY 252	PHYS 242/252	4	UGETC: Nat. Sci.-AS		MEEN 241	3	
EGR 220	CAEE 231	3	Pre-major/Elective		AREN 281	2	
EGR 250	CAEE 230	1			ECEN 340	3	
	AREN Elective (AREN 112 <b>or</b> CM 214/224)	3		EGR 230	CAEE 232	3	
					CAEE 240	3	
Total Credit Hours		15		Total Credit Hours		17	

Junior/Third Year							
Fifth Semester - Fall				Sixth Semester - Spring			
CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes	CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes
	CAEE 362	3			AREN 387	3	
	AREN 382	3			CAEE 304	3	
	CAEE 363	1			CAEE 325	3	
	AREN 348	3			AREN 364	2	
	AREN 344	1			AREN 363	1	
ARC 112 <i>or</i> CEG 210	CAEE 330	3			Social Sci Elective	3	
	CAEE 335	1			CAEE 401	0	
	AREN 343	2					
<b>Total Credit Hours</b>			<b>17</b>	<b>Total Credit Hours</b>			<b>15</b>

Senior/Fourth Year							
Seventh Semester - Fall				Eighth Semester - Spring			
CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes	CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes
	AREN 480	2			AREN 483	2	
	AREN Electives (CAEE 436 <i>or</i> 481)	3			AREN 467	2	
	AREN 462	3			CAEE 334	2	
	Global Studies Elective	3		CMT 222	CAEE 450	3	
	CAEE 430	3			Humanities Elective	3	
<b>Total Credit Hours</b>			<b>14</b>	<b>Total Credit Hours</b>			<b>12</b>

**Total Required Hours: 120**

**MAJOR PROGRAM REQUIREMENTS**

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

CAEE 100	CHEM 106
CAEE 231	MATH 131
CAEE 232	MATH 132
CAEE 240	MATH 231
CAEE 304	MATH 341
CAEE 334	PHYS 241
CAEE 362	PHYS 242
ECEN 340	Science Electives
MEEN 241	
GEEN 100	
GEEN 161	

**All of your GEN ED and UGETC requirements are satisfied, if you have earned an Associate in Arts or Associate in Science Degree from a North Carolina Community College.**