

2019-2020 Pathway for Bachelor of Science in Physics (Secondary Education)

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.

Freshman/First Year									
First Semester - Fall				Second Semester - Spring					
CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes	CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes		
	PHYS 110	1		PHY 251	PHYS 241	3	UGETC: Nat Sci - AS		
	PHYS 111	3			PHYS 251	1			
MAT 271	MATH 131	4	UGETC: Math- AS	MAT 272	MATH 132	4	GEN ED: Math		
					CUIN 101	1			
	GEEN 160	2		ENG 112	ENGL 101	3	UGETC: Eng Comp-AA/AS		
ENG 111	ENGL 100	3	UGETC: Eng Comp-AA/AS		PHYS 100	1			
	CUIN 102	2			CUIN 110	2			
Total Credit Hours				15	Total Credit Hours				15

Sophomore/Second Year									
Third Semester - Fall				Fourth Semester - Spring					
CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes	CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes		
PHY 252	PHYS 242/252	4	UGETC: Nat Sci - AS		PHYS 305	3			
	CUIN 210	2			PHYS 306	3			
MAT 273	MATH 231	4	GEN ED: Math		PHYS 345	3			
CHM 151	CHEM 106/116	4	UGETC: Nat Sci - AA/AS	CHM 152	CHEM 107/117	4			
	Humanities/Fine Arts (HFA) ¹	3			CUIN 225	2			
Total Credit Hours				17	Total Credit Hours				15

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
	PHYS 400	3			Global Awareness (GL) ¹	3	
	PHYS 101 or ASME 151	3			Social/Behavioral Sciences (SBS) ¹	3	
	PHYS 415	3			CUIN or PSYC Elective	3	
	PHYS 375	2			Free Elective ⁵	3	
	CUIN410	2			Science Elective ⁴	3	
	Afr. Amer. Culture & Hist	3			CUIN 420	2	
Total Credit Hours		16		Total Credit Hours		17	

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
	PHYS 430	3			CUIN 498	9	
	PHYS 420	3			CUIN 470 ²	3	
	CUIN 435	3					
	PHYS 492	1					
	Free Elective ⁵	3					
Total Credit Hours		13		Total Credit Hours		12	

Total Required Hours: 120

¹Courses may only satisfy ONE general education requirement GL,AA,SBS, or HFA (e.g. LIBS 202 can satisfy HFA or AA,but not both).

²CUIN 470 Education capstone course.

³PHYS 494 - capstone course.

⁴This must be a science elective other than a Physics Course.

⁵Free elective (6 hours) - It is suggested that these hours be FOLA courses.

MAJOR PROGRAM REQUIREMENTS

Students must earn a C or better in PHYS courses.

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.

|