

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

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 100	1		PHY 251	PHYS 241/251	4	UGETC: Nat Sci - AS
	PHYS 101	3		MAT 272	MATH 132	4	UGETC: Math-AS
MAT 271	MATH 131	4	UGETC: Math- AS	ENGL 101	ENGL 101	3	UGETC: Eng Comp -AA/AS
	GEEN 160	2			Humanities/Fine Arts	3	
ENG 111	ENGL 100	3	UGETC: Eng Comp-AA/AS	ACA 122	FRST 101	1	AA/AS Required Course
	Afr. Amer. History & Culture ¹	3					
Total Credit Hours		16		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	
MAT 273	MATH 231	4	GEN ED: Math		PHYS 306	3	
CHM 151	CHEM 106/116	4	UGETC: Nat Sci -AA/AS		PHYS 345	3	
	Social/Behavioral Sciences ¹	3			MATH 3xx ³	3	
					Global Awareness ¹	3	
Total Credit Hours		15		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			PHYS 375	2	
	PHYS 415	3			PHYS 3xx ⁴	3	
	PHYS 420	3			Disciplinary Elective ²	3	
	PHYS 450	3			Disciplinary Elective ²	3	
	ENGL 331	3			Disciplinary Elective ²	3	
Total Credit Hours		15		Total Credit Hours		14	

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 494 ⁵	3			Disciplinary Elective ²	3	
	PHYS 430	3			Disciplinary Elective ²	3	
	PHYS 475	2			Disciplinary Elective ²	3	
	PHYS 492	1			Free Elective ⁶	3	
	Disciplinary Elective ²	3			Free Elective ⁶	3	
	Disciplinary Elective ²	3					
Total Credit Hours		15		Total Credit Hours		15	

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).

²Disciplinary Electives (24 credit hours) to be determined by the student's interest and approved by an instructor.

³Mathematics elective (3 hours) numbered 300 or above.

⁴Physics electives (3 hours) numbered 300 or above.

⁵PHYS 494 - capstone course.

⁶Free electives (6 hours) - It is suggested that at least 6 of 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.

