

2019-2020 Pathway for Bachelor of Science in Mathematics (Statistics)

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
MAT 271	MATH 131 (MLAR)	4	UGETC: Math - AS	MAT 272	MATH 132 (MLAR)	4	UGETC: Math - AS
	MATH 105	1		ENG 112	ENGL 101 (WC)	3	UGETC: Eng Comp - AA & AS
ENG 111	ENGL 100 (WC)	3	UGETC: Eng Comp - AA & AS		FOLA ¹ / Elective	3	
	FOLA ¹ / Elective	3		MAT 167	MAT 123	3	Pre-Major/Elective
	Global Awareness ² (GA)	3			MATH 106	1	
ACA 122	FRST 101 (SS)	1	AA/AS Req. Course		AA Hist & Culture ³ (AA)	3	
Total Credit Hours				Total Credit Hours			
15				17			

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
MAT 273	MATH 231	4	GEN ED: Math		MATH 211	4	
COM 110 <i>or</i> COM 111	SPCH 250 (HFA)	3	GEN ED <i>or</i> Pre-Major/Elective	PHY 252	PHYS 242 (SR)	3	UGETC: Nat. Sci.- AS
	MATH 240	3			PHYS 252 (SR)	1	
PHY 251	PHYS 241 (SR)	3	UGETC: Nat. Sci.- AS	Social/Behav Sci. ⁴	Social/Behav Sci. ⁴ (SBS)	3	
	PHY 251 (SR)	1		MAT 152	MATH 224	3	UGETC: Math- AA
	MATH 215	1					
Total Credit Hours				Total Credit Hours			
15				14			

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
	MATH 320	3			MATH 341	3	
	MATH 351	3			MATH 340/365	3	
	MATH 377	3			STAT 328	3	
	STAT 324	3			Ethical Reas. Elective ⁵	3	
	Elective	3			Elective	3	
Total Credit Hours		15		Total Credit Hours		15	

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
	MATH 432	3			STAT 424	3	
	STAT 423	3			MATH Elective ⁶	3	
	STAT 425	3			MATH 496	3	
	Electives	6			Electives	5	
Total Credit Hours		15		Total Credit Hours		14	

Total Required Hours: 120

¹ Two courses of FREN 101, 102; **or** GERM 101, GERM 102; **or** SPAN 101, SPAN 102; **or** RUSS 101, RUSS 102 taken in sequence.

²One course from: HIST 130, 207, 216 or 231, **or** PHIL 103 **or** 201.

³One course from: HIST 103, 106 or 107, **or** LIBS 202, **or** MUSI 220.

⁴One course from: BUED 279, ECON 200, **or** 201, HIST 104 **or** 105, POLI 100, PSYC 101, **or** SOCI 100 **or** 200.

⁵One course from: PHIL 104, 201, 263, 316, 317, **or** 320.

⁶One course from: MATH 310, 323, 378, 411, 485, and STAT 426.

MAJOR PROGRAM REQUIREMENTS

Students must earn a C or better grade except one passing grade below C if the student has GPA of at least 2.0 but less than 2.3, or two passing grades below C if the student has a GPA of at least 2.3 in the following courses:

MATH 105	MATH 341
MATH 106	MATH 351
MATH 123	MATH 377
MATH 131	MATH 496
MATH 132	STAT 324
MATH 211	STAT 328
MATH 215	STAT 423
MATH 224	STAT 424
MATH 231	STAT 425
MATH 240	MATH/STAT Elective (1)
MATH 320	

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.