Baccalaureate Degree Plan (BDP)
Associate in Science (AS) to BS Mathematics, Advanced Mathematics Concentration

The sequence below is contingent on completion of the AS degree from a college in the North Carolina Community College System (NCCCS). It represents one way in which the program of study can be completed. Following the BDP does not guarantee admission to UNCG or guarantee an AS or BS degree will be conferred. Students should seek academic advising to determine the best course of study to meet educational goals and degree requirements. **Refer to the University Admissions website for more information on admission and transfer of credits.** *NOTE: Credit will only be awarded for transferable courses for which a grade of C (2.0) or better is earned.*

Pages 1 and 2 reflect the suggested North Carolina Community College system category/course selection for the AS. Review the NC Transfer Course List for full listing of courses by designation – UGETC, CAA GEN ED, Pre-Major/Elective. Page 3 reflects the academic plan of study, following completion of the AS and transfer to UNCG.

This BDP is based upon full-time enrollment (12 or more hours) each semester.

NC Community College First Year
Fall Semester

NCCCS Course	NCCCS sh	UNCG Course Equivalent	UNCG sh
ACA 122 (Pre-Major/Elective)	1	ELE 000 Free Elective	1
BIO 111 (UGETC) or CHM 151 (UGETC)	4	BIO 111 & Lab; CHE 111 & Lab	4
ENG 111 (UGETC)	3	ENG 101 Exploring Writing in College Contexts	3
Communications/Humanities/Fine Arts (UGETC)	3		3
MAT 171 (UGETC)	4	MAT 150 Precalculus I	3
Total semester hours earned:	15	Total semester hours earned:	14

Table 1 NC Community College First Year - Fall Semester Course Selections

NC Community College First Year
Spring Semester

NCCCS Course	NCCCS sh	UNCG Course Equivalent	UNCG sh
ENG 112 (UGETC)	3	ENG 102 Academic Research and Writing	3
Foreign Language 111 (GEN ED)	3	Foreign Language 101	3
Social/Behavioral Science (UGETC)	3		3
BIO 112 (UGETC) or CHM 152 (UGETC)	4	BIO 112 & Lab; CHE 112 & Lab	4
MAT 172 (UGETC)	4	MAT 151 Precalculus II	3
Total semester hours earned:	17	Total semester hours earned:	17

Table 2 NC Community College First Year - Spring Semester Course Selections

NC Community College Second Year
Fall Semester

NCCCS Course	NCCCS sh	UNCG Course Equivalent	UNCG sh
Social/Behavioral Science (UGETC)	3		3
Foreign Language 112 (GEN ED)	3	Foreign Language 102	3
Communications/Humanities/Fine Arts (UGETC)	3		3
MAT 271 (UGETC)	4	MAT 196 Calculus A	4
Additional General Education Hours	1		1
Total semester hours earned:	14	Total semester hours earned:	14

Table 3 NC Community College Second Year - Fall Semester Course Selections

NC Community College Second Year
Spring Semester

NCCCS Course	NCCCS sh	UNCG Course Equivalent	UNCG sh
MAT 272 (UGETC)	4	MAT 296 Calculus B	4
Other Required Hours	10		10
Total semester hours earned:	14		14

Table 4 NC Community College Second Year – Spring Semester Course Selections

Total hours earned for the AS degree: 60-61

Note: the AS requires 11 hours of CAA GEN ED
The AS also requires an additional 14 SH of courses to be selected from courses classified as pre-major, electives, or general education courses within the CAA (ACA 122 is required)

CSC 151 (UNCG CSC 130) fulfills a concentration requirement at UNCG. It is not required that this course is completed as part of the AA. It is listed on the UNCG course plan. If a student places in a higher math, MAT 273 (UNCG MAT 396) can be completed at the community college. If not, it is listed on the UNCG course plan.

Schedule of Courses Upon Admission to UNC Greensboro
Associate in Science (AS) to BS Mathematics, Advanced Mathematics Concentration

UNCG First Year

Fall Semester	sh	Spring Semester	sh
CSC 120 or CSC 130 or CSC 230	3	MAT 310	3
MAT 253	3	MAT 390	3
MAT 396	3	STA 290	3
Elective	3	Mathematical Science Course	3
Elective	3	Elective	3
Total semester hours earned:	15	Total semester hours earned:	15

Table 5 UNCG First Year, Fall and Spring Course Selections

UNCG Second Year

Fall Semester	sh	Spring Semester	sh
MAT 311	3	MAT 422, 425 or 440	3
MAT 490	3	MAT 400 Level	3
Mathematical Science Course	3	MAT 395	3
Mathematical Science Course	3	Elective	3
Elective	3	Elective	3
Total semester hours earned:	15	Total semester hours earned:	15

Table 6 UNCG Second Year, Fall and Spring Course Selections

The Bachelor of Science in Mathematics, Advanced Mathematics Concentration requires a minimum of 120 semester hours (sh). UNCG requires a minimum 2.0 overall GPA for graduation. A minimum grade of C (2.0) is required for all CSC, MAT, and STA courses to count towards the major core and the concentrations.

Within the College of Arts and Sciences, students are required to demonstrate intermediate-level proficiency in an additional language. The typical sequence of UNCG courses for language is 101, 102, 203, and 204. College of Arts and Sciences considers successful completion of the 204 course a demonstration of proficiency. Students who transfer 60 or more credits to UNCG can satisfy this requirement by successfully completing a 102 course (equivalent of foreign language 112 at a NC Community College).

For more information, visit the Department website (https://mathstats.uncg.edu/) and the University Catalog (https://catalog.uncg.edu/arts-sciences/mathematics-statistics/mathematics-bs/)

This plan reflects the degree program's requirements published in the 2022-2023 university catalog. All guides are meant as an example of how a degree can be completed. Course availability, prior credit, course prerequisites, major requirements, and student needs must be considered in developing an individual academic pathway.