

Baccalaureate Degree Plan (BDP)
Associate in Science (AS) to BS Biochemistry

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)	4	BIO 111 and BIO 111L Principles of Biology I and 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)	4	BIO 112 and BIO 112L Principles of Biology II and Lab	4
MAT 172 (UGETC)	4	MAT 151 Precalculus II	3
Total semester hours earned:	17	Total semester hours earned:	16

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
CHM 151 (UGETC)	4	CHE 111 and CHE 112 General Chemistry I and General Chemistry I lab	4
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
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
CHM 152 (UGETC)	4	CHE 114 General Chemistry II and CHE 115 General Chemistry II lab	4
MAT 272 (UGETC)	4	MAT 296 Calculus B	4
Social/Behavioral Science (UGETC)	3		3
Other Required Hours	3		3
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)

If a student places into a higher math, additional courses for consideration include CHM 251 (UNCG CHE 351), CHM 252 (UNCG CHE 352/354), PHY 151 (UNCG PHY 211), PHY 152 (UNCG PHY 212). These courses are not required as part of the completion of the AA/AS. They are listed on the UNCG course plan.



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Schedule of Courses Upon Admission to UNC Greensboro Associate in Science (AS) to BS Biochemistry

UNCG First Year

Fall Semester	sh	Spring Semester	sh
CHE 331 & CHE 333	4	CHE 352 & CHE 355	5
CHE 342	3	(BIO 355 or BIO 392) & BIO 375	5
CHE 351 & CHE 353	5	PHY 212 & PHY 212L OR PHY 292 & PHY 292L	4
PHY 211 & PHY 211L OR PHY 291 & PHY 291L	4		
Total semester hours earned:	16	Total semester hours earned:	14

Table 5 UNCG First Year, Fall and Spring Course Selections

UNCG Second Year

Fall Semester	sh	Spring Semester	sh
CHE 401	0	CHE 457 & CHE 458	4
CHE 406 & CHE 407	5	CHE 402	1
CHE 456	3	Advanced Biological Science Elective	3-4
Advanced Biochemistry Science Elective	3-4	Elective	3
Elective	3-4	Elective	3-4
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 Biochemistry requires a minimum of 120 semester hours (sh). UNCG requires a minimum 2.0 overall GPA for graduation. Students must have a grade point average of at least 2.0 in Biology courses completed at UNC Greensboro.

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://chem.uncg.edu/undergraduate/bs-biochemistry/>

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.