

## Transfer Guide - Baccalaureate Degree Plan (BDP)

### Associate in Science (AS) to BS Computer Science – Data Science and Big Data Concentration

This is a suggested guide. Following the guide 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 UNCG's admissions website for more information on admission and transfer of credits.](#) Credit will only be awarded for transferable courses for which a grade of C or better is earned. Refer to the [NC Transfer Course List](#) for full listing of courses by designation – UGETC, CAA GEN ED, Pre-Major/Elective.

In completing the AS, in preparation for completing the BS Computer Science – Data Science and Big Data Concentration, students should complete the listed courses.

<b>UGETC - English Composition (6 SHC)</b>	<b>Credits</b>	<b>UNCG Equivalent Course</b>
ENG 111 Writing & Inquiry	3	ENG 101
ENG 112 Writing/Research in the Disciplines	3	ENG 102
<b>UGETC - Communications and Humanities/Fine Arts (6 SHC)</b>	<b>Credits</b>	<b>UNCG Equivalent Course</b>
Choose 2 courses from at least two different disciplines from UGETC list	6	
<b>UGETC - Social/Behavioral Science (6 SHC)</b>	<b>Credits</b>	<b>UNCG Equivalent Course</b>
Choose 2 courses from at least two different disciplines from UGETC list	6	
<b>UGETC - Mathematics (8 SHC)</b>	<b>Credits</b>	<b>UNCG Equivalent Course</b>
MAT 171	4	MAT 115
MAT 172	4	MAT 190
<b>UGETC – Natural Science (8 SHC)</b>	<b>Credits</b>	<b>UNCG Equivalent Course</b>
BIO 111 or CHM 151	4	BIO 111 & BIO 111L or CHE 111 & CHE 112
BIO 112 or CHM 152	4	BIO 112 & BIO 112L or CHE 114 & CHE 115

<b>Additional General Education Courses (11 SHC)</b>	<b>Credits</b>	<b>UNCG Equivalent Course</b>
Foreign Language 111*	3	FL 101
Foreign Language 112*	3	FL 102
MAT 271	4	MAT 196
Additional gen ed SHCs from the CAA course list	1	

\* Within the College of Arts and Sciences, students are required to demonstrate intermediate-level proficiency in an additional language. 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).

	<b>Credits</b>	<b>UNCG Equivalent Course</b>
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<b>Other Required Hours</b>		
ACA 122	1	ELE 000
Additional <b>14</b> SHC of courses classified as pre-major, elective or general education courses within the Comprehensive Articulation Agreement.		
CSC 151	3	CSC 130
MAT 272	4	MAT 296
Additional SHC of courses within the CAA	7	

Total hours earned for the AS degree: 60-61



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Schedule of Courses Upon Admission to UNC Greensboro  
Associate in Science (AS) to Bachelor of Science (BS) Computer Science –  
Data Science and Big Data Concentration

This schedule assumes full-time status at UNCG, with a minimum of 15 hours per semester.

Semester at UNCG	UNCG Course	Credits
Fall	CSC 230	3
Fall	CSC 250	3
Fall	CSC 261	3
Fall	PHI 222	3
Fall	STA 271 or STA 290	3
	Total semester hours earned:	15
Spring	CSC 330	3
Spring	CSC 350	3
Spring	CSC 362	3
Spring	Elective	3
Spring	Elective	3
	Total semester hours earned:	15
Fall	CSC 339	3
Fall	CSC 340	3
Fall	CSC 452	3
Fall	Concentration Elective	3
Fall	CSC 410	3

	Total semester hours earned:	15
Spring	CSC 462	3
Spring	CSC 490	3
Spring	CSC 471	3
Spring	CSC 405	3
Spring	CSC 300+ level elective	3
	Total semester hours earned:	15

The Bachelor of Science in Computer Science – Data Science and Big Data Concentration requires a minimum of 120 semester hours (sh). UNCG requires a minimum 2.0 overall GPA for graduation. The UNCG course schedule provides an outline for completing the degree in two years upon transfer. The Computer Science department strongly urges students not to take more than three computer science courses per semester (especially those that are deemed programming intensive or project-based). Thus, the degree plan could extend beyond two years.

For more information, visit the Department website: <https://compsci.uncg.edu/>

*This plan reflects the degree program's requirements published in the 2023-2024 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.*