

Transfer Guide - Baccalaureate Degree Plan (BDP)
Associate in Science (AS) to BS Physics

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 Physics, students should complete the listed courses

UGETC - English Composition (6 SHC)	Credits	UNCG Equivalent Course
ENG 111 Writing & Inquiry	3	ENG 101
ENG 112 Writing/Research in the Disciplines	3	ENG 102
UGETC - Communications and Humanities/Fine Arts (6 SHC)		
Choose 2 courses from at least two different disciplines from UGETC list	6	
UGETC - Social/Behavioral Science (6 SHC)		
Choose 2 courses from at least two different disciplines from UGETC list	6	
UGETC - Mathematics (8 SHC)		
MAT 271*	4	MAT 196
MAT 272	4	MAT 296
UGETC – Natural Science (8 SHC)		
CHM 151	4	CHE 111 & CHE 112
CHM 152	4	CHE 114 & CHE 115

Additional General Education Courses (11 SHC)	Credits	UNCG Equivalent Course
Foreign Language 111**	3	FL 101
Foreign Language 112**	3	FL 102
PHY 251	4	PHY 291
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).

Other Required Hours	Credits	UNCG Equivalent Course

ACA 122	1	ELE 000
Additional 14 SHC of courses classified as pre-major, elective or general education courses within the Comprehensive Articulation Agreement.		
MAT 273	4	MAT 396
PHY 252	4	PHY 292
CSC 151***	3	CSC 130
Additional SHC of courses within the Comprehensive Articulation Agreement	3	

Total hours earned for the AS degree: 60-61

*Students who do not place into Calculus should speak with their advisor and adjust their plan accordingly.

***CSC 151 will NOT AUTOMATICALLY satisfy UNCG's Physics degree requirements as CSC 120 (at UNCG) is required. Students should speak with a UNCG Physics department advisor.



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

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

Semester at UNCG	UNCG Course	Credits
Fall	MAT 390	3
Fall	PHY 311	3
Fall	Elective	3
Fall	Elective	3
Fall	Elective	3
	Total semester hours earned:	15
Spring	PHY 321	3
Spring	PHY 323 or PHY 325 (whichever is offered)	3
Spring	PHY 351 or PHY 411 (whichever is offered)	3
Spring	Elective	3
Spring	Elective	3
	Total semester hours earned:	15
Fall	PHY 327 or PHY 421 (whichever is offered)	3

Fall	PHY 400-level course (whichever is offered)	3
Fall	Elective	3
Fall	Elective	3
Fall	Elective	3
	Total semester hours earned:	15
Spring	PHY 323 or PHY 325 (whichever is offered)	3
Spring	PHY 351 or PHY 411 (whichever is offered)	3
Spring	PHY 401	1
Spring	Elective	3
Spring	Elective	3
	Total semester hours earned:	13
Fall (extra)	PHY 327 or PHY 421 (whichever is offered and needed)	3
	Total semester hours earned:	3

The Bachelor of Science in Physics requires a minimum of 120 semester hours(sh). Students must have at least a 2.0 GPA for the required Physics and Mathematics courses. UNCG requires a minimum 2.0 overall GPA for graduation.

Students should speak with a UNCG Physics & Astronomy advisor to develop a plan customized to their specific background, needs, and interests. For more information, visit the Department website (<https://physics.uncg.edu>) or contact a Physics advisor by email at physics.advising@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.