

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

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
CHM 151 (UGETC)	4	CHE 111 & CHE 112 General Chemistry I and Lab	4
ENG 111 (UGETC)	3	ENG 101 Exploring Writing in College Contexts	3
Foreign Language 111 (GEN ED)	3	Foreign Language 101	3
MAT 271* (UGETC)	4	MAT 196 Calculus A	3
<b>Total semester hours earned:</b>	<b>15</b>	<b>Total semester hours earned:</b>	<b>15</b>

*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 112	3	Foreign Language 102	3
Social/Behavioral Science (UGETC)	3		3
CHM 152 (UGETC)	4	CHE 114 & CHE 115 General Chemistry II and Lab	4
MAT 272 (UGETC)	4	MAT 296 Calculus B	4
<b>Total semester hours earned:</b>	<b>17</b>	<b>Total semester hours earned:</b>	<b>16</b>

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

**NC Community College Second Year  
Fall Semester**

<b>NCCCS Course</b>	<b>NCCCS sh</b>	<b>UNCG Course Equivalent</b>	<b>UNCG sh</b>
Social/Behavioral Science (UGETC)	3		3
PHY 251 (UGETC)	4	PHY 291 General Physics I with Calculus	4
MAT 273 (GEN ED)	4	MAT 396 Calculus C	4
Communications/Humanities/Fine Arts (UGETC)	3		3
<b>Total semester hours earned:</b>	<b>14</b>	<b>Total semester hours earned:</b>	<b>14</b>

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

**NC Community College Second Year  
Spring Semester**

<b>NCCCS Course</b>	<b>NCCCS sh</b>	<b>UNCG Course Equivalent</b>	<b>UNCG sh</b>
PHY 252 (UGETC)	4	PHY 292 General Physics II with Calculus	4
CSC 151** (Pre-Major/Elective)	3	CSC 130 Introduction to Computer Science	3
Communications/Humanities/Fine Arts (UGETC)	3		3
<b>Other Required Hours</b>	<b>4</b>		<b>4</b>
<b>Total semester hours earned:</b>	<b>14</b>		<b>14</b>

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

\*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.

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)



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

### UNCG First Year

Fall Semester	sh	Spring Semester	sh
MAT 390	3	PHY 311	3
PHY 323	3	PHY 321	3
PHY 351	3	Elective	3
Elective	3	Elective	3
Elective	3	Elective	3
<b>Total semester hours earned:</b>	<b>15</b>	<b>Total semester hours earned:</b>	<b>15</b>

*Table 5 UNCG First Year, Fall and Spring Course Selections*

### UNCG Second Year

Fall Semester	sh	Spring Semester	sh
PHY 325	3	PHY 327	3
PHY 400 Level Course	3	PHY 401	1
Elective	3	PHY 421	3
Elective	3	PHY 400 Level Course	3
Elective	3	Elective	3
		Elective	3
<b>Total semester hours earned:</b>	<b>15</b>	<b>Total semester hours earned:</b>	<b>16</b>

*Table 6 UNCG Second Year, Fall and Spring Course Selections*

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.

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).

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](mailto:physics.advising@uncg.edu).

*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.*