

# PROGRAMS

## ASSOCIATE IN SCIENCE (A10400)

The Associate in Science degree is designed for students who wish to transfer to a university to earn a Bachelor of Science degree in one of the following fields: architecture; agriculture; biological and life sciences; business, management, and marketing; computer and information sciences; corrections and criminal justice; engineering; engineering technologies; health professions and clinical sciences; mathematics and statistics; parks, recreation, and fitness studies; physical sciences; science education; social sciences; and transportation and materials moving. Students who are interested in a career in dentistry, law, medicine, theology or ministry, optometry, pharmacy, physical therapy, or veterinary medicine are usually required or at least strongly encouraged to earn a bachelor's degree before applying to one of these graduate or professional degree programs.

The Associate in Science degree shall be granted for a planned program of study consisting of a minimum of 60 and a maximum of 61 semester hours of college transfer courses. Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and the basic computer use. More specifically, students foster a greater understanding of reading comprehension, communication, and critical thinking as student learning outcomes.

Courses are approved for transfer through the Comprehensive Articulation Agreement (CAA). To be eligible for the transfer of credits under the CAA, A.S. graduates must obtain a grade of "C" or better in all CAA courses and an overall GPA of at least 2.0 on a 4.0 scale. A.S. graduates who have met these criteria will receive at least 60 semester hours of academic credit upon admission to a university. A.S. transfer students are strongly encouraged to align their course work to the Baccalaureate Degree Plan (BDP) of their intended major at their intended university. Baccalaureate Degree Plans are available at [www.northcarolina.edu](http://www.northcarolina.edu). Courses may also transfer through bilateral agreements between institutions. Courses offered through bilateral agreements may not transfer to all receiving universities.

### Associate Degree Program

Courses	Semester Hours
<b>UNIVERSAL GENERAL EDUCATION TRANSFER COMPONENT (34 SHC)</b>	<b>34</b>

The Universal General Education Transfer Component (UGETC) includes study in the areas of humanities, fine arts, communication, social and behavioral sciences, natural sciences, mathematics, and English composition.

#### English Composition (6 SHC) ..... 6

Two English composition courses are required:

ENG-111 and ENG-112

#### Humanities/Fine Arts (6 SHC) ..... 6

Select **two** courses. Those courses must be from **two** different discipline areas:

Art (ART-111, 114, 115)

Communication (COM-120, 231)

Drama (DRA-111)

Literature (ENG-231, 232, 241, 242)

Music (MUS-110, 112)

Philosophy (PHI-215, 240)

**Social/Behavioral Sciences (6 SHC)..... 6**

Select **two** courses. Those courses must be from **two** different discipline areas:

Economics (ECO-251, 252)

History (HIS-111, 112, 131, 132)

Political Science (POL-120)

Psychology (PSY-150)

Sociology (SOC-210)

**Mathematics (8 SHC)..... 8**

Select **two** courses from the following. One course must be a 200-level course:

MAT-171, 172, 263, 271, 272

**Natural Sciences (8 SHC)..... 8**

Select an 8 SHC two-course sequence from the following:

BIO-111 General Biology I (4 SHC) **and** BIO-112 General Biology II (4 SHC) or

CHM-151 General Chemistry I (4 SHC) **and** CHM-152 General Chemistry II (4 SHC) or

PHY-151 College Physics I (4 SHC) **and** PHY-152 College Physics II (4 SHC) or

PHY-251 General Physics I (4 SHC) **and** PHY-252 General Physics II (4 SHC)

**ADDITIONAL GENERAL EDUCATION HOURS (11 SHC)..... 11**

Select an additional 11 SHC of courses from the list below. Those courses are classified as mathematics, natural sciences, or computer science general education courses from the Comprehensive Articulation Agreement. Some are UGETC courses. Students should select these courses based on their intended major and transfer university.

AST-111 and 111A

BIO-110, 111, 112, 120, 130, 140 and 140A

CHM-151, 152

CIS-110, 115

GEL-111

MAT-143, 152, 171, 172, 263, 271, 272, 273

PHY-110 and 110A, 151, 152, 251, 252

**TOTAL GENERAL EDUCATION HOURS REQUIRED (45 SHC).... 45**

**Note: If students have more than 45 credits in the General Education section, the extra credits can be applied to the Other Required Hours section.**

**OTHER REQUIRED HOURS (15 SHC)\* ..... 15**

Academic Transition (1 SHC)

The following course is required:

ACA-122 College Transfer Success..... 1

An additional 14 SHC of courses should be selected from the list below. Those courses are classified as pre-major, elective or general education courses within the Comprehensive Articulation Agreement. Students should select these courses based on their intended major and transfer university. UGETC courses and Additional General Education Hours courses may also be used in this category, if not used elsewhere.

ACC-120, 121

ANT-210, 220, 221, 240

All ART Prefix Courses

ASL-111, 112, 211, 212

BIO-155, 163, 168, 169, 175, 271, 275

BUS-110, 115, 137

CHM-130 and 130A, 251, 252

CJC-111, 113, 121, 141, 212

COM-110, 140, 150

CSC-134, 139, 151

CTS-115

DFT-170

All DRA Prefix Courses

ECO-151

- EDU-131, 144, 145, 216, 221
- EGR-120, 150, 220
- ENG-114, 125, 126, 131, 261, 262, 273
- FRE-111, 112, 211, 212
- HEA-112
- HIS-121, 122, 151, 221, 236
- HUM-110, 115, 120, 122, 130, 150, 160, 170, 180, 211, 212, 220, 230
- MAT-285
- ALL MUS Prefix Courses
- ALL PED Prefix Courses
- POL-110, 210, 220
- PSY-230, 231, 237, 239, 241, 243, 249, 259, 263, 271, 275, 281
- REL-110, 211, 212, 221
- SOC-213, 220, 225, 230, 234, 240, 242
- SPA 111, 112, 161, 211, 212

TOTAL SEMESTER HOURS CREDIT (SHC) IN PROGRAM..... 60-61

\*Students must meet the receiving university’s foreign language and/or health and physical education requirements, if applicable, prior to or after transfer to the senior institution.

Associate in Science Course Sequence Example

		Course Hours Per Week		Semester Hours
First Semester (Fall)		Class	Lab	Credit
ACA-122	College Transfer Success	0	2	1
ENG-111	Writing and Inquiry	3	0	3
MAT***	Math UGETC course**			4
***	BIO, CHM, or PHY I UGETC course			4
***	Hum/FA/Com UGETC course	3	0	3
***	Soc/Beh Science UGETC course	3	0	3
Credit Hours		9	2	18
Second Semester (Spring)				
ENG-112	Writing/Research in the Disc	3	0	3
MAT***	Math UGETC course**			4
***	BIO, CHM, or PHY II UGETC course			4

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 Programs
 

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		Course Hours Per Week		Semester Hours
***	Hum/FA/Com UGETC course	3	0	3
***	Soc/Beh Science UGETC course	3	0	3
	<b>Credit Hours</b>	<b>9</b>	<b>0</b>	<b>17</b>

**Third Semester (Fall)**

***	Sci/Math Gen Ed courses or Other Required Hours courses			13
	<b>Credit Hours</b>	<b>0</b>	<b>0</b>	<b>13</b>

**Fourth Semester (Spring)**

***	Sci/Math Gen Ed courses or Other Required Hours courses			12
	<b>Credit Hours</b>	<b>0</b>	<b>0</b>	<b>12</b>

Total Required Minimum Semester Hours Credit				60
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\*\*At least one math UGETC course must be a 200-level course.

**Note: Students are strongly encouraged to complete their UGETC requirements during their first two semesters at Sandhills.**

[View Catalog Archives](#)

**Professor Catherine Skura, University Studies Coordinator**  
 208 Stone Hall  
 910.695.3750  
[skurac@sandhills.edu](mailto:skurac@sandhills.edu)