

Associate in Science (A10400)

The Associate in Science degree shall be granted for planned programs of study consisting of a minimum of 64 and a maximum of 65 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 use of computers. (Ref. 23 NCAC 2E.0204)

Courses are approved for transfer through the Comprehensive Articulation Agreement. Community college graduates who have earned 64 semester hours of academic credit in approved transfer courses with a grade of "C" or better in each course and an overall GPA of at least 2.0 on a 4.0 scale will receive at least 64 semester hours of academic credit upon admission to a university. Courses may also transfer through bilateral agreements between institutions. Courses offered through bilateral agreements may not transfer to all receiving institutions.

GENERAL EDUCATION CORE (44 SHC)*

The general education core includes study in the areas of humanities and fine arts, social and behavioral sciences, natural sciences and mathematics, and English composition.

English Composition (6 SHC) *Two English composition courses are required.*

ENG 111 Expository Writing (3 SHC) is required as the first composition course.

The second composition course must be selected from the following:

- ENG 112 Argument-Based Research (3 SHC) *or*
- ENG 113 Literature-Based Research (3 SHC) *or*
- ENG 114 Professional Research and Reporting (3 SHC)

Humanities/Fine Arts (9 SHC)** *Three courses from three discipline areas are required.*

One course must be a literature course.

Two additional courses from two of the following discipline areas are required:
art, drama, dance, foreign languages, interdisciplinary humanities, music, philosophy,
and religion.

Social/Behavioral Sciences (9 SHC) *Three courses from three discipline areas are required.*

One course must be a history course.

Two additional courses from two of the following discipline areas are required: anthropology,
economics, geography, political science, psychology, and sociology.

Natural Sciences/Mathematics: (20 SHC)

Natural Sciences (8 SHC minimum):

A minimum two-course sequence from the following general biology, general chemistry, or general physics courses is required:

- 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)

Mathematics (6 SHC minimum):

One course in mathematics at the precalculus algebra level or above is required; the other course(s) may be higher level mathematics or may be selected from among other quantitative subjects, such as computer science and statistics.

Six additional semester hour credits must be selected from courses designated as Natural Sciences/Mathematics general education transfer courses.

A college may award a diploma under the A10400 for completion of the entire general education core, as outlined, with a grade of "C" or better in each course.

Other Required Hours (20-21 SHC)*

One semester hour of credit may be included in a sixty-five semester hour credit associate in science program. The transfer of the 65th hour is not guaranteed.

A minimum of 14 SHC of college transfer courses in mathematics, natural sciences or computer science is required. The remaining courses may be selected from general education, pre-major or elective courses.

Total Semester Hours Credit (SHC) in Program: 64-65

***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.**

**** 3 SHC in Speech/Communication may be substituted for 3 SHC in Humanities/Fine Arts. Speech/Communication may not substitute for the literature requirement.**