

SCIENCE (880)

Purpose: With the tremendous emphasis on scientific discoveries and technological developments in today's society, there is a great demand for scientists and scientifically oriented people in business, government, industry, and the professions. This degree, with a major in physical or natural science, is designed for persons who are interested in a preprofessional or scientific program and who plan to transfer to four-year institutions to complete baccalaureate degree programs. Students interested in a computer science major should refer to the section on Science/Specialization in Computer Science.

A student's course of study may be modified by the division dean of the Natural, Health and Social Sciences Division upon request.

Special Admission and Program Requirements: Students planning to transfer to a four-year college or university should see Selection of General Education Courses section of this catalog.

For articulation and **General Education Electives** and transfer information, see the Program Information section of the catalog.

Developmental Studies: To ensure a reasonable chance of success in pursuing this program of study, some students may be required to enroll in specified developmental courses in mathematics, written English and/or reading based on performance on placement tests and assessment of prior education. It is important that these developmental courses be completed as quickly as possible so that students will be appropriately prepared to pursue this program of study. For additional information, see Developmental Studies.

For more information, contact the **Science and Allied Health Division** in room 329 Hastings Hall, 757/825-3670, or at www.tncc.edu.

GENERAL EDUCATION COURSES

<i>Course #</i>	<i>Course Title</i>	<i>Credits</i>
ENG 111-112	College Composition I and II	3-3
---	Speech Elective ¹	3
---	Humanities Electives ²	6
---	Social Science Electives ³	6
---	History Elective I and II	3-3
MTH 163-164	Pre-Calculus I and II	3-3
---	Laboratory Science I and II ⁴	4-4
HLT/PED	Health or Physical Education Elective(s)	2
SDV 100	College Success Skills	1
Total General Education Course Credits		44

MAJOR AND OTHER COURSES

<i>Course #</i>	<i>Course Title</i>	<i>Credits</i>
---	Computer Science Elective	3
---	Laboratory Science I and II ⁴	4-4
---	Transferable Electives ⁵	6
Total Major and Other Course Credits		17
Total Minimum Credits		61

¹One course selected from SPD 100 or SPD 200.

²Two semesters of humanities may be selected from the areas of literature, religion, art, music, philosophy, and humanities. See the Program Information section for a list of approved courses.

³Two semesters of social science may be selected from the disciplines of ECO, GEO, PLS, PSY, SOC. Social science electives should be selected in conjunction with an advisor after the student has examined the requirements at the transfer institution.

⁴Two-semester laboratory science may be selected from the following: BIO 101-102, BIO 141-142, CHM 111-112, CHM 241-242, CHM 245-246, GOL 105-106, PHY 201-202, PHY 241-242 or any two of the following: BIO 150, BIO 247, BIO 270.

⁵Electives should be selected after consulting the catalog of the anticipated transfer institution. Note: CHM 101-102 does not satisfy laboratory science or elective credits for this program.

SUGGESTED COURSE SEQUENCE FOR FULL-TIME STUDY

<i>Fall</i>	<i>Spring</i>	<i>Fall</i>	<i>Spring</i>
ENG 111	Comp.Science Elective	Elective	Elective
HIS I	ENG 112	HUM	HUM
HLT/PED	HIS II	Lab Science III	Lab Science IV
Lab. Science I	HLT/PED	Social Science	Social Science
MTH 163	Lab Science II		
SPD Elective	MTH 164		
SDV 100			

POSSIBLE CAREER OPPORTUNITIES

Agriculture	Geology	Oceanography
Biology	Marine science	Pharmacy
Environmental Science	Mathematics	Physical education
Forestry	Medicine	