

ASSOCIATE OF SCIENCE DEGREE PROGRAM

Computer Science

NHSC's Computer Science Program prepares students for immediate entry-level employment or to transfer to four-year colleges and earn bachelor's degrees in computer science.

The program provides both theory and hands-on training in programming languages. Adding industry certifications, such as A+ and/or Network+, is recommended.

Career paths available with an associate of arts degree in business administration include:

- Computer programmer
- Computer support specialist
- System analyst
- Software engineer
- Software developer
- Mobile application developer
- Data engineer
- Data scientist
- Data entry position

TOGETHER WE THRIVE
Start Your Career Today!



701-627-4738 | NHSC.EDU

301 College Drive, New Town, ND 58763

GENERAL EDUCATION COURSES

COURSE/TITLE		CREDITS
ENGLISH & SPEECH (9)		
COMM 110	Fundamentals of Public Speaking	3
ENG 110	Composition I	3
ENG 120	Composition II	3
FOUNDATIONS & FITNESS (2)		
PSY 100	Psychology of Student Success	1
ASMT 200	Assessment of Student Learning	1
HUMANITIES & NATIVE AMERICAN STUDIES (6 AS ADVISED)		
NAS 201	History of TAT	3
NAS 113/115 or 117	Hidatsa, Mandan, Arikara	3
MATH, SCIENCE & TECHNOLOGY (11 AS ADVISED)		
MA 103 (or above)	College Algebra	4
	Science Elective	4
CSCI 101	Introduction to Computers	3
SOCIAL/BEHAVIORAL SCIENCE (6 AS ADVISED)		
ECON 201	Microeconomics	3
		3
WELLNESS (2 AS ADVISED)		
		1
		1

CORE REQUIREMENTS

COURSE/TITLE		CREDITS
CSCI 160	Computer Science I	4
CSCI 161	Computer Science II	4
CSCI 213	Modern Software Development	3
MA 165	Calculus I	4
MA 166	Calculus II	4
MA 208	Discrete Mathematics	4
ENGR297	Engineering Internship	1

ELECTIVES

COURSE/TITLE		CREDITS
CSCI 102	Basic Computer and Hardware	4
CSCI 103	Networking and Troubleshooting	4
CSCI 104	Operating System and Technologies	4
CSCI 105	Software Troubleshooting and Security	4
CHEM 121	General Chemistry I	4
CHEM 122	General Chemistry II	4
PHY 251	University Physics I	4
PHY 252	University Physics II	4

<i>Total General Education Requirements Required</i>	36
<i>Total Core Required Credits</i>	24
<i>Electives</i>	8
<i>Total Degree Credits</i>	68

