

Computer Science Transfer

► Contact Information

Bonnie Schillinger, department chair
Bonnie.Schillinger@ndscs.edu
701-671-2496
Horton Hall 227/NDSCS-Fargo 138

► Delivery Methods

Face-to-Face: Wahpeton
Face-to-Face: Fargo
Online: Some Classes
Combination

The Computer Science transfer curriculum plan provides articulation to professional programs in computer science. In addition, this plan meets the Liberal Arts Program Purposes listed in the *NDSCS Catalog*.

If you are creative, a logical thinker, pay attention to detail, are easily motivated, work well on your own and are capable of sound decision-making, you are an excellent candidate for working in the computer area.

Facilities

NDSCS has hardware and networking labs. Each of these labs has current equipment and software.

Information and Communications Technology students are required to purchase laptop computers. These laptops give students adequate computer access to complete projects and assignments given in class.

The software necessary for the CIS/CSCI classes in this curriculum are included with the textbooks.

Instruction and advising

The instructors for this program have formal educational training, industry training and certifications and work experience in Information Technology. The average class size is 25 students. Most of the computer information systems classes have a lab period which enables students to receive individualized attention when it is needed.

NOTE: This program requires either an HP EliteBook 850 or ZBOOK 15 laptop or equivalent. Please refer to the NDSCS website for specifications. The cost will be approximately \$1065.00 for the EliteBook 850 and \$2100.00 for the ZBOOK 15, if purchased through NDSCS. For further information, contact the NDSCS ITS Department at 701-671-3333 option 5.

Course Code	Course Title	Credits
COMM 110	Fundamentals of Public Speaking	3
CIS 220	Operating Systems (UNIX)	3
CSCI 116	Business Use of Computers	3
CSCI 133	Database Concepts I (SQL)	3
CSCI 160	Computer Science I	4
CSCI 161	Computer Science II (Java)	4
ENGL 110	College Composition I	3
ENGL 120	College Composition II	3
	Wellness Elective(s)	2
MATH 165	Calculus I	4
MATH 166	Calculus II	4
	CIS/CSCI or General Electives*	6
FYE 101	Science of Success	1
	Humanities/History Electives	6
	<i>From two different prefixes within the categories marked ND:HUM or ND:HIST</i>	
	Science Electives	8
	<i>Any course marked ND:LABSC</i>	
	Social and Behavioral Sciences Electives	8
	<i>From two or more prefixes within the category marked ND:SS</i>	
	Required:	
ECON 201	Principles of Microeconomics (3)	

Total Required Credits **65**

*Consult academic advisor in selecting electives that are most appropriate for the intended bachelor's program.

This curriculum meets the North Dakota University System general education requirements as indicated in the *NDSCS Catalog* under the heading: NDUS General Education Transfer Agreement.

Admission Requirements

The applicants must be high school graduates or equivalent. Helpful courses to prepare for this curriculum are upper-level mathematics classes.

Award

Upon successful completion of the required courses, students will be awarded an Associate in Science degree in Liberal Arts.