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: It is required that students entering this program purchase a notebook computer. The cost will be approximately $1,500 with several purchase or lease options available. For further information, call the Information Technology Department at 701-671-3333.

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.

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       |

Science Electives | 8|
Any course marked ND:LABSC | |
Social and Behavioral Sciences Electives | 8|
From two or more prefixes within the category marked ND:SS | |
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.