

Transfer Guide for Computer Information Systems Normandale Community College

The table below lists The College of St. Scholastica's Computer Information Systems Major requirements along with equivalent courses that can be transferred from Normandale Community College.

| The College of St. Scholastica CIS major requirements are noted in the first column. | Normandale Community College equivalent or substitution courses are noted in the second column. |
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| CIS 1001 Computer Science Principles | CSCI 1101 Intro to Computing and Problem Solving or CSCI 1111 Introduction to Programming in C or CSCI 2001 Computer Programming Concepts or CIM 1220 Business Problem Solving Analyzing |
| CIS 2011 Computer Architectures | COMT 1173 PC Architecture Operation and Interface |
| CIS 2085 Programming I with Java | CSCI 1203 Introduction to Computer Programming in Java or COMT 2250 Object Oriented Programming with Java |
| <p>The following CIS major requirements do not have an equivalency at Normandale Community College.</p> <p>CIS 2087 Programming II with Java CIS 3107 Database Modeling CIS 3108 Systems Analysis and Design CIS 4108 Project Management CIS 4109 Capstone Project CIS 4555 Systems Development Internship MGT 3150 Management Communications</p> | <p>Courses that do not have a transfer equivalency or substitution must be completed at The College of St. Scholastica.</p> |
| <p>The CIS major requires a concentration.</p> <p>Students transferring the Computer Science Pathway A.S. from Normandale Community College may apply these courses toward a Programming Custom Concentration for the CIS major. The custom concentration requires a minimum of 24 credits.</p> | <p>Complete the following courses:</p> <p>CSCI 1111 Introduction to Programming in C (4cr) CSCI 2002 Algorithms and Data Structures (4cr) CSCI 2021 Machine Architecture and Organization (4cr) CSCI 2011 Discrete Structures of Computer Science (4cr) CSCI 1202 Introduction to Object-Oriented in C++ (4cr) CSCI 2033 Elementary Computer Linear Algebra (4cr) or MATH 1510 Calculus (5cr)</p> |
| <p>Students transferring the Computer Technology A.A.S. from Normandale Community College may apply these courses toward a Computer Technology Custom Concentration for the CIS major. The custom concentration requires a minimum of 24 credits.</p> | <p>Complete 24 or more credits from the following courses:</p> <p>COMT 1184 Telecommunications (3cr) COMT 1205 Introduction to Visual Basic (3cr) CSCI 1111 Introduction to Programming in C (4cr) CSCI 1202 Introduction to Object Oriented in C++ (4cr) ENGT 1511 Introduction to Engineering Technology (3cr) ENGT 1514 Computer Integrated Manufacturing (3cr) MATH 1100 College Algebra and Probability (4cr) MATH 1080 Introduction to Statistics (4cr) MATH 1090 STATWAY Statistics 2 (4 cr) BUSN 2220 Statistics for Business and Economics (4cr)</p> |
| <p>Students transferring the Data Analytics A.S. from Normandale Community College may apply these courses toward a Data Analytics Custom Concentration for the CIS major. The custom concentration requires a minimum of 24 credits.</p> | <p>Complete the following courses:</p> <p>CSCI 1111 Introduction to Programming in C (4cr) CSCI 2002 Algorithms and Data Structures (4cr) DSCI 2000 Introduction to Data Science (3cr) MATH 2080 Statistical Modeling (3cr)</p> <p>Complete three (3) of the following courses:</p> <p>MATH 1080 Introduction to Statistics (4cr) MATH 1090 STATWAY Statistics 2 (4cr) MATH 1100 College Algebra and Probability (4cr) MATH 1400 Survey of Calculus (4cr) MATH 1500 Pre-Calculus (5cr) MATH 1510 Calculus 1 (5cr)</p> |
| <p>Students transferring the Healthcare Systems Technology A.A.S. from Normandale Community College may apply these courses toward a Healthcare Systems Technology Custom Concentration for the CIS major. The custom concentration requires a minimum of 24 credits.</p> | <p>Complete the following courses:</p> <p>COMM 1111 Interpersonal Communication (3cr) COMT 1182 Advanced Database with Crystal Reports (3cr) HCST 2096 Professional Practice Experience (2+cr) HCST 2100 Introduction to Health Information Tech. (4cr) HCST 2200 Privacy and Security in Health Info. Tech. (2cr) HLTH 1010 Health Professions Terminology (3cr) HLTH 2010 Healthcare in the US (3cr) MATH 1080 Introduction to Statistics (4cr)</p> |

General Education Requirements

In addition to completing the courses required for the major, students must also complete The College of St. Scholastica's General Education requirements referred to as Veritas. The Veritas requirements for transfer students are noted below.

Foundations courses: First Year Composition, Interpersonal Communication, Math (met with CIS 1001 in the major)

Conceptions and Integrations courses: Natural Science, History, Literature, Fine Arts, Religious Studies, Social Sciences, Philosophy, and the Open Pathway (met with MGT 3150 in the major)

Students may transfer in much of the coursework for Veritas, however, they must complete two Integrations courses at The College of St. Scholastica (CSS). Integrations courses are upper division courses that are intended to be writing intensive. MGT 3150 in the major will fulfill one of the Integrations course requirements. One additional Integrations course must be completed at CSS and the remaining general education requirements can be met with approved transfer courses. General Education transfer information is available in the course notes area on the Transferology website at www.transferology.com.

The College of St. Scholastica also accepts the Minnesota Transfer Curriculum (MnTC) to fulfill the Veritas General Education requirements except for a religious studies course and one Integrations course. The religious studies requirement may be fulfilled by an approved transfer course. MGT 3150 will fulfill the Integrations requirement.

This guide applies to the 2018-2019 academic year and is subject to the transfer policy noted in the college catalog in effect at the time of admission to the College. Please note that students admitted as first-year students must also complete the Dignitas requirement and the Language requirement unless otherwise exempt.

About the Computer Information Systems Program

The 100 percent online Bachelor of Arts in Computer Information Systems offers students a flexible and convenient path into the rapidly evolving IT career field. Graduates of the program will be skilled in the following areas:

- Analysis, design and construction of solutions to simple and complex problems.
- Evaluation, selection and application of methods and software tools to meet organizational needs.
- Communication of ideas through oral presentations, written documents and software documentation.
- Working effectively as a member of a team to complete a project under project management direction.
- Articulation and application of personal and organizational values within the context of professional codes of ethics.
- Researching, learning and applying new technologies and/or methodologies.

The College of St. Scholastica's CIS Program Benefits

- Preparation for a variety of IT-related careers
- Available in a fully online format
- Students work with an advisor to design a unique degree completion plan that fits their needs

Transferring to The College of St. Scholastica

The College of St. Scholastica accepts transfer credits to satisfy major requirements as noted in this guide. Grades earned must be a C or better for transfer. To transfer credits an official transcript must be sent directly to St. Scholastica.

Requirements for Admission to the CIS Program

- High school diploma or GED
- Cumulative GPA of at least 2.0 for entrance into the college

Note: Meeting minimum entrance requirements does not guarantee admission. The College may still consider applicants with a lower GPA through a special status committee; contact an admissions counselor to learn more.

St. Scholastica Graduation Requirements

- Minimum 128 semester credits earned
- Minimum 42 upper division credits (at or above the 3000 level)
- Last 32 credits taken at The College of St. Scholastica, 16 credits in the major
- Complete the requirements for general education and your major
- Achieve minimum GPA of 2.0 in the major and an overall "C" average
- Maximum number of Physical Education credits that can count toward graduation is 8.

Additional information can be found online at go.css.edu/CSCIS.