

# Computer Information Systems Major Networking Concentration

## Major Course Work

<b>General Education</b>	<b>46</b>
<b>Computer Information Systems Major</b>	<b>57</b>
<b><u>CIS Foundation Courses</u></b>	<b>24</b>
CIS 132 Principles of Computing and Information Systems	3
140 Introduction to Microcomputer Operating Systems	3
171 Networking I	3
360 Computer Information Systems: Analysis & Design	3
366 Introduction to Data Base	3
372 Computer Hardware	3
480 Seminar in Comp Info Systems	3
CSC 150 Programming Fundamentals I	3
<b><u>Business Support Courses</u></b>	<b>12</b>
BUS 142 Survey of Accounting	3
308 Strategic Communications	3
360 Management Theory & Practice	3
CIS 352 Structured Business Programming	3
<b><u>Networking Concentration</u></b>	<b>21</b>
CIS 271 Networking II	3
361 Computer Information Systems: Design, Implement, & Evaluation	3
390 CIS Practicum	3
Committee-approved Electives (numbered 300 or above)*	9
CSC160 Programming Fundamentals II	3
<b><u>General Electives</u></b>	<b>22</b>
<b>Total Semester Credit Hours</b>	<b>125</b>

## Goals & Objectives

The CIS curriculum is designed to: (1) provide students a breadth of knowledge and experiences; (2) allow students to specialize within the curriculum; (3) provide students with pertinent, up-to-date information and experiences; and (4) provide students with skills/knowledge that allow them to be competitive in a broad range computer job market.

These objectives are addressed through a broad based CIS core requirement, a supplemental business core requirement, and committee-approved electives. The curriculum incorporates mainframe, microcomputer, telecommunications, and network technology to provide students with background necessary to develop knowledge, skills, and attitudes required for a successful career in computer information systems.

Computer Information Systems majors should meet with their advisors to determine the appropriate math course to satisfy the General Education, Mathematics requirement.

## Job Opportunities

Completion of the degree in Computer Information Systems provides for a wide variety of job opportunities including the following:

**Network Designer**

**Network Administrator**

**Network Technician**

**Network Support Specialist**

# Wayne State College

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