



FERRIS STATE UNIVERSITY

Bachelor of Science

Computer Information Systems

on the campus of Southwestern Michigan College

Computers and information systems are essential to all aspects of business and life. Individual business departments, corporations, or multi-national enterprises need professionals to relate the problem-solving abilities of a computer system.

The CIS curriculum provides you with a broad understanding of core business functions, competency in computer programming, knowledge of information technology infrastructure, and a sound foundation in systems analysis and design. Furthermore, the CIS curriculum provides the necessary related business skills for immediate employment in information systems and for advancement to management positions.

The potential for employment is enormous. According to the Bureau of Labor Statistics (BLS), four of the top 10 fastest growth jobs for this decade (2002-2012) are in computer and computing-related positions. Positions include such jobs as systems analyst; systems integrator; systems architect; network administrator; applications programmer/analyst; software developer; computer support specialist; systems administrator; systems programmer; project leader; database administrator and business analyst.

General Admission Criteria

To be admitted to this program you must have an associate degree with at least 48 transferable semester credit hours (C or better) or 48 transferable semester credit hours from an accredited college or university, with a 2.0 overall GPA.

Course Requirements

Southwestern Michigan College

General Education

SPEE 102 Fund of Public Speaking.....	3
ENG 103 Freshman English II.....	3
ENG 104 Freshman English III.....	3
Science w/lab.....	4
Science Elective.....	3
Cultural Enrichment Electives.....	6
PHIL 210 Intro to Ethics.....	4
MATH 105 Intermediate Algebra.....	3
ECON 201 Macroeconomics.....	3
ECON 202 Microeconomics.....	3
General Electives.....	2
HUMN 217 Intro to Logic.....	3

Business Core

ACCO 201 Principles of Accounting I.....	4
ACCO 202 Principles of Accounting II.....	4
BUSI 207 Business Law I.....	3
BUSI 201 Principles of Management.....	3
BUSI 220 Principles of Marketing.....	3
MATH 150 Statistics.....	3

Major Courses

ISYS 115 Logic and Flowcharting.....	3
ISYS 182 Database.....	3
ISYS 225 Programming in C Lang.....	3
ISYS 226 Advanced C.....	3
ISYS 271 Networking Essentials.....	3
ISYS 290 Systems Analysis.....	3
Directed Electives.....	15

Can be from SMC or Ferris. See your Ferris advisor.

Total SMC Credits..... 93

Ferris State University

General Education

COMM 336 Technical and Professional Communication.....	3
ENGL 325 Advanced Writing for Business.....	3

Choose one:

PLSC 323 International Organizations.....	3
PLSC 331 Comparative Governments.....	3
PLSC 341 International Politics.....	3

Business Core

BUSN 499 Interdisciplinary Integrated Experience.....	3
FINC 322 Financial Management.....	3
ISYS 321 Business Info Systems.....	3
MGMT 370 Quality/Operations Management.....	3

Major Courses

ISYS 371 Adv DB Design/Implementation.....	3
ISYS 411 Project Management.....	3
ISYS 470 DB Administration.....	3
ISYS 488 Systems Design and Implementation.....	3
ISYS 489 Advanced System Design and Implementation.....	3

Total Ferris Credits..... 36

Notice: Every effort has been made to include in this publication, information that, at the time of preparation for printing, is accurate. However, the contents of this publication are not to be regarded as a contract between students or potential students at Ferris State University. The University reserves the right to change at any time and without prior notice any provision or requirement including but not limited to, policies, tuition, fees, academic programs, or any other activity or matter. When describing programs offered by Ferris State University in this publication, the intent is to provide information on the type of career possibilities to which a curriculum may lead. In no way is this intended to imply a guarantee of job openings at a particular time for a particular student.

For more information, call or visit us online.

269.782.1214

www.ferris.edu/offcampus