

### Program Description

Computers and information systems are essential in many aspects of business, industry, and life. Individual business departments, corporations, or multi-national enterprises need professional, highly skilled computer systems problem-solvers to keep them operating at peak efficiency. The CIS curriculum provides 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. Entry-level positions for graduates include: application programmer/analyst, business analyst, systems analyst, consultant, software developer, computer support specialist, project leader, and web developer. Selected directed electives can also lead to jobs such as: computer support specialist, network support, and systems administrator.

### Course Requirements

Jackson College			
Course	Ferris Equiv.	Jackson College Course Titles	Cr. Hrs.
COM 231	COMM 121	Communication Fundamentals	3
ENG 131	ENGL 150	Writing Experience	3
ENG 132	ENGL 250	Writing Experience	3
Jackson	Varies	FSU General Education - Lab Natural Sciences Course	4
Jackson	Varies	FSU General Education - Natural Sciences	3
MTH 131	MATH 115	Intermediate Algebra	4
Jackson	Varies	FSU General Education - Culture Electives (one must be FSU 200+ level)	6
PHL 236	PHIL 216	Ethics	3
Jackson	Varies	FSU General Education - Self and Society Elective	3
ECN 231	ECON 221	Macroeconomics	3
ECN 232	ECON 222	Microeconomics	3
Jackson	Varies	General Education Electives	2
ACC 231	ACCT 201	Principles of Accounting 1	4
ACC 232	ACCT 202	Principles of Accounting 2	4
BUA 220	MGMT 301	Principles of Management	3
BUA 230	MKTG 321	Principles of Marketing	3
CIS 205	STQM 260	Practicum In Printing	3
CIS 158	ISYS 110	Programming Logic	3
CIS 165	ISYS 216	Java Programming	3
<b>Total Jackson College Credits</b>			<b>63</b>

Ferris State University		
Course	Ferris Course Titles	Cr. Hrs.
COMM 336	Technical and Professional Presentation	3
BLAW 321	Business Law	3
ENGL 325	Advanced Business Writing	3
BUSN 499	Integrating Experience	3
FINC 322	Financial Management I	3
ISYS 200	Database Design-Implementation	3
ISYS 288	Web Application Development	3
ISYS 316	Advanced Java Programming	3
ISYS 321	Business Information Systems	3
ISYS 325	Networking Essentials	3
ISYS 330	Systems Analysis and Design	3
ISYS 371	Advanced Database Design - Implementation	3
ISYS 431	Systems Analysis & Design	3
ISYS 470	Database Administration	3
ISYS 489	Web-Based System Development - Implementation	3
ISYS 491	Internship	3
PROJ 320	Project Management	3
MGMT 370	Quality – Operations Management	3
FSU	Directed Electives (with prior approval from FSU advisor)	12
<b>Total Ferris Credits</b>		<b>63</b>
<b>Credits Required for Degree</b>		<b>126</b>

### Please refer to FSU's General Education Requirements at:

<http://www.ferris.edu/htmls/academics/gened/index.htm>

Students transferring to Ferris with the Michigan Transfer Agreement (MTA) and entering a degree program will have met a 30-hour block of lower-level general education courses. However, this does not exempt students from completing program specific prerequisites or higher-level general education course requirements. Students should contact their advisor regarding classes that meet the MTA.

Students are encouraged to work with their Ferris advisor for selection of any electives, to ensure transferability and to minimize credits taken.

### Program Offered at:

**Big Rapids Campus**

College of Business

<http://www.ferris.edu/HTMLS/colleges/>  
231-591-2420 or COB@ferris.edu

[www.ferris.edu/transfer](http://www.ferris.edu/transfer)

**General Admission****New Students SAT Scores**

- 2.5 High School GPA (on a 4.0 scale)
- Two of the Three Criteria:
  1. SAT ERW score of 450 or higher.
  2. SAT Math score of 500 or higher. Placement in MATH 109/110 will be considered (SAT MATH score of 480 or higher).
  3. SAT Composite of 900 or higher.

**New Students ACT Scores**

- 2.5 High School GPA (on a 4.0 scale)
- Two of the Three Criteria:
  1. ACT English score of 16 or higher.
  2. ACT Math score of 19 or higher.
  3. ACT Reading score of 19 or higher

**Transfer Students**

- Combined college or university GPA of 2.5 (on a 4.0 scale) from all institutions attended. GPA based on completion of 12 credit hours or more. Developmental courses will not be considered in computing the GPA requirement.
- Transfer equivalency for FSU ENGL 150 or placement during the first semester at FSU which would require an ACT English score of 16 or higher; or SAT ERW score of 450 or higher; or Accuplacer English score of 6 or higher.
- Transfer equivalency for FSU MATH 114/115 or placement during the first semester at FSU which would require an ACT MATH score of 19 or higher; SAT MATH of 500 or higher; or Accuplacer Math scores: Elementary Algebra score 75 or higher and College Level Math 0-49.

**Advising Notes**

It is recommended that potential applicants meet with an advisor to review the degree, course schedule, and have any questions answered prior to completing an application. Students who are completing the MTA may have different general education course requirements for the particular degree selected. Meeting with a Ferris advisor prior to the selection of general education or elective course work may reduce the chance of completing a course that will not apply toward the selected degree. Once admitted, students must continue to meet with an advisor as they work toward graduation.

**Transfer Student Orientation**

All new students to Ferris State University are required to complete an orientation.

**Online Learning**

Select courses delivered online and/or in a mixed delivery format (i.e. a mix of online and face-to-face instruction at the Ferris Main Campus or at an off-campus location). The "Online Readiness Tutorial" is required for students who register for an online *course* or are completing an online *degree*. Students must demonstrate competency in Blackboard skills. This may be done by taking a tutorial and quiz, or, for students who have already taken and passed online courses, they can submit a waiver request. Students should check with the department that offers the class to determine its particular needs and/or the Ferris advisor regarding registration for online course work.

**Reverse Transfer Agreement**

The Community College and Ferris have entered into a partnership in order to work collaboratively and creatively to increase student completion of associate and bachelor degrees. The partners work together to provide a seamless transfer experience and increase student retention and completion at both the community college and Ferris.

**Michigan Transfer Agreement (MTA)**

Ferris participates in the Michigan Transfer Agreement (MTA). This agreement will facilitate the transfer of general education requirements from one Michigan institution to another. Students may complete the MTA as part of a degree program or as a stand-alone package. The MTA consists of a minimum of 30 general education credit hours as identified by the college or university.

**Disclaimer**

This is a guide for students who plan to transfer to Ferris State University. This guide is not intended to be a contract with Ferris. The information on this guide is subject to change. Students should contact their community college or Ferris to keep informed of changes. Final responsibility for verifying all transfer information lies with the student. Please refer to the effective and/or revised date on the bottom of the guide.