All organizations, from service facilities to product manufacturers, use operations management: The tools can improve any category of organization. Employees with this skill set are attractive to employers because the focus is clearly on process improvement, which improves cost efficiency. This program encourages those who aren't likely to think in terms of "the way we've always done it."

Operations management professionals decide how products and services are developed, manufactured, sold, and moved, which means they're involved in all facets of a company. This program teaches management concepts and decision-making tools to prepare students to solve tough problems and become indispensable assets to their organizations.

Internships and participation in the Grand Rapids-based chapter of APICS (the American Production and Inventory Control Society) polish skills and put classroom knowledge into a real-world context.

This program is accredited by the Accreditation Council for Business Schools and Programs. ACBSP is a leading specialized accreditation association for business education supporting, celebrating, and rewarding teaching excellence.

Communication Competency Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	KCC Equiv.	KCC Course Title	KCC Cr. Hrs.
COMM 105	Interpersonal Communication	3	SPE 11400	Introduction to Interpersonal/Public Communication	4
ENGL 150	English 1	3	ENG 10303 or	English Composition 1	3
ENGL 250	English 2	3	ENG 10403	English Composition 2	3
ENGL 311 or ENGL 325	Advanced Technical Writing or Advanced Business Writing	3	No Equivalent	No Equivalent	No Equivalent

Quantitative Literacy Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	KCC Equiv.	KCC Course Title	KCC Cr. Hrs.
MATH 114 or MATH 115	Quantitative Reasoning for Professionals 2 or Intermediate Algebra	4 or 3	No Equivalent or MTH 12000 or	No Equivalent or Intermediate Algebra	No Equivalent or 4

Natural Sciences Competency Requirements - Two courses are required with a minimum of 6 credits: must have at least one lab course.

FSU Course	FSU Course Title	FSU Cr. Hrs.	KCC Equiv.	KCC Course Title	KCC Cr. Hrs.
Varies	Natural Sciences Elective	6	Varies	Varies	6 - 7

Self and Society Competency Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	KCC Equiv.	KCC Course Title	KCC Cr. Hrs.
ECON 201	Principles of Microeconomics	3	ECO 20200	Principles of Economics-MICRO	3
ECON 202	Principles of Macroeconomics	3	ECO 20100	Principles of Economics-MACRO	3
COMM 365	Intercultural Communication	3	No Equivalent	No Equivalent	No Equivalent

Culture Competency Requirements - Minimum 9 credits from 2 different disciplines with 1 at 200 level or higher

FSU Course	FSU Course Title	FSU Cr. Hrs.	KCC Equiv.	KCC Course Title	KCC Cr. Hrs.
Varies	FSU General Education - Culture Electives	9	Varies	Varies	9

Additional General Education Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	KCC Equiv.	KCC Course Title	KCC Cr. Hrs.
COMM 121	Fundamentals of Public Speaking	3	SPE 10500	Fund of Speech	3

[Ferris State University General Education Program](#)

Students are encouraged to work with an advisor to select appropriate general education courses

Diversity Competency – 2 Courses Required
If not met by courses taken for Culture, Self and Society, or MTA, a student must meet the following:
- 1 course with the Global Diversity attribute
- 1 course with the U.S. Diversity attribute

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Business Core Requirements - 30 Credits Required

FSU Course	FSU Course Title	FSU Cr. Hrs.	KCC Equiv.	KCC Course Title	KCC Cr. Hrs.
ACCT 201	Principles of Financial Accounting	3	ACC 12100	Accounting Principles 1	4
ACCT 202	Principles of Managerial Accounting	3	ACC 12200	Accounting Priciples 2	4
STQM 260	Introduction to Statistics	3	MTH 20600	Applications in Statistics	4
MGMT 301	Applied Management	3	BUS 21000	Principles of Management	3
BLAW 321	Contracts and Sales	3	No Equivalent	No Equivalent	No Equivalent
MKTG 321	Principles of Marketing	3	MKT 20000	Principles of Marketing	3
ISYS 321	Business Information Systems	3	No Equivalent	No Equivalent	No Equivalent
FINC 322	Financial Management 1	3	No Equivalent	No Equivalent	No Equivalent
MGMT 370	Quality-Operations Management	3	No Equivalent	No Equivalent	No Equivalent
BUSN 499	Integrating Experience	3	No Equivalent	No Equivalent	No Equivalent

Major Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	KCC Equiv.	KCC Course Title	KCC Cr. Hrs.
INTB 320	International Logistics	3	No Equivalent	No Equivalent	No Equivalent
ISYS 105	Introduction to Microsystems Software	3	CIS 10500	Introduction to Computers	3
ISYS 482	Enterprise Integration & BPD	3	No Equivalent	No Equivalent	No Equivalent
PROJ 320	Project Managemment Fundamentals	3	No Equivalent	No Equivalent	No Equivalent
MGMT 350	Management Metrics and Decision Making	3	No Equivalent	No Equivalent	No Equivalent
MFGE 354 or MGMT 492	Lean Manufacturing or Lean Service Enterprise and Leadership	3	No Equivalent or No Equivalent	No Equivalent or No Equivalent	No Equivalent or No Equivalent
MGMT 402	Six Sigma Process Management	3	No Equivalent	No Equivalent	No Equivalent
MGMT 412	Lean Culture and Skills Development	3	No Equivalent	No Equivalent	No Equivalent
MGMT 422	Cost Management for Lean Systems	3	No Equivalent	No Equivalent	No Equivalent
MGMT 432	Lean Logistics and Supply Management	3	No Equivalent	No Equivalent	No Equivalent
MKTG 466	Purchasing	3	No Equivalent	No Equivalent	No Equivalent
MGMT 491	Management Internship	3	No Equivalent	No Equivalent	No Equivalent
Varies	Directed Elective (Choose 1 course from the concentration that was not taken in the major)	3	Varies	Varies	Varies

Choose One Concentration from the Following Four – Requires Advisor Approval – 9 Credits Required

Technical Concentration

FSU Course	FSU Course Title	FSU Cr. Hrs.	KCC Equiv.	KCC Course Title	KCC Cr. Hrs.
MFGE 322	Production Processes	3	No Equivalent	No Equivalent	No Equivalent
MFGE 351	Introduction to Industrial Engineering	3	No Equivalent	No Equivalent	No Equivalent
STQM 322	Inferential Statistics	3	No Equivalent	No Equivalent	No Equivalent

Human Resouces Concentration – 9 Credits Required; choose 3 from the 4 courses below

FSU Course	FSU Course Title	FSU Cr. Hrs.	KCC Equiv.	KCC Course Title	KCC Cr. Hrs.
MGMT 305	Managerial Leadership	3	No Equivalent	No Equivalent	No Equivalent
MGMT 373	Human Resource Management	3	BUS 24500	Human Resource Management	3
MGMT 375	Negotiations	3	No Equivalent	No Equivalent	No Equivalent
MGMT 491	Management Internship	3	No Equivalent	No Equivalent	No Equivalent

Project Management Concentration – 9 Credits Required; choose 3 from the 4 courses below

FSU Course	FSU Course Title	FSU Cr. Hrs.	KCC Equiv.	KCC Course Title	KCC Cr. Hrs.
MKTG 472	Supply Chain Management	3	No Equivalent	No Equivalent	No Equivalent
PROJ 350	Project Scheduling	3	No Equivalent	No Equivalent	No Equivalent
PROJ 351	Project Communication	3	No Equivalent	No Equivalent	No Equivalent
PROJ 420	Managing Procurement	3	No Equivalent	No Equivalent	No Equivalent

Diversified Concentration - Select 3 courses, totaling 9 credits, from the Technical, Human Resources, or Project Management Concentrations.

Total Credits Required for Degree	**120**

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Program Contact Information:
Main Campus, Big Rapids
College of Business – Management Department
(231) 591-2427 | Management Department Email
Transfer Partnerships Webpage

Delivery Locations
This degree and the Ferris courses are offered at the following locations:
- Ferris State University, Main Campus, Big Rapids
- Select courses may be 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).

General Admission Criteria
New Student SAT Scores
- 2.50 High School GPA (on a 4.00 scale)
- Two of the Three Criteria:
    1. ERW SAT score of 450 or higher.
    2. Math SAT score of 500 or higher. Placement in MATH 109 or 110 will be considered (Math SAT score of 480 or higher).
    3. Composite SAT of 900 or higher.
New Student ACT Scores
- 2.50 High School GPA (on a 4.00 scale)
- Two of the Three Criteria:
    1. English ACT score of 16 or higher.
    2. Math ACT score of 19 or higher.
    3. Reading ACT score of 19 or higher.
Transfer Students
- Combined college or university GPA of 2.35 (on a 4.00 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 English ACT score of 16 or higher; or ERW SAT score of 450 or higher; or English Accuplacer score of 6 or higher.
- Transfer equivalency for FSU MATH 114 or 115 or placement during the first semester at FSU which would require a Math ACT score of 19 or higher; Math SAT of 500 or higher; or Math Accuplacer scores: Elementary Algebra score 75 or higher and College Level Math 0 to 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.

Graduation Requirements
In addition to meeting all the programmatic requirements, students must:
1. Meet University General Education requirements.
2. Earn a minimum of 120 credits.
3. Maintain a 2.00 or higher cumulative FSU GPA.
4. Earn 30 credits from FSU (Residency).
5. Earn 40 credits of 300 level or higher courses.
6. Maintain a 2.00 cumulative GPA in the business core and the major.
7. Earn 40 percent of their total credits required for graduation in general education courses to meet the College of Business ACBSP accreditation requirements. The University requires all bachelor degrees be a minimum 120 credits. When meeting the 40 percent requirement, programs can use 6 credits from the business core in the calculation. To meet the ACBSP, 40 percent general education requirement, a 120 credit program would consist of 42 general education credits, 30 business core credits, and 48 credits in the major.

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

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.

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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.

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 must work with their Ferris advisor to declare a Minor or Concentration and for selection of Directed Electives.

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 effective and/or revised date on the bottom of this guide.

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