

School of Management

School of Management

Overview

Like all major institutions of higher learning, Purdue University's Krannert School of Management exists for the discovery, preservation and dissemination of knowledge. That purpose is reflected in a deep commitment to scholarship that inspires both the creation and the critical evaluation of new ideas and insights through the daily interaction of the school's faculty and students in the classroom, laboratory and library.

The school's academic programs are devised to prepare students for lives of active and productive citizenship. To that end, those programs begin with a solid foundation of classwork in the arts, sciences and mathematics intended to develop a rigorous, analytical cast of mind, a wide intellectual curiosity and an appreciation for the breadth and diversity of the means by which we come to understand our world.

Rising out of that foundation in the junior and senior years is a demanding professional education designed to further sharpen the student's analytical and decision-making abilities through exposure to the challenges confronted by the various management functions of finance, production, marketing, human resources, strategic planning, management information systems and related areas. It is this core of analytical, often mathematically based, instruction in the latest principles of management and quantitative methods that is the hallmark of management education at Purdue. In advanced classes, frequent discussion of carefully chosen case studies helps students to gain facility in the application of these principles within a broad range of management contexts.

Finally, students find numerous opportunities to meet and talk with management professionals from a wide variety of companies and firms. This interaction, together with the insights gained in the classroom, is intended to develop an appreciation for, and a sensitivity to, the high standards of professional and ethical conduct that must be maintained by leaders in all fields.

Admissions

<http://www.admissions.purdue.edu/majors/colleges.php?ClgCd=MGMT>

Advising

Each student has an assigned academic advisor. Students meet with their advisors at least once a semester. Advisors mentor and coach students in the Launching Business Leaders competencies and portfolio. Advisors are happy to answer questions, refer students to appropriate resources, and help them achieve their goals.

Krannert Building, Room 352
403 West State Street
West Lafayette, IN 47907
Phone: (765) 494-4343
Fax: (765) 496-1479

Contact Information

Mailing address
Krannert Building

403 W. State Street
West Lafayette, IN 47907-2056

Rawls Hall

100 S. Grant Street
West Lafayette, IN 47907-2076

Krannert Center for Executive Education

425 W. State Street
West Lafayette, IN 47907-2056

School of Management Administration and Instruction

Management Overview

Management majors mean business. They effectively lead, coordinate and communicate innovative solutions in all aspects of an organization from operations to human resources. They are adaptable leaders with strong roots in analytics, complemented by solid communication skills that help them compete in the business world.

A multi-functional approach to coursework allows you to discover different business areas at the same time like finance, strategy, law and organizational behavior. You'll refine your critical thinking, communication and analytical skills as you explore these different aspects of business. Students can add concentration areas to focus on specific interests.

Graduate pursue many different job opportunities. Some begin in corporate management rotational programs, as account executives or as project managers. You will find Krannert management graduates in companies like Boeing, General Motors, Amazon.com, and Target Corporation.

About the Economics Program

Welcome to Purdue University's Department of Economics. The Department, located in the Krannert School of Management, has a long tradition of excellence in research and teaching. Economics faculty members are leaders in their respective fields. The Economics Department offers both undergraduate and graduate degree programs. For undergraduates students, the Department offers two Baccalaureate degrees, a Bachelor of Science (BS) degree in Economics through the Management School and a Bachelor of Arts (BA) degree through the College of Liberal Arts. We also offer an Economics Honors Program and a Minor in Economics. For more information on these undergraduate programs, please follow the links under Programs below.

Faculty

Management:

<http://www.krannert.purdue.edu/faculty/home.asp>

Economics:

<http://www.krannert.purdue.edu/academics/Economics/Faculty/home.asp>

Contact Information

The Krannert School of Management
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The Webster Undergraduate Programs Suite
403 W. State Street
West Lafayette, IN 49707
(765) 494-4343
management@purdue.edu

Economics Department

Purdue University
Krannert Building
403 W. State Street
West Lafayette, Indiana 47907-2056

Phone: Advising Office (765) 494-4343

Fax: (765) 494-9658

Graduate Information

For Graduate Information please see Management Graduate Program Information.

Baccalaureate

Accounting, BS

About the Program

Accounting Accountants help businesses and organizations solve problems and succeed in a rapidly changing, globally competitive environment. Our graduates join a network of Purdue alumni who hold important positions in organizations around the world. For example, Beth Brooke-Marciniak, CPA and Global Vice Chair - Public Policy at EY, has once again been named to the Forbes List of 100 Most Powerful Women. Our graduates place nationally with Big 4 accounting firms, regional public accounting firms, Fortune 1000 companies, consulting firms, small corporations, not-for-profits and government agencies across the U.S. and internationally.

Four Outstanding Programs:

- Our undergraduate accounting major is a 120 credit hour program that provides students with the foundation for successful careers in accounting and business or for graduate study.
- Our Certificate of Advanced Accountancy program adds a 5th year to the undergraduate accounting major and puts students on an educationally sound path to the 150 credit hours needed to take the Uniform CPA exam in most states.
- Our Masters of Science (Accounting) degree is a two-semester, 30 credit hour program that features a flexible curriculum with field consulting opportunities with start-ups and non-profits. Students tailor their coursework to their career goals while becoming CPA-exam ready.
- Our Ph.D Program in Accounting prepares students for careers as researchers and teachers. Our graduates have published their research in top accounting journals and are recognized for their rigorous analytical training.

While studying at Purdue, accounting students have ample opportunities for professional development and networking through student organizations sponsored by the Accounting Area. The Accounting Area is committed to Purdue's mission of creating and disseminating knowledge. Over the last several years, our faculty members and recent Ph.D. graduates publish their research in top academic journals and present it conferences around the world.

Summary of Program Requirements

The Summary of Program Requirements for Accounting is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Bachelor of Science in Management

Major: Accounting

Minimum credit hours: 120

Management Admissions Index Core (MAI)

- To be automatically admitted into upper division, students who have completed all courses in the MAI must have at least a 3.00 MAI GPA and a 2.50 cumulative GPA, have a C- or higher in all MAI and School of Management courses, and may not be on academic probation.
- Requirements for upper division can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/mgmt/mgmt-req-upper-div.asp>
- MAI courses, or their equivalents, may only be enrolled in two times for a grade.
- A maximum of three MAI courses may be retaken.
- School of Management, MAI, and concentration courses with grades of "F" can only be retaken at Purdue University.
- Previous enrollments as a non-School of Management student in MA 16100, MA 16200, MA 16500, MA 16600 do not count against the retake policy.

MAI Core

- ECON 25100 - Microeconomics *UC* (satisfies Behavioral/Social Science for core)
- ENGL 10600 - First-Year Composition *UC* (satisfies Written Communication for core) or
- ENGL 10800 - Accelerated First-Year Composition *UC* (satisfies Written Communication for core)
- MA 16010 - Applied Calculus I *UC* (satisfies Quantitative Reasoning for core)
- MA 16020 - Applied Calculus II
- MGMT 20000 - Introductory Accounting

School of Management Foundations

- COM 11400 - Fundamentals Of Speech Communication ◇ *UC* (satisfies Oral Communication for core)
- CS 23500 - Introduction To Organizational Computing ◇
- ECON 25200 - Macroeconomics *UC* (satisfies Behavioral/Social Science for core)
- ENGL 42000 - Business Writing
- MGMT 20100 - Management Accounting I
- MGMT 30100 - Professional Career Management
- STAT 22500 - Introduction To Probability Models

- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

International Selective - Credit Hours: 3.00

International Electives

Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language.

Foreign language course cannot be taught in English

- AGECE 25000 - Economic Geography Of World Food And Resources
- AGECE 34000 - International Economic Development
- AGECE 45000 - International Agricultural Trade
- ANTH 34100 - Culture And Personality
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 33300
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 38100 - Julius Caesar: Statesman, Soldier, Citizen
- CLCS 38300 - The Roman Empire
- CLCS 48300 - Republican Rome
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- HIST 34000 - Modern China
- HIST 34100 - History Of Africa South Of The Sahara
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 40800 - Dictatorship And Democracy: Europe 1919-1945
- PHIL 33000
- PHIL 33100
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations
- POL 34500 - West European Democracies In The Post-Industrial Era
- POL 34700 - Introduction To Latin American Politics
- POL 34800 - East Asian Politics
- POL 43000 - Selected Problems In International Relations
- POL 43200 - Selected Problems In World Order
- POL 43300 - International Organization
- POL 43500 - International Law

***You must be in Upper Division to take these classes**

- ECON 36800 - Economics And Values
- ECON 37000 - International Trade

- ECON 46600 - International Economics
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management
- MGMT 50900 - International Accounting

Note

- Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

University Core/Program Course Requirements

- UC Human Cultures Humanities *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
- UC Science *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
- UC Science *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
- UC Science, Technology, & Society *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
- (Additional requirements fulfilled through MAI Core and/or School of Management Foundations courses.)

Upper Division Required Courses

- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35000 - Intermediate Accounting I
- MGMT 35100 - Intermediate Accounting II
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 45100 - Strategic Management
- MGMT 50300 - Advanced Accounting
- MGMT 50400 - Tax Accounting
- MGMT 50500 - Management Accounting II
- MGMT 50600 - Auditing
- OBHR 33000 - Introduction To Organizational Behavior
- Professional Elective - Credit Hours: 3.00
- Professional Elective - Credit Hours: 3.00

Note

(Professional Electives include any MGMT or ECON class at the 30000 level or higher not including MGMT 30400, MGMT 32300, MGMT 45500, and MGMT 44301; up to 3 credits of EPICS courses may be used for one professional elective; junior or senior level business courses up to 6 credits taken at an approved Krannert study abroad program may be used toward the professional electives with advisor approval.)

Electives (Complete Enough Electives to Equal at Least 120 Credits)

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher, except for MGMT 30100, can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtxcrd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Krannert study abroad programs may be used to satisfy degree requirements. Students participating in a Purdue approved study abroad program are registered as full-time Purdue students during their semester abroad. Schedule an appointment with your advisor to discuss study abroad opportunities. Minors outside of the School of Management are also available.
- Refer to the most updated list of pre- and co-requisites and Course Grade Requirements at <http://krannert.purdue.edu/undergraduate/current-students/home.php>

Note

◇ Completion prior to admittance to upper division strongly encouraged

UC Fulfills University Core requirement

GRADUATION INDEX REQUIREMENTS

Graduation Index: 2.0 minimum

Major (MGMT, OBHR, ECON) Index: 2.0 minimum

Program Requirements

Fall 1st Year

- UC Science - Credit Hours: 3.00
- MA 16010 - Applied Calculus I

- ENGL 10600 - First-Year Composition or
- ENGL 10800 - Accelerated First-Year Composition

- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

- General Electives or AP/CR by Exam/TR - Credit Hours: 1.00 - 3.00

13-16 Credits

Spring 1st Year

- MA 16020 - Applied Calculus II
- COM 11400 - Fundamentals Of Speech Communication
- ECON 25100 - Microeconomics
- UC Human Cultures (Humanities) - Credit Hours: 3.00
- UC Science - Credit Hours: 3.00

- MGMT 30100 - Professional Career Management

16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting
- STAT 22500 - Introduction To Probability Models
- CS 23500 - Introduction To Organizational Computing
- General Elective - Credit Hours: 3.00
- UC Science, Tech & Society - Credit Hours: 3.00

15 Credits

Spring 2nd Year

- ECON 25200 - Macroeconomics
- International Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00
- MGMT 20100 - Management Accounting I
- MGMT 30500 - Business Statistics

15 Credits

Fall 3rd Year

- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 38200 - Management Information Systems
- MGMT 35000 - Intermediate Accounting I

15 Credits

Spring 3rd Year

- MGMT 35100 - Intermediate Accounting II
- MGMT 35400 - Legal Foundations Of Business I
- Professional Elective - Credit Hours: 3.00
- MGMT 45100 - Strategic Management
- ENGL 42000 - Business Writing

15 Credits

Fall 4th Year

- MGMT 50300 - Advanced Accounting
- MGMT 50400 - Tax Accounting
- MGMT 36100 - Operations Management
- Professional Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- MGMT 50500 - Management Accounting II
- MGMT 50600 - Auditing
- General Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

14 Credits

120 Total Credits

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

Foreign Language Courses

Foreign Language proficiency requirements vary by program. For acceptable languages and proficiency levels, see your advisor:

American Sign Language, Arabic, Chinese, French, German, (ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Spanish

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Expired Course

Any course without a link to its description is one that has been expired. However, this course could fulfill the degree requirement historically.

Economics Honors, BS

About the Program

Welcome to Purdue University's Department of Economics. The Department, located in the Krannert School of Management, has a long tradition of excellence in research and teaching. Economics faculty members are leaders in their respective fields. The Economics Department offers both undergraduate and graduate degree programs. For undergraduates students, the Department offers two Baccalaureate degrees, a Bachelor of Science (BS) degree in Economics through the Management School and a Bachelor of Arts (BA) degree through the College of Liberal Arts. We also offer an Economics Honors Program and a Minor in Economics. For more information on these undergraduate programs, please follow the link on the menu to the left.

Summary of Program Requirements

The Summary of Program Requirements for Economics Honors is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Bachelor of Science in Management
Major: Economics Honors
Minimum credit hours: 120

Economics Admissions Index Core (EAI)

- To be admitted into Upper Division Economics, students must complete all courses in the EAI must have at least a 2.75 EAI GPA, have a cumulative GPA of 2.5 or higher, must have a C- or higher in all EAI and ECON courses, and may not be on academic probation.
- MA 16100 may be replaced by MA 16010 and MA 16020. A C- or higher in both MA 16010 and MA 16020 satisfies the prerequisite for MA 16200.
- A maximum of three EAI courses may be retaken one time each for a grade.
- EAI and School of Management (Economics) Foundations courses with grades of "F" may only be retaken at Purdue University.

EAI Core

- COM 11400 - Fundamentals Of Speech Communication *UC* (satisfies Oral Communication for core)
- ECON 25200 - Macroeconomics *UC* (satisfies Behavioral/Social Science for core)
- ECON 25100 - Microeconomics *UC* (satisfies Behavioral/Social Science for core)

- ENGL 10600 - First-Year Composition *UC* (satisfies Written Communication for core) or
- ENGL 10800 - Accelerated First-Year Composition *UC* (satisfies Written Communication for core)

- MA 16100 - Plane Analytic Geometry And Calculus I *UC* (satisfies Quantitative Reasoning for core) or
- MA 16500 - Analytic Geometry And Calculus I *UC* (satisfies Quantitative Reasoning for core)

- MA 16200 - Plane Analytic Geometry And Calculus II *UC* (satisfies Quantitative Reasoning for core) or
- MA 16600 - Analytic Geometry And Calculus II *UC* (satisfies Quantitative Reasoning for core)

School of Management (Economics Honors) Foundations

Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.

- CS 23500 - Introduction To Organizational Computing ◊
- ENGL 42000 - Business Writing
- MGMT 30100 - Professional Career Management
- MA 26100 - Multivariate Calculus

- MA 35100 - Elementary Linear Algebra or
- MA 51100 - Linear Algebra With Applications

- STAT 35000 - Introduction To Statistics ◊ or
- STAT 51100 - Statistical Methods ◊

- Complete any two foreign language courses - Credit Hours: 3.00
- Complete any two foreign language courses - Credit Hours: 3.00

University Core/Program Course Requirements

- UC Human Cultures Humanities *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00
- UC Science *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00
- UC Science *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00
- UC Science, Technology & Society *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00

(Additional requirements fulfilled through MAI Core and/or School of Management Foundations courses)

Economics Upper Division Required Courses

- ECON 34000 - Intermediate Microeconomic Theory or
- ECON 51100 - Intermediate Economics I

- ECON 35200 - Intermediate Macroeconomics or
- ECON 51200 - Intermediate Economics II

- ECON 36000 - Econometrics or
- ECON 56200 - Econometrics I

- ECON 49900 - Senior Honors Thesis (required GPA 3.5 or above)

Economics Upper Division Electives

Complete any four additional upper-division ECON courses. ECON 41900 may not be used to fulfill this requirement.

- Upper Division ECON Elective - Credit Hour: 3.00
- Upper Division ECON Elective - Credit Hour: 3.00
- Upper Division ECON Elective - Credit Hour: 3.00
- Upper Division ECON Elective - Credit Hour: 3.00

Required Minor

Complete the requirements for a minor (or major) in Biology, Chemistry, Computer Science, Mathematics, Statistics, or Physics

Economics Honors Program Requirements

1. ECON GPA of at least 3.50
2. Cumulative GPA of at least 3.50

Electives (Complete Enough Electives to Equal at Least 120 Credits)

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher, except for MGMT 30100, can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtxcd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Krannert study abroad programs may be used to satisfy degree requirements. Students participating in a Purdue approved study abroad program are registered as full-time Purdue students during their semester abroad. Schedule an appointment with your advisor to discuss study abroad opportunities. Minors outside of the School of Management are also available.
- Students interested in graduate work in economics or a related field should take additional mathematics and statistics courses and consider completing a minor/major in either or both. These course are highly recommended: MA 30100, MA 34100, MA 44000, MA 36600, STAT 41600/51600, and STAT 42000/52000. Please see <http://www.krannert.purdue.edu/academics/economics/home.php>
- Once you have completed ECON 25100 & 25200 you should quickly complete the three core ECON courses (ECON 34000/51100, ECON 35200/51200, and ECON 36000/56200). After completing these courses, consider applying for an undergraduate teaching assistantship. Working as an undergraduate TA sometimes leads to research assistant opportunities.
- If you maintain a high GPA into your junior year, consider applying for prestigious scholarships including: Fulbright Fellowship, Jacob K. Javits Fellowship, National Science Foundation Fellowship, Marshall Scholarship, Rhodes Scholarship, Harry S. Truman Scholarship, Beinecke Scholarship, British Chevening Scholarship, Ford Foundation Fellowship, and Gates Cambridge Scholarship.
- Refer to the most updated list of pre-and co-requisites and Course Grade Requirements at <http://www.krannert.purdue.edu/undergraduate/current-students/home.php>

Program Requirements

Fall 1st Year

- MA 16100 - Plane Analytic Geometry And Calculus I or
- MA 16500 - Analytic Geometry And Calculus I

- ENGL 10600 - First-Year Composition or
- ENGL 10800 - Accelerated First-Year Composition

- ECON 25100 - Microeconomics

- Foreign Language - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 1.00 - 2.00

14-17 Credits

Spring 1st Year

- MGMT 30100 - Professional Career Management
- ECON 25200 - Macroeconomics
- COM 11400 - Fundamentals Of Speech Communication or
- COM 21700 - Science Writing And Presentation
- MA 16200 - Plane Analytic Geometry And Calculus II or
- MA 16600 - Analytic Geometry And Calculus II
- Foreign Language - Credit Hours: 3.00

14-15 Credits

Fall 2nd Year

- CS 23500 - Introduction To Organizational Computing
- UC Science - Credit Hours: 3.00
- MA 26100 - Multivariate Calculus
- ECON 34000 - Intermediate Microeconomic Theory
- STAT 35000 - Introduction To Statistics or
- STAT 51100 - Statistical Methods

16 Credits

Spring 2nd Year

- MA 26500 - Linear Algebra or
- MA 35100 - Elementary Linear Algebra or
- MA 51100 - Linear Algebra With Applications
- ECON 35200 - Intermediate Macroeconomics
- ECON 36000 - Econometrics
- General Elective or Minor - Credit Hours: 3.00
- UC Science - Credit Hours: 3.00

15 Credits

Fall 3rd Year

- ENGL 42000 - Business Writing
- ECON Upper Division - Credit Hours: 3.00
- ECON Upper Division - Credit Hours: 3.00
- UC Science Tech Society - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 3.00

15 Credits

Spring 3rd Year

- Study Abroad Semester - Purdue will provide a \$3,000 scholarship for participation in a semester-long program. There are more than 300 study abroad programs to choose from.

15 Credits

Fall 4th Year

- ECON 49900 - Senior Honors Thesis
- ECON Upper Division - Credit Hours: 3.00
- UC Humanities - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 3.00

15 Credits

Spring 4th Year

- ECON Upper Division - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 3.00

15 Credits

120 Total Credits

Note

◇ Completion prior to admittance to upper division strongly encouraged

UC Fulfills University Core requirement

GRADUATION INDEX REQUIREMENTS

Graduation Index: 2.0 minimum
Major (ECON) Index: 2.0 minimum

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

Foreign Language Courses

Foreign Language proficiency requirements vary by program. For acceptable languages and proficiency levels, see your advisor:

American Sign Language, Arabic, Chinese, French, German, (ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Spanish

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Economics, BS

About the Program

Welcome to Purdue University's Department of Economics. The Department, located in the Krannert School of Management, has a long tradition of excellence in research and teaching. Economics faculty members are leaders in their respective fields. The Economics Department offers both undergraduate and graduate degree programs. For undergraduates students, the Department offers two Baccalaureate degrees, a Bachelor of Science (BS) degree in Economics through the Management School and a Bachelor of Arts (BA) degree through the College of Liberal Arts. We also offer an Economics Honors Program and a Minor in Economics.

Summary of Program Requirements

The Summary of Program Requirements for Economics, BS is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Bachelor of Science in Management
Major: Economics
Minimum credit hours: 120

Economics Admissions Index Core (EAI)

- To be automatically admitted into upper division, students who have completed all courses in the EAI must have at least a 2.75 EAI GPA, have a cumulative GPA of 2.50 or higher, must have a C- or higher in all EAI and ECON courses, and may not be on academic probation.
- Previous enrollments in MA 16100/MA 16500 do not count in the EAI GPA if replaced with MA 16010.

- Previous enrollments in MA 16200/MA 16600 do not count in the EAI GPA if replaced with MA 16020.
- A maximum of three EAI courses may be retaken one time each for a grade.
- EAI and School of Management (Economics) Foundations courses with grades of "F" may only be retaken at Purdue University.

EAI Core

- COM 11400 - Fundamentals Of Speech Communication ◊ *UC* (satisfies Oral Communication for core)
- ECON 25200 - Macroeconomics *UC* (satisfies Behavioral/Social Science for core)
- ECON 25100 - Microeconomics *UC* (satisfies Behavioral/Social Science for core)
- ENGL 10600 - First-Year Composition *UC* (satisfies Written Communication for core) or
- ENGL 10800 - Accelerated First-Year Composition *UC* (satisfies Written Communication for core)
- MA 16010 - Applied Calculus I *UC* (satisfies Quantitative Reasoning for core) or
- MA 16100 - Plane Analytic Geometry And Calculus I *UC* (satisfies Quantitative Reasoning for core) or
- MA 16500 - Analytic Geometry And Calculus I *UC* (satisfies Quantitative Reasoning for core)
- MA 16020 - Applied Calculus II *UC* (satisfies Quantitative Reasoning for core) or
- MA 16200 - Plane Analytic Geometry And Calculus II *UC* (satisfies Quantitative Reasoning for core) or
- MA 16600 - Analytic Geometry And Calculus II *UC* (satisfies Quantitative Reasoning for core)

School of Management (Economics) Foundations

- CS 23500 - Introduction To Organizational Computing
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- ENGL 42000 - Business Writing
- MGMT 30100 - Professional Career Management
- 3-6 Credits STAT 35000 - Introduction To Statistics ◊ or
- STAT 51100 - Statistical Methods ◊ or
- STAT 22500 - Introduction To Probability Models ◊ and
- MGMT 30500 - Business Statistics ◊

International Electives

- AGECE 25000 - Economic Geography Of World Food And Resources
- AGECE 34000 - International Economic Development
- AGECE 45000 - International Agricultural Trade
- ANTH 34100 - Culture And Personality
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 33300
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 38100 - Julius Caesar: Statesman, Soldier, Citizen
- CLCS 38300 - The Roman Empire
- CLCS 48300 - Republican Rome

- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- HIST 34000 - Modern China
- HIST 34100 - History Of Africa South Of The Sahara
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 40800 - Dictatorship And Democracy: Europe 1919-1945
- PHIL 33000
- PHIL 33100
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations
- POL 34500 - West European Democracies In The Post-Industrial Era
- POL 34700 - Introduction To Latin American Politics
- POL 34800 - East Asian Politics
- POL 43000 - Selected Problems In International Relations
- POL 43200 - Selected Problems In World Order
- POL 43300 - International Organization
- POL 43500 - International Law

***You must be in Upper Division to take these classes**

- ECON 36800 - Economics And Values
- ECON 37000 - International Trade
- ECON 46600 - International Economics
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management
- MGMT 50900 - International Accounting

Note

Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language and not taught in English. Foreign language course cannot be taught in English.

Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

Required Minor or School of Management Concentration courses as well as Economics Electives may be used to fulfill these requirements if they are on the list

University Core/Program Course Requirements

- UC Human Cultures Humanities *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00

- UC Science *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00
- UC Science *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00
- UC Science, Technology & Society *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00

(Additional requirements fulfilled through MAI Core and/or School of Management Foundations courses)

Economics Upper Division Required Courses

- ECON 34000 - Intermediate Microeconomic Theory or
- ECON 51100 - Intermediate Economics I

- ECON 35200 - Intermediate Macroeconomics or
- ECON 51200 - Intermediate Economics II

- ECON 36000 - Econometrics or
- ECON 56200 - Econometrics I

Economics Upper Division Electives

Complete five additional upper-division ECON courses. ECON 49100 may not be used to fulfill this requirement. No more than 3 upper division courses per semester unless at least a 2.75 overall GPA

- Upper Division ECON Elective - Credit Hours: 3.00
- Upper Division ECON Elective - Credit Hours: 3.00
- Upper Division ECON Elective - Credit Hours: 3.00
- Upper Division ECON Elective - Credit Hours: 3.00
- Upper Division ECON Elective - Credit Hours: 3.00

Required Minor or School of Management Concentration

Complete the requirements for a minor (or major) in Biology, Chemistry, Computer Science, Mathematics, Physics, or Statistics
 OR Complete the requirements for a School of Management Concentration in Accounting, Analytical Consulting, Finance, Global Leadership and Human Capital, Marketing, Management Information Systems, Operations and Supply Chain Management, Technology Innovation and Entrepreneurship, or International Business.

Electives (Complete Enough Electives to Equal at Least 120 Credits)

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtxcrd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Krannert study abroad programs may be used to satisfy degree requirements. Students participating in a Purdue approved study abroad program are registered as full-time Purdue students during their semester abroad. Schedule an appointment with your advisor to discuss study abroad opportunities. Minors outside of the School of Management are also available.

- MA 16010 & MA 16020 are not sufficient preparation for minors in *Chemistry, Computer Science, Mathematics, Physics, or Statistics*.
- Students who have not completed MA 16100 but have a C- or better in both MA 16010 & MA 16020 may take MA 16200.
- Students interested in pursuing a graduate degree in economics or related fields should consider the Economics Honors degree as it provides a better preparation: Economics Honors (2015-16)
- Refer to the most updated list of pre-and co-requisites and Course Grade Requirements at <http://www.krannert.purdue.edu/undergraduate/current-students/home.php>

Program Requirements

Fall 1st Year

- ENGL 10600 - First-Year Composition or
- ENGL 10800 - Accelerated First-Year Composition

- ECON 25100 - Microeconomics
- UC Science - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 1.00 - 2.00

- MA 16010 - Applied Calculus I or
- MA 16100 - Plane Analytic Geometry And Calculus I or
- MA 16500 - Analytic Geometry And Calculus I

15 Credits

Spring 1st Year

- COM 11400 - Fundamentals Of Speech Communication or
- COM 21700 - Science Writing And Presentation

- CS 23500 - Introduction To Organizational Computing
- ECON 25200 - Macroeconomics
- MGMT 30100 - Professional Career Management
- General Elective or Minor - Credit Hours: 1.00 - 2.00

- MA 16020 - Applied Calculus II or
- MA 16200 - Plane Analytic Geometry And Calculus II or
- MA 16600 - Analytic Geometry And Calculus II

15 Credits

Fall 2nd Year

- STAT 35000 - Introduction To Statistics or
- STAT 51100 - Statistical Methods

- ECON 34000 - Intermediate Microeconomic Theory
- UC Science Tech Society - Credit Hours: 3.00
- UC Humanities - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 3.00

15 Credits

Spring 2nd Year

- ECON 36000 - Econometrics
- ECON 35200 - Intermediate Macroeconomics
- General Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 3.00

15 Credits

Fall 3rd Year

- ENGL 42000 - Business Writing
- ECON Elective - Credit Hours: 3.00
- ECON Elective - Credit Hours: 3.00
- UC Science - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

15 Credits

Spring 3rd Year

- Study Abroad Semester - Purdue will provide a \$3,000 scholarship for participation in a semester-long program. There are more than 300 study abroad programs to choose from.

15 Credits

Fall 4th Year

- ECON Elective - Credit Hours: 3.00
- ECON Elective - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 3.00

15 Credits

Spring 4th Year

- ECON Elective - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 3.00

15 Credits

Total Credits 120

Note

◇ Completion prior to admittance to upper division strongly encouraged

UC Fulfills University Core requirement

GRADUATION INDEX REQUIREMENTS

Graduation Index: 2.0 minimum
Major (ECON) Index: 2.0 minimum

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

Foreign Language Courses

Foreign Language proficiency requirements vary by program. For acceptable languages and proficiency levels, see your advisor:

American Sign Language, Arabic, Chinese, French, German, (ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Spanish

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Expired Course

Any course without a link to its description is one that has been expired. However, this course could fulfill the degree requirement historically.

Finance, BS

About the Program

Finance is the study of wealth and assets, typically money, of a person or a corporation. You will discover what "the time value of money" means, how to manage corporate cash flow and how to effectively allocate resources.

You will study investment management, financial analytic tools and corporate forecasting. After taking accounting and economics, you'll begin to analyze money in different ways to answer questions like: How do multinational corporations account for currency exchanges? When you are buying another company, how do you decide how much it is worth? What is involved when companies have their Initial Public Offering?

A range of opportunities are available to start your career in Finance. Graduates can start out as financial analysts in large corporations looking at the bottom line and predicting profits. Other opportunities exist in a fast-paced financial leadership development programs or investment banking.

Summary of Program Requirements

The Summary of Program Requirements for Finance is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Bachelor of Science in Management
Major: Finance
Minimum credit hours: 120

Management Admissions Index Core (MAI)

- To be automatically admitted into upper division, students who have completed all courses in the MAI must have at least a 3.00 MAI GPA and a 2.50 cumulative GPA, have a C- or higher in all MAI and School of Management courses, and may not be on academic probation.
- Requirements for upper division can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/mgmt/mgmt-req-upper-div.asp>
- MAI courses, or their equivalents, may only be enrolled in two times for a grade.
- A maximum of three MAI courses may be retaken.
- School of Management, MAI, and concentration courses with grades of "F" can only be retaken at Purdue University.
- Previous enrollments as a non-School of Management student in MA 16100, MA 16200, MA 16500, MA 16600 do not count against the retake policy.

MAI Core

- ECON 25100 - Microeconomics *UC* (satisfies Behavioral/Social Science for core)
- ENGL 10600 - First-Year Composition *UC* (satisfies Written Communication for core) or
- ENGL 10800 - Accelerated First-Year Composition *UC* (satisfies Written Communication for core)

- MA 16010 - Applied Calculus I *UC* (satisfies Quantitative Reasoning for core)
- MA 16020 - Applied Calculus II *UC* (satisfies Quantitative Reasoning for core)
- MGMT 20000 - Introductory Accounting

School of Management Foundations

- COM 11400 - Fundamentals Of Speech Communication *UC* satisfies Oral Communication for core ◇
- CS 23500 - Introduction To Organizational Computing (MA 16010) ◇
- ECON 25200 - Macroeconomics *UC* satisfies Behavioral/Social Science for core
- ENGL 42000 - Business Writing (ENGL 10600/ENGL 10800)
- MGMT 20100 - Management Accounting I
- MGMT 30100 - Professional Career Management
- STAT 22500 - Introduction To Probability Models

- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

International Electives

Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.

Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

- AGECE 25000 - Economic Geography Of World Food And Resources
- AGECE 34000 - International Economic Development
- AGECE 45000 - International Agricultural Trade
- ANTH 34100 - Culture And Personality
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 33300
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 38100 - Julius Caesar: Statesman, Soldier, Citizen
- CLCS 38300 - The Roman Empire
- CLCS 48300 - Republican Rome
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- HIST 34000 - Modern China
- HIST 34100 - History Of Africa South Of The Sahara
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 40800 - Dictatorship And Democracy: Europe 1919-1945
- PHIL 33000
- PHIL 33100
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations

- POL 34500 - West European Democracies In The Post-Industrial Era
- POL 34700 - Introduction To Latin American Politics
- POL 34800 - East Asian Politics
- POL 43000 - Selected Problems In International Relations
- POL 43200 - Selected Problems In World Order
- POL 43300 - International Organization
- POL 43500 - International Law
- SOC 33900 - Introduction To The Sociology Of Developing Nations
* You must be in Upper Division to take these classes.
- ECON 36800 - Economics And Values
- ECON 37000 - International Trade
- ECON 46600 - International Economics
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management
- MGMT 50900 - International Accounting

University Core (*UC*)/Program Course Requirements

- UC Human Cultures (Humanities) *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00
- UC Science *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00
- UC Science *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00
- UC Science, Technology & Society *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00

(Additional requirements fulfilled through MAI Core and/or School of Management Foundations courses)

Upper Division Required Courses

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 45100 - Strategic Management
- ECON 38000 - Money And Banking

Select 1 (one)

- MGMT 30600 - Management Science or
- MGMT 47200 - Advanced Spreadsheet Modeling And Simulation or
- ECON 36000 - Econometrics

Finance Upper Division Required Major Courses

Student must choose at least five from the following

- MGMT 41100 - Investment Management
- MGMT 41200 - Financial Institutions And Markets
- MGMT 41300 - Advanced Corporate Financial Management
- MGMT 41500 - International Financial Management
- MGMT 41601 - Corporate Mergers And Acquisitions
- MGMT 49000 - Problems In Industrial Management

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher, except for MGMT 30100, can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtxfcrd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Krannert study abroad programs may be used to satisfy degree requirements. Students participating in a Purdue approved study abroad program are registered as full-time Purdue students during their semester abroad. Schedule an appointment with your advisor to discuss study abroad opportunities. Minors outside of the School of Management are also available.
- Refer to the most updated list of pre- and co-requisites and Course Grade Requirements at <http://krannert.purdue.edu/undergraduate/current-students/home.php>

Program Requirements

Fall 1st Year

- MA 16010 - Applied Calculus I
- ENGL 10600 - First-Year Composition or
- ENGL 10800 - Accelerated First-Year Composition
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- UC Science - Credit Hours: 3.00
- General Elective or AP/CR by Exam or TR Credit - Credit Hours: 1.00 - 3.00

13-16 Credits

Spring 1st Year

- MA 16020 - Applied Calculus II
- COM 11400 - Fundamentals Of Speech Communication
- ECON 25100 - Microeconomics
- UC Human Cultures (Humanities) - Credit Hours: 3.00
- UC Science - Credit Hours: 3.00

- MGMT 30100 - Professional Career Management

16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting
- STAT 22500 - Introduction To Probability Models
- CS 23500 - Introduction To Organizational Computing
- General Elective - Credit Hours: 3.00
- UC Science, Tech & Society - Credit Hours: 3.00

15 Credits

Spring 2nd Year

- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- General Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- MGMT 30500 - Business Statistics

15 Credits

Fall 3rd Year

- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 38200 - Management Information Systems
- ENGL 42000 - Business Writing

15 Credits

Spring 3rd Year

- MGMT 30600 - Management Science or
- MGMT 47200 - Advanced Spreadsheet Modeling And Simulation or
- ECON 36000 - Econometrics

- MGMT 35400 - Legal Foundations Of Business I
- MGMT 45100 - Strategic Management
- International Elective - Credit Hours: 3.00
- Required Finance Course - Credit Hours: 3.00

15 Credits

Fall 4th Year

- MGMT 36100 - Operations Management
- ECON 38000 - Money And Banking
- Required Finance Course - Credit Hours: 3.00
- Required Finance Course - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- General Elective - Credit Hours: 1.00
- Required Finance Course - Credit Hours: 3.00
- Required Finance Course - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

13 Credits

120 Total Credits

Note

◇ Completion prior to admittance to upper division strongly encouraged

UC Fulfills University Core requirement

GRADUATION INDEX REQUIREMENTS

Graduation Index: 2.0 minimum

Major (MGMT, OBHR, ECON) Index: 2.0 minimum

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

Foreign Language Courses

Foreign Language proficiency requirements vary by program. For acceptable languages and proficiency levels, see your advisor:

American Sign Language, Arabic, Chinese, French, German, (ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Spanish

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Expired Course

Any course without a link to its description is one that has been expired. However, this course could fulfill the degree requirement historically.

Industrial Management/Analytical Consulting, BSIM

About the Program

Industrial Management students are multi-talented. With a specialized business focus, students can forecast company growth and talk numbers in the board room as well as solve logistical problems in business operations. This flexibility has shown greater opportunity and faster upward mobility within organizations than most other business majors.

Industrial Management students combine rigorous courses in math, science, and business to sharpen strong analytic, business and technical skills. A dedication to continually learning - new processes, technology and skills - is a hallmark of an Industrial Management student. Specialties range from technical management areas to science and engineering.

Many Industrial Management graduates begin their careers in corporate leadership development rotational programs, where they gain additional business and technical knowledge. Others start their careers as production supervisors, operations analysts, strategic sourcing analysts or software business analysts.

Students may choose from the following concentrations: Analytical Consulting, Computer Science, Economics, Engineering, Financial Engineering, Management Information Systems, Manufacturing and Service Operations Management, Operations & Supply Chain Management, Quantitative Methods, Statistics and Science (Biology, Chemistry, Math, Physics, and Earth, Atmospheric and Planetary Sciences).

Industrial Management Website

Summary of Program Requirements

The Summary of Program Requirements for Industrial Management-Analytical Consulting is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Bachelor of Science in Industrial Management
Major: Analytical Consulting
Minimum credit hours: 120

Management Admissions Index Core (MAI)

- To be automatically admitted into upper division, students who have completed all courses in the MAI must have at least a 2.65 MAI GPA and a 2.40 cumulative GPA, have a C- or higher in all MAI and School of Management courses, and may not be on academic probation.
- Requirements for upper division can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>
- MAI courses, or their equivalents, may only be enrolled in two times for a grade.
- A maximum of three MAI courses may be retaken.
- School of Management, MAI, and concentration courses with grades of "F" can only be retaken at Purdue University.
- Both science electives must be completed prior to admission to upper division of Industrial Management

MAI Core

Requirements for upper division can be found online:

<http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>

- ENGL 10600 - First-Year Composition *UC* satisfies Written Communication for core or
- ENGL 10800 - Accelerated First-Year Composition *UC* satisfies Written Communication for core
- MA 16100 - Plane Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core or
- MA 16500 - Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core
- MA 16200 - Plane Analytic Geometry And Calculus II
- ECON 25100 - Microeconomics *UC* satisfies Behavioral/Social Science for core
- MGMT 20000 - Introductory Accounting

School of Management Foundations

- COM 11400 - Fundamentals Of Speech Communication *UC* satisfies Oral Communication for core ◇
- CS 23500 - Introduction To Organizational Computing ◇
- ECON 25200 - Macroeconomics *UC* satisfies Behavioral/Social Science for core
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 30100 - Professional Career Management
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

International Electives

Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.

Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

- AGEC 25000 - Economic Geography Of World Food And Resources
- AGEC 34000 - International Economic Development
- AGEC 45000 - International Agricultural Trade
- ANTH 34100 - Culture And Personality
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 33300
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 38100 - Julius Caesar: Statesman, Soldier, Citizen
- CLCS 38300 - The Roman Empire
- CLCS 48300 - Republican Rome
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- HIST 34000 - Modern China
- HIST 34100 - History Of Africa South Of The Sahara
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 40800 - Dictatorship And Democracy: Europe 1919-1945
- PHIL 33000
- PHIL 33100
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations
- POL 34500 - West European Democracies In The Post-Industrial Era
- POL 34700 - Introduction To Latin American Politics
- POL 34800 - East Asian Politics
- POL 43000 - Selected Problems In International Relations
- POL 43200 - Selected Problems In World Order
- POL 43300 - International Organization
- POL 43500 - International Law
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- * You must be in Upper Division to take these classes.
- ECON 36800 - Economics And Values
- ECON 37000 - International Trade
- ECON 46600 - International Economics
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management
- MGMT 50900 - International Accounting

Chemistry or Physics (8 Hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: CHM 11500 & 12300; CHM 11600 & 12400; PHYS 17200, 21800 & 22000; PHYS 21900, 22100, 24100, 25100 & 26100.

- CHM 11500 - General Chemistry
- CHM 11600 - General Chemistry
- CHM 12300 - General Chemistry For Engineers I
- CHM 12400 - General Chemistry For Engineers II
- PHYS 17200 - Modern Mechanics
- PHYS 21800 - General Physics
- PHYS 21900 - General Physics II
- PHYS 22000 - General Physics
- PHYS 22100 - General Physics
- PHYS 24100 - Electricity And Optics
- PHYS 25100
- PHYS 26100 - Electricity And Optics

University Core/Program Course Requirements

- UC Human Cultures Humanities *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
- UC Science, Technology & Society *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

(Additional requirements fulfilled through MAI Core and/or School of Management Foundations courses)

Upper Division Required Courses

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- MGMT 45100 - Strategic Management
- ECON 41900 - Managerial Economics

Analytical Consulting Upper Division Required Major Courses

Successfully complete 3 of the following courses

- MGMT 40500 - Six Sigma And Quality Management
- MGMT 47200 - Advanced Spreadsheet Modeling And Simulation
- MGMT 49000 - Problems In Industrial Management - Business Data Mining

- MGMT 49000 - Problems In Industrial Management - Predictive Analytics
- MGMT 54400 - Database Management Systems
- ECON 36000 - Econometrics

Successfully complete 2 of the following courses

- MGMT 42500 - Marketing Research
- MGMT 46200 - Advanced Manufacturing Planning And Control Systems
- MGMT 41100 - Investment Management
- MGMT 49000 - Problems In Industrial Management - Marketing Analytics
- MGMT 49000 - Problems In Industrial Management - Supply Chain Analytics
- MGMT 50600 - Auditing

Electives (Complete Enough Electives to Equal at Least 120 Credits)

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher, except for MGMT 30100, can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtxcrd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Krannert study abroad programs may be used to satisfy degree requirements. Students participating in a Purdue approved study abroad program are registered as full-time Purdue students during their semester abroad. Schedule an appointment with your advisor to discuss study abroad opportunities. Minors outside of the School of Management are also available.
- Refer to the most updated list of pre- and co-requisites and Course Grade Requirements at <http://krannert.purdue.edu/undergraduate/current-students/home.php>

Program Requirements

Fall 1st Year

- MA 16100 - Plane Analytic Geometry And Calculus I or
- MA 16500 - Analytic Geometry And Calculus I
- ENGL 10600 - First-Year Composition or
- ENGL 10800 - Accelerated First-Year Composition
- CHM or PHYS - Credit Hours: 4.00
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

15-16 Credits

Spring 1st Year

- MA 16200 - Plane Analytic Geometry And Calculus II or
- MA 16600 - Analytic Geometry And Calculus II

- COM 11400 - Fundamentals Of Speech Communication
- CHM or PHYS - Credit Hours: 4.00
- UC Humanities - Credit Hours: 3.00
- MGMT 30100 - Professional Career Management

15-16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting
- ECON 25100 - Microeconomics
- MA 26100 - Multivariate Calculus
- CS 23500 - Introduction To Organizational Computing
- UC Science Tech & Society - Credit Hours: 3.00

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- International Elective - Credit Hours: 3.00
- Free Elective - Credit Hours: 3.00

15 Credits

Fall 3rd Year

- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- Required ANLC Courses - Credit Hours: 3.00
- ENGL 42000 - Business Writing

15 Credits

Spring 3rd Year

- International Elective - Credit Hours: 3.00

- MGMT 30600 - Management Science
- OBHR 33000 - Introduction To Organizational Behavior
- ECON 41900 - Managerial Economics
- Required ANLC Courses - Credit Hours: 3.00

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- Required ANLC Courses - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management (Formerly OBHR 42800)
- MGMT 45100 - Strategic Management
- Required ANLC Courses - Credit Hours: 3.00
- Required ANLC Courses - Credit Hours: 3.00
- General Elective (if necessary) - Credit Hours: 1.00

13 Credits

120 Total Credits

Note

UC Satisfies a University Core Requirement

◇ Completion prior to admittance to upper division strongly encouraged

GRADUATION INDEX REQUIREMENTS

Graduation Index: 2.0 minimum

Major (MGMT, OBHR, ECON) Index: 2.0 minimum

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

myPurduePlan is knowledge source for specific requirements and completion

Foreign Language Courses

Foreign Language proficiency requirements vary by program. For acceptable languages and proficiency levels, see your advisor:

American Sign Language, Arabic, Chinese, French, German, (ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Spanish

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Expired Course

Any course without a link to its description is one that has been expired. However, this course could fulfill the degree requirement historically.

Industrial Management/Computer Science, BSIM

About the Program

Industrial Management students are multi-talented. With a specialized business focus, students can forecast company growth and talk numbers in the board room as well as solve logistical problems in business operations. This flexibility has shown greater opportunity and faster upward mobility within organizations than most other business majors.

Industrial Management students combine rigorous courses in math, science, and business to sharpen strong analytic, business and technical skills. A dedication to continually learning - new processes, technology and skills - is a hallmark of an Industrial Management student. Specialties range from technical management areas to science and engineering.

Many Industrial Management graduates begin their careers in corporate leadership development rotational programs, where they gain additional business and technical knowledge. Others start their careers as production supervisors, operations analysts, strategic sourcing analysts or software business analysts.

Students may choose from the following concentrations: Analytical Consulting, Computer Science, Economics, Engineering, Financial Engineering, Management Information Systems, Manufacturing and Service Operations Management, Operations & Supply Chain Management, Quantitative Methods, Statistics and Science (Biology, Chemistry, Math, Physics, and Earth, Atmospheric and Planetary Sciences).

Industrial Management Website

Summary of Program Requirements

The Summary of Program Requirements for Industrial Management-Computer Science is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Management Admissions Index Core (MAI)

- To be automatically admitted into upper division, students who have completed all courses in the MAI must have at least a 2.65 MAI GPA and a 2.40 cumulative GPA, have a C- or higher in all MAI and School of Management courses, and may not be on academic probation.
- Requirements for upper division can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>
- MAI courses, or their equivalents, may only be enrolled in two times for a grade.
- A maximum of three MAI courses may be retaken.
- School of Management, MAI, and concentration courses with grades of "F" can only be retaken at Purdue University.
- Both science electives must be completed prior to admission to upper division of Industrial Management

MAI Core

Requirements for upper division can be found online:

<http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>

- ENGL 10600 - First-Year Composition *UC* satisfies Written Communication for core or
- ENGL 10800 - Accelerated First-Year Composition *UC* satisfies Written Communication for core

- MA 16100 - Plane Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core or
- MA 16500 - Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core

- MA 16200 - Plane Analytic Geometry And Calculus II
- ECON 25100 - Microeconomics *UC* satisfies Behavioral/Social Science for core
- MGMT 20000 - Introductory Accounting

School of Management Foundations

- COM 11400 - Fundamentals Of Speech Communication *UC* satisfies Oral Communication for core ◇
- CS 23500 - Introduction To Organizational Computing ◇
- ECON 25200 - Macroeconomics *UC* satisfies Behavioral/Social Science for core
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 30100 - Professional Career Management
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models

- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00

- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

International Electives

Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.

Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

- AGECE 25000 - Economic Geography Of World Food And Resources
- AGECE 34000 - International Economic Development
- AGECE 45000 - International Agricultural Trade
- ANTH 34100 - Culture And Personality
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 33300
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 38100 - Julius Caesar: Statesman, Soldier, Citizen
- CLCS 38300 - The Roman Empire
- CLCS 48300 - Republican Rome
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- HIST 34000 - Modern China
- HIST 34100 - History Of Africa South Of The Sahara
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 40800 - Dictatorship And Democracy: Europe 1919-1945
- PHIL 33000
- PHIL 33100
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations
- POL 34500 - West European Democracies In The Post-Industrial Era
- POL 34700 - Introduction To Latin American Politics
- POL 34800 - East Asian Politics
- POL 43000 - Selected Problems In International Relations
- POL 43200 - Selected Problems In World Order
- POL 43300 - International Organization
- POL 43500 - International Law
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- * You must be in Upper Division to take these classes.
- ECON 36800 - Economics And Values
- ECON 37000 - International Trade
- ECON 46600 - International Economics
- MGMT 41500 - International Financial Management

- MGMT 42210 - International Marketing
- MGMT 45900 - International Management
- MGMT 50900 - International Accounting

Chemistry or Physics (8 Hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: CHM 11500 & 12300; CHM 11600 & 12400; PHYS 17200, 21800 & 22000; PHYS 21900, 22100, 24100, 25100 & 26100.

- CHM 11500 - General Chemistry
- CHM 11600 - General Chemistry
- CHM 12300 - General Chemistry For Engineers I
- CHM 12400 - General Chemistry For Engineers II
- PHYS 17200 - Modern Mechanics
- PHYS 21800 - General Physics
- PHYS 21900 - General Physics II
- PHYS 22000 - General Physics
- PHYS 22100 - General Physics
- PHYS 24100 - Electricity And Optics
- PHYS 25100
- PHYS 26100 - Electricity And Optics

University Core/Program Course Requirements

- UC Human Cultures Humanities *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
- UC Science, Technology & Society *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

(Additional requirements fulfilled through MAI Core and/or School of Management Foundations courses)

Upper Division Required Courses

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- MGMT 45100 - Strategic Management
- ECON 41900 - Managerial Economics

Required Science, Computer Science Courses

Complete 15 credit hours from the following courses with a "C" or higher. **All courses require permission from the CS department. See CS website for instructions.

- CS 18000 - Problem Solving And Object-Oriented Programming
- CS 18200 - Foundations Of Computer Science
- CS 24000 - Programming In C
- CS 25000 - Computer Architecture
- CS 25100 - Data Structures And Algorithms

Electives (Complete Enough Electives to Equal at Least 120 Credits)

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher, except for MGMT 30100, can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtxcrd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Krannert study abroad programs may be used to satisfy degree requirements. Students participating in a Purdue approved study abroad program are registered as full-time Purdue students during their semester abroad. Schedule an appointment with your advisor to discuss study abroad opportunities. Minors outside of the School of Management are also available.
- Refer to the most updated list of pre- and co-requisites and Course Grade Requirements at <http://krannert.purdue.edu/undergraduate/current-students/home.php>

Note

UC Satisfies a University Core Requirement

◇ Completion prior to admittance to upper division strongly encouraged

GRADUATION INDEX REQUIREMENTS

Graduation Index: 2.0 minimum

Major (MGMT, OBHR, ECON) Index: 2.0 minimum

Program Requirements

Fall 1st Year

- MA 16100 - Plane Analytic Geometry And Calculus I or
- MA 16500 - Analytic Geometry And Calculus I

- ENGL 10600 - First-Year Composition or
- ENGL 10800 - Accelerated First-Year Composition

- CHM or PHYS - Credit Hours: 4.00

- PSY 12000 - Elementary Psychology or

- SOC 10000 - Introductory Sociology

15-16 Credits

Spring 1st Year

- MA 16200 - Plane Analytic Geometry And Calculus II or
- MA 16600 - Analytic Geometry And Calculus II

- COM 11400 - Fundamentals Of Speech Communication
- CHM or PHYS - Credit Hours: 4.00
- UC Humanities - Credit Hours: 3.00
- MGMT 30100 - Professional Career Management

15-16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting
- ECON 25100 - Microeconomics
- MA 26100 - Multivariate Calculus
- CS 23500 - Introduction To Organizational Computing
- UC Science Tech & Society - Credit Hours: 3.00

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- International Elective - Credit Hours: 3.00
- Free Elective - Credit Hours: 3.00

15 Credits

Fall 3rd Year

- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- Required CS Courses - Credit Hours: 3.00
- ENGL 42000 - Business Writing

15 Credits

Spring 3rd Year

- International Elective - Credit Hours: 3.00
- MGMT 30600 - Management Science
- OBHR 33000 - Introduction To Organizational Behavior
- ECON 41900 - Managerial Economics
- Required CS Courses - Credit Hours: 3.00

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- Required CS Courses - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management (Formerly OBHR 42800)
- MGMT 45100 - Strategic Management
- Required Computer Science Course - Credit Hours: 3.00
- Required Computer Science Course - Credit Hours: 4.00
- General Elective (If necessary) - Credit Hours: 1.00

14 Credits

120 Total Credits

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

myPurduePlan is knowledge source for specific requirements and completion

Foreign Language Courses

Foreign Language proficiency requirements vary by program. For acceptable languages and proficiency levels, see your advisor:

American Sign Language, Arabic, Chinese, French, German, (ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Spanish

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Expired Course

Any course without a link to its description is one that has been expired. However, this course could fulfill the degree requirement historically.

Industrial Management/Economics Honors, BSIM

About the Program

Industrial Management students are multi-talented. With a specialized business focus, students can forecast company growth and talk numbers in the board room as well as solve logistical problems in business operations. This flexibility has shown greater opportunity and faster upward mobility within organizations than most other business majors.

Industrial Management students combine rigorous courses in math, science, and business to sharpen strong analytic, business and technical skills. A dedication to continually learning - new processes, technology and skills - is a hallmark of an Industrial Management student. Specialties range from technical management areas to science and engineering.

Many Industrial Management graduates begin their careers in corporate leadership development rotational programs, where they gain additional business and technical knowledge. Others start their careers as production supervisors, operations analysts, strategic sourcing analysts or software business analysts.

Students may choose from the following concentrations: Analytical Consulting, Computer Science, Economics, Engineering, Financial Engineering, Management Information Systems, Manufacturing and Service Operations Management, Operations & Supply Chain Management, Quantitative Methods, Statistics and Science (Biology, Chemistry, Math, Physics, and Earth, Atmospheric and Planetary Sciences).

Industrial Management Website

Summary of Program Requirements

The Summary of Program Requirements for Industrial Management - Economics Honors is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Bachelor of Science in Industrial Management
Major: Economics
Minimum credit hours: 120

Management Admissions Index Core (MAI)

- To be automatically admitted into upper division, students who have completed all courses in the MAI must have at least a 2.65 MAI GPA and a 2.40 cumulative GPA, have a C- or higher in all MAI and School of Management courses, and may not be on academic probation.
- Requirements for upper division can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>
- MAI courses, or their equivalents, may only be enrolled in two times for a grade.
- A maximum of three MAI courses may be retaken.
- School of Management, MAI, and concentration courses with grades of "F" can only be retaken at Purdue University.
- Both science electives must be completed prior to admission to upper division of Industrial Management

MAI Core

Requirements for upper division can be found online:

<http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>

- ENGL 10600 - First-Year Composition *UC* satisfies Written Communication for core or
- ENGL 10800 - Accelerated First-Year Composition *UC* satisfies Written Communication for core
- MA 16100 - Plane Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core or
- MA 16500 - Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core
- MA 16200 - Plane Analytic Geometry And Calculus II
- ECON 25100 - Microeconomics *UC* satisfies Behavioral/Social Science for core
- MGMT 20000 - Introductory Accounting

School of Management Foundations

- COM 11400 - Fundamentals Of Speech Communication *UC* satisfies Oral Communication for core ◇
- CS 23500 - Introduction To Organizational Computing ◇
- ECON 25200 - Macroeconomics *UC* satisfies Behavioral/Social Science for core
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 30100 - Professional Career Management
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

International Electives

Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.

Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

- AGEC 25000 - Economic Geography Of World Food And Resources
- AGEC 34000 - International Economic Development
- AGEC 45000 - International Agricultural Trade
- ANTH 34100 - Culture And Personality
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 33300
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 38100 - Julius Caesar: Statesman, Soldier, Citizen
- CLCS 38300 - The Roman Empire
- CLCS 48300 - Republican Rome
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- HIST 34000 - Modern China
- HIST 34100 - History Of Africa South Of The Sahara
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 40800 - Dictatorship And Democracy: Europe 1919-1945
- PHIL 33000
- PHIL 33100
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations
- POL 34500 - West European Democracies In The Post-Industrial Era
- POL 34700 - Introduction To Latin American Politics
- POL 34800 - East Asian Politics
- POL 43000 - Selected Problems In International Relations
- POL 43200 - Selected Problems In World Order
- POL 43300 - International Organization
- POL 43500 - International Law
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- * You must be in Upper Division to take these classes.
- ECON 36800 - Economics And Values
- ECON 37000 - International Trade
- ECON 46600 - International Economics
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management
- MGMT 50900 - International Accounting

Chemistry or Physics (8 Hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: CHM 11500 & 12300; CHM 11600 & 12400; PHYS 17200, 21800 & 22000; PHYS 21900, 22100, 24100, 25100 & 26100.

- CHM 11500 - General Chemistry
- CHM 11600 - General Chemistry
- CHM 12300 - General Chemistry For Engineers I
- CHM 12400 - General Chemistry For Engineers II
- PHYS 17200 - Modern Mechanics
- PHYS 21800 - General Physics
- PHYS 21900 - General Physics II
- PHYS 22000 - General Physics
- PHYS 22100 - General Physics
- PHYS 24100 - Electricity And Optics
- PHYS 25100
- PHYS 26100 - Electricity And Optics

University Core/Program Course Requirements

- UC Human Cultures Humanities *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
- UC Science, Technology & Society *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

(Additional requirements fulfilled through MAI Core and/or School of Management Foundations courses)

Upper Division Required Courses

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- MGMT 45100 - Strategic Management
- ECON 41900 - Managerial Economics

Economics Upper Division Required Courses

- ECON 34000 - Intermediate Microeconomic Theory
- ECON 35200 - Intermediate Macroeconomics
- ECON 30000 or 40000 level courses
- ECON 30000 or 40000 level courses
- ECON 30000 or 40000 level courses

Honors Economics Upper Division Required Courses

Students must have a 3.3 in all ECON courses and an overall GPA of 3.3 to pursue ECON Honors.

Complete the following courses

- ECON 34000 - Intermediate Microeconomic Theory
- ECON 35200 - Intermediate Macroeconomics
- ECON 36000 - Econometrics
- ECON 49900 - Senior Honors Thesis (Spring only)
- One ECON 300 or 40000 level course - Credit Hours: 3.00

Electives (Complete Enough Electives to Equal at Least 120 Credits)

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher, except for MGMT 30100, can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtxcd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Krannert study abroad programs may be used to satisfy degree requirements. Students participating in a Purdue approved study abroad program are registered as full-time Purdue students during their semester abroad. Schedule an appointment with your advisor to discuss study abroad opportunities. Minors outside of the School of Management are also available.
- Refer to the most updated list of pre- and co-requisites and Course Grade Requirements at <http://krannert.purdue.edu/undergraduate/current-students/home.php>

Program Requirements

Fall 1st Year

- MA 16100 - Plane Analytic Geometry And Calculus I or
- MA 16500 - Analytic Geometry And Calculus I

- ENGL 10600 - First-Year Composition or
- ENGL 10800 - Accelerated First-Year Composition

- CHM or PHYS - Credit Hours: 4.00

- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

15-16 Credits

Spring 1st Year

- MA 16200 - Plane Analytic Geometry And Calculus II or
- MA 16600 - Analytic Geometry And Calculus II
- COM 11400 - Fundamentals Of Speech Communication
- CHM or PHYS - Credit Hours: 4.00
- UC Humanities - Credit Hours: 3.00
- MGMT 30100 - Professional Career Management

15-16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting
- ECON 25100 - Microeconomics
- MA 26100 - Multivariate Calculus
- CS 23500 - Introduction To Organizational Computing
- UC Science Tech & Society - Credit Hours: 3.00

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- International Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Fall 3rd Year

- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- ENGL 42000 - Business Writing
- Required ECON Courses - Credit Hours: 3.00

15 Credits

Spring 3rd Year

- International Elective - Credit Hours: 3.00
- MGMT 30600 - Management Science
- OBHR 33000 - Introduction To Organizational Behavior

- ECON 41900 - Managerial Economics
- Required ECON Courses - Credit Hours: 3.00

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- General Elective - Credit Hours: 3.00
- Required ECON Courses - Credit Hours: 3.00

15 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management (Formerly OBHR 42800)
- MGMT 45100 - Strategic Management
- Required ECON Courses - Credit Hours: 3.00
- Required ECON Courses - Credit Hours: 3.00
- General Elective (if necessary) - Credit Hours: 1.00

12-13 Credits

120 Total Credits

Note

UC Satisfies a University Core Requirement

◇ Completion prior to admittance to upper division strongly encouraged

GRADUATION INDEX REQUIREMENTS

Graduation Index: 2.0 minimum

Major (MGMT, OBHR, ECON) Index: 2.0 minimum

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

myPurduePlan is knowledge source for specific requirements and completion

Foreign Language Courses

Foreign Language proficiency requirements vary by program. For acceptable languages and proficiency levels, see your advisor:

American Sign Language, Arabic, Chinese, French, German, (ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Spanish

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Expired Course

Any course without a link to its description is one that has been expired. However, this course could fulfill the degree requirement historically.

Industrial Management/Economics, BSIM

About the Program

Industrial Management students are multi-talented. With a specialized business focus, students can forecast company growth and talk numbers in the board room as well as solve logistical problems in business operations. This flexibility has shown greater opportunity and faster upward mobility within organizations than most other business majors.

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Students may choose from the following concentrations: Analytical Consulting, Computer Science, Economics, Engineering, Financial Engineering, Management Information Systems, Manufacturing and Service Operations Management, Operations & Supply Chain Management, Quantitative Methods, Statistics and Science (Biology, Chemistry, Math, Physics, and Earth, Atmospheric and Planetary Sciences).

Industrial Management Website

Summary of Program Requirements

The Summary of Program Requirements for Industrial Management - Economics is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Bachelor of Science in Industrial Management
Major: Economics
Minimum credit hours: 120

Management Admissions Index Core (MAI)

- To be automatically admitted into upper division, students who have completed all courses in the MAI must have at least a 2.65 MAI GPA and a 2.40 cumulative GPA, have a C- or higher in all MAI and School of Management courses, and may not be on academic probation.
- Requirements for upper division can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>
- MAI courses, or their equivalents, may only be enrolled in two times for a grade.
- A maximum of three MAI courses may be retaken.
- School of Management, MAI, and concentration courses with grades of "F" can only be retaken at Purdue University.
- Both science electives must be completed prior to admission to upper division of Industrial Management

MAI Core

Requirements for upper division can be found online:

<http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>

- ENGL 10600 - First-Year Composition *UC* satisfies Written Communication for core or
- ENGL 10800 - Accelerated First-Year Composition *UC* satisfies Written Communication for core

- MA 16100 - Plane Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core or
- MA 16500 - Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core

- MA 16200 - Plane Analytic Geometry And Calculus II
- ECON 25100 - Microeconomics *UC* satisfies Behavioral/Social Science for core
- MGMT 20000 - Introductory Accounting

School of Management Foundations

- COM 11400 - Fundamentals Of Speech Communication *UC* satisfies Oral Communication for core ◊
- CS 23500 - Introduction To Organizational Computing ◊
- ECON 25200 - Macroeconomics *UC* satisfies Behavioral/Social Science for core
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 30100 - Professional Career Management
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models

- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

International Electives

Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.

Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

- AGEC 25000 - Economic Geography Of World Food And Resources
 - AGEC 34000 - International Economic Development
 - AGEC 45000 - International Agricultural Trade
 - ANTH 34100 - Culture And Personality
 - CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
 - CLCS 33300
 - CLCS 38000 - Alexander The Great and Hellenistic World
 - CLCS 38100 - Julius Caesar: Statesman, Soldier, Citizen
 - CLCS 38300 - The Roman Empire
 - CLCS 48300 - Republican Rome
 - COM 22400 - Communicating In The Global Workplace
 - COM 30300 - Intercultural Communication
 - CSR 33200 - Cross-Cultural Marketing And International Retailing
 - HIST 34000 - Modern China
 - HIST 34100 - History Of Africa South Of The Sahara
 - HIST 34300 - Traditional Japan
 - HIST 34400 - History Of Modern Japan
 - HIST 40800 - Dictatorship And Democracy: Europe 1919-1945
 - PHIL 33000
 - PHIL 33100
 - POL 13000 - Introduction To International Relations
 - POL 14100 - Governments Of The World
 - POL 23500 - International Relations Among Rich And Poor Nations
 - POL 23700 - Modern Weapons And International Relations
 - POL 34500 - West European Democracies In The Post-Industrial Era
 - POL 34700 - Introduction To Latin American Politics
 - POL 34800 - East Asian Politics
 - POL 43000 - Selected Problems In International Relations
 - POL 43200 - Selected Problems In World Order
 - POL 43300 - International Organization
 - POL 43500 - International Law
 - SOC 33900 - Introduction To The Sociology Of Developing Nations
- * You must be in Upper Division to take these classes.
- ECON 36800 - Economics And Values
 - ECON 37000 - International Trade
 - ECON 46600 - International Economics
 - MGMT 41500 - International Financial Management
 - MGMT 42210 - International Marketing
 - MGMT 45900 - International Management
 - MGMT 50900 - International Accounting

Chemistry or Physics (8 Hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: CHM 11500 & 12300; CHM 11600 & 12400; PHYS 17200, 21800 & 22000; PHYS 21900, 22100, 24100, 25100 & 26100.

- CHM 11500 - General Chemistry
- CHM 11600 - General Chemistry
- CHM 12300 - General Chemistry For Engineers I
- CHM 12400 - General Chemistry For Engineers II
- PHYS 17200 - Modern Mechanics
- PHYS 21800 - General Physics
- PHYS 21900 - General Physics II
- PHYS 22000 - General Physics
- PHYS 22100 - General Physics
- PHYS 24100 - Electricity And Optics
- PHYS 25100
- PHYS 26100 - Electricity And Optics

University Core/Program Course Requirements

- UC Human Cultures Humanities *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
- UC Science, Technology & Society *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

(Additional requirements fulfilled through MAI Core and/or School of Management Foundations courses)

Upper Division Required Courses

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- MGMT 45100 - Strategic Management
- ECON 41900 - Managerial Economics

Economics Upper Division Required Courses

- ECON 34000 - Intermediate Microeconomic Theory
- ECON 35200 - Intermediate Macroeconomics
- ECON 30000 or 40000 level courses - Credit Hours: 3.00
- ECON 30000 or 40000 level courses - Credit Hours: 3.00
- ECON 30000 or 40000 level courses - Credit Hours: 3.00

Electives (Complete Enough Electives to Equal at Least 120 Credits)

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher, except for MGMT 30100, can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtxcrd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Krannert study abroad programs may be used to satisfy degree requirements. Students participating in a Purdue approved study abroad program are registered as full-time Purdue students during their semester abroad. Schedule an appointment with your advisor to discuss study abroad opportunities. Minors outside of the School of Management are also available.
- Refer to the most updated list of pre- and co-requisites and Course Grade Requirements at <http://krannert.purdue.edu/undergraduate/current-students/home.php>

Note

UC Satisfies a University Core Requirement

◇ Completion prior to admittance to upper division strongly encouraged

GRADUATION INDEX REQUIREMENTS

Graduation Index: 2.0 minimum

Major (MGMT, OBHR, ECON) Index: 2.0 minimum

Program Requirements

Fall 1st Year

- MA 16100 - Plane Analytic Geometry And Calculus I or
- MA 16500 - Analytic Geometry And Calculus I

- ENGL 10600 - First-Year Composition or
- ENGL 10800 - Accelerated First-Year Composition

- CHM or PHYS - Credit Hours: 4.00

- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

15-16 Credits

Spring 1st Year

- MA 16200 - Plane Analytic Geometry And Calculus II or

- MA 16600 - Analytic Geometry And Calculus II
- COM 11400 - Fundamentals Of Speech Communication
- CHM or PHYS - Credit Hours: 4.00
- UC Humanities - Credit Hours: 3.00
- MGMT 30100 - Professional Career Management

15-16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting
- ECON 25100 - Microeconomics
- MA 26100 - Multivariate Calculus
- CS 23500 - Introduction To Organizational Computing
- UC Science Tech & Society - Credit Hours: 3.00

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- International Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Fall 3rd Year

- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- ENGL 42000 - Business Writing
- Required ECON Courses - Credit Hours: 3.00

15 Credits

Spring 3rd Year

- International Elective - Credit Hours: 3.00
- MGMT 30600 - Management Science
- OBHR 33000 - Introduction To Organizational Behavior
- ECON 41900 - Managerial Economics

- Required ECON Courses - Credit Hours: 3.00

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- Required ECON Courses - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management (Formerly OBHR 42800)
- MGMT 45100 - Strategic Management
- Required ECON Courses - Credit Hours: 3.00
- Required ECON Courses - Credit Hours: 3.00
- General Elective (if necessary) - Credit Hours: 1.00

12-13 Credits

120 Total Credits

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

myPurduePlan is knowledge source for specific requirements and completion

Foreign Language Courses

Foreign Language proficiency requirements vary by program. For acceptable languages and proficiency levels, see your advisor:

American Sign Language, Arabic, Chinese, French, German, (ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Spanish

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Expired Course

Any course without a link to its description is one that has been expired. However, this course could fulfill the degree requirement historically.

Industrial Management/Engineering, BSIM

About the Program

Industrial Management students are multi-talented. With a specialized business focus, students can forecast company growth and talk numbers in the board room as well as solve logistical problems in business operations. This flexibility has shown greater opportunity and faster upward mobility within organizations than most other business majors.

Industrial Management students combine rigorous courses in math, science, and business to sharpen strong analytic, business and technical skills. A dedication to continually learning - new processes, technology and skills - is a hallmark of an Industrial Management student. Specialties range from technical management areas to science and engineering.

Many Industrial Management graduates begin their careers in corporate leadership development rotational programs, where they gain additional business and technical knowledge. Others start their careers as production supervisors, operations analysts, strategic sourcing analysts or software business analysts.

Students may choose from the following concentrations: Analytical Consulting, Computer Science, Economics, Engineering, Financial Engineering, Management Information Systems, Manufacturing and Service Operations Management, Operations & Supply Chain Management, Quantitative Methods, Statistics and Science (Biology, Chemistry, Math, Physics, and Earth, Atmospheric and Planetary Sciences).

Industrial Management Website

Summary of Program Requirements

The Summary of Program Requirements for Industrial Management - Engineering is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Bachelor of Science in Industrial Management
Major: Engineering
Minimum credit hours: 120

Management Admissions Index Core (MAI)

- To be automatically admitted into upper division, students who have completed all courses in the MAI must have at least a 2.65 MAI GPA and a 2.40 cumulative GPA, have a C- or higher in all MAI and School of Management courses, and may not be on academic probation.
- Requirements for upper division can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>
- MAI courses, or their equivalents, may only be enrolled in two times for a grade.
- A maximum of three MAI courses may be retaken.

- School of Management, MAI, and concentration courses with grades of "F" can only be retaken at Purdue University.
- Both science electives must be completed prior to admission to upper division of Industrial Management

MAI Core

Requirements for upper division can be found online:

<http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>

- ENGL 10600 - First-Year Composition *UC* satisfies Written Communication for core or
- ENGL 10800 - Accelerated First-Year Composition *UC* satisfies Written Communication for core
- MA 16100 - Plane Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core or
- MA 16500 - Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core
- MA 16200 - Plane Analytic Geometry And Calculus II
- ECON 25100 - Microeconomics *UC* satisfies Behavioral/Social Science for core
- MGMT 20000 - Introductory Accounting

School of Management Foundations

- COM 11400 - Fundamentals Of Speech Communication *UC* satisfies Oral Communication for core ◇
- CS 23500 - Introduction To Organizational Computing ◇
- ECON 25200 - Macroeconomics *UC* satisfies Behavioral/Social Science for core
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 30100 - Professional Career Management
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

International Electives

Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.

Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

- AGECE 25000 - Economic Geography Of World Food And Resources
- AGECE 34000 - International Economic Development

- AGEC 45000 - International Agricultural Trade
- ANTH 34100 - Culture And Personality
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 33300
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 38100 - Julius Caesar: Statesman, Soldier, Citizen
- CLCS 38300 - The Roman Empire
- CLCS 48300 - Republican Rome
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- HIST 34000 - Modern China
- HIST 34100 - History Of Africa South Of The Sahara
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 40800 - Dictatorship And Democracy: Europe 1919-1945
- PHIL 33000
- PHIL 33100
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations
- POL 34500 - West European Democracies In The Post-Industrial Era
- POL 34700 - Introduction To Latin American Politics
- POL 34800 - East Asian Politics
- POL 43000 - Selected Problems In International Relations
- POL 43200 - Selected Problems In World Order
- POL 43300 - International Organization
- POL 43500 - International Law
- SOC 33900 - Introduction To The Sociology Of Developing Nations
* You must be in Upper Division to take these classes.
- ECON 36800 - Economics And Values
- ECON 37000 - International Trade
- ECON 46600 - International Economics
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management
- MGMT 50900 - International Accounting

Chemistry or Physics (8 Hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: CHM 11500 & 12300; CHM 11600 & 12400; PHYS 17200, 21800 & 22000; PHYS 21900, 22100, 24100, 25100 & 26100.

- CHM 11500 - General Chemistry
- CHM 11600 - General Chemistry

- CHM 12300 - General Chemistry For Engineers I
- CHM 12400 - General Chemistry For Engineers II
- PHYS 17200 - Modern Mechanics
- PHYS 21800 - General Physics
- PHYS 21900 - General Physics II
- PHYS 22000 - General Physics
- PHYS 22100 - General Physics
- PHYS 24100 - Electricity And Optics
- PHYS 25100
- PHYS 26100 - Electricity And Optics

University Core/Program Course Requirements

- UC Human Cultures Humanities *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
 - UC Science, Technology & Society *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
- (Additional requirements fulfilled through MAI Core and/or School of Management Foundations courses)

Upper Division Required Courses

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- MGMT 45100 - Strategic Management
- ECON 41900 - Managerial Economics

Required Engineering-Industrial Engineering Courses

Complete 15 credit hours from the following courses

Work Methods and Design

- IE 38600 - Work Analysis And Design I
- IE 55600 - Job Design
- IE 55800 - Safety Engineering
- IE 57700 - Human Factors In Engineering

Statistical Control

- IE 53000 - Quality Control
- IE 53300 - Industrial Applications Of Statistics

Economic Decision Making

- IE 54500 - Engineering Economic Analysis
- IE 54600 - Economic Decisions In Engineering
- IE 59000 - Topics In Industrial Engineering

Electives (Complete Enough Electives to Equal at Least 120 Credits)

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher, except for MGMT 30100, can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtxcrd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Krannert study abroad programs may be used to satisfy degree requirements. Students participating in a Purdue approved study abroad program are registered as full-time Purdue students during their semester abroad. Schedule an appointment with your advisor to discuss study abroad opportunities. Minors outside of the School of Management are also available.
- Refer to the most updated list of pre- and co-requisites and Course Grade Requirements at <http://krannert.purdue.edu/undergraduate/current-students/home.php>

Note

UC Satisfies a University Core Requirement

◇ Completion prior to admittance to upper division strongly encouraged

GRADUATION INDEX REQUIREMENTS

Graduation Index: 2.0 minimum

Major (MGMT, OBHR, ECON) Index: 2.0 minimum

Program Requirements

Fall 1st Year

- MA 16100 - Plane Analytic Geometry And Calculus I or
- MA 16500 - Analytic Geometry And Calculus I

- ENGL 10600 - First-Year Composition or
- ENGL 10800 - Accelerated First-Year Composition

- CHM or PHYS - Credit Hours: 4.00

- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

15-16 Credits

Spring 1st Year

- MA 16200 - Plane Analytic Geometry And Calculus II or
- MA 16600 - Analytic Geometry And Calculus II

- COM 11400 - Fundamentals Of Speech Communication
- CHM or PHYS - Credit Hours: 4.00
- UC Humanities - Credit Hours: 3.00
- MGMT 30100 - Professional Career Management

15-16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting
- ECON 25100 - Microeconomics
- MA 26100 - Multivariate Calculus
- CS 23500 - Introduction To Organizational Computing
- UC Science Tech & Society - Credit Hours: 3.00

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- International Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Fall 3rd Year

- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- Required Engineering Courses - Credit Hours: 3.00
- ENGL 42000 - Business Writing

15 Credits

Spring 3rd Year

- International Elective - Credit Hours: 3.00
- MGMT 30600 - Management Science
- OBHR 33000 - Introduction To Organizational Behavior
- ECON 41900 - Managerial Economics
- Required Engineering Courses - Credit Hours: 3.00

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- Required Engineering Courses - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management (Formerly OBHR 42800)
- MGMT 45100 - Strategic Management
- Required Engineering Courses - Credit Hours: 3.00
- Required Engineering Courses - Credit Hours: 3.00
- General Elective (if necessary) - Credit Hours: 1.00

13 Credits

120 Total Credits

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

myPurduePlan is knowledge source for specific requirements and completion

Foreign Language Courses

Foreign Language proficiency requirements vary by program. For acceptable languages and proficiency levels, see your advisor:

American Sign Language, Arabic, Chinese, French, German, (ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Spanish

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Expired Course

Any course without a link to its description is one that has been expired. However, this course could fulfill the degree requirement historically.

Industrial Management/Financial Engineering, BSIM

About the Program

Industrial Management students are multi-talented. With a specialized business focus, students can forecast company growth and talk numbers in the board room as well as solve logistical problems in business operations. This flexibility has shown greater opportunity and faster upward mobility within organizations than most other business majors.

Industrial Management students combine rigorous courses in math, science, and business to sharpen strong analytic, business and technical skills. A dedication to continually learning -- new processes, technology and skills -- is a hallmark of an Industrial Management student. Specialties range from technical management areas to science and engineering.

Many Industrial Management graduates begin their careers in corporate leadership development rotational programs, where they gain additional business and technical knowledge. Others start their careers as production supervisors, operations analysts, strategic sourcing analysts or software business analysts.

Students may choose from the following concentrations: Analytical Consulting, Computer Science, Economics, Engineering, Financial Engineering, Management Information Systems, Manufacturing and Service Operations Management, Operations & Supply Chain Management, Quantitative Methods, Statistics and Science (Biology, Chemistry, Math, Physics, and Earth, Atmospheric and Planetary Sciences).

Industrial Management Website

Summary of Program Requirements

The Summary of Program Requirements for Industrial Management - Financial Engineering is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Bachelor of Science in Industrial Management
Major: Financial Engineering
Minimum credit hours: 120

Management Admissions Index Core (MAI)

- To be automatically admitted into upper division, students who have completed all courses in the MAI must have at least a 2.65 MAI GPA and a 2.40 cumulative GPA, have a C- or higher in all MAI and School of Management courses, and may not be on academic probation.
- Requirements for upper division can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>
- MAI courses, or their equivalents, may only be enrolled in two times for a grade.
- A maximum of three MAI courses may be retaken.
- School of Management, MAI, and concentration courses with grades of "F" can only be retaken at Purdue University.
- Both science electives must be completed prior to admission to upper division of Industrial Management

MAI Core

Requirements for upper division can be found online:

<http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>

- ENGL 10600 - First-Year Composition *UC* satisfies Written Communication for core or
- ENGL 10800 - Accelerated First-Year Composition *UC* satisfies Written Communication for core
- MA 16100 - Plane Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core or
- MA 16500 - Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core
- MA 16200 - Plane Analytic Geometry And Calculus II
- ECON 25100 - Microeconomics *UC* satisfies Behavioral/Social Science for core
- MGMT 20000 - Introductory Accounting

School of Management Foundations

- COM 11400 - Fundamentals Of Speech Communication *UC* satisfies Oral Communication for core ◇
- CS 23500 - Introduction To Organizational Computing ◇
- ECON 25200 - Macroeconomics *UC* satisfies Behavioral/Social Science for core
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 30100 - Professional Career Management
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

International Electives

Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.

Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

- AGEC 25000 - Economic Geography Of World Food And Resources
- AGEC 34000 - International Economic Development
- AGEC 45000 - International Agricultural Trade
- ANTH 34100 - Culture And Personality
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 33300
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 38100 - Julius Caesar: Statesman, Soldier, Citizen
- CLCS 38300 - The Roman Empire
- CLCS 48300 - Republican Rome
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- HIST 34000 - Modern China
- HIST 34100 - History Of Africa South Of The Sahara
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 40800 - Dictatorship And Democracy: Europe 1919-1945
- PHIL 33000
- PHIL 33100
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations
- POL 34500 - West European Democracies In The Post-Industrial Era
- POL 34700 - Introduction To Latin American Politics
- POL 34800 - East Asian Politics
- POL 43000 - Selected Problems In International Relations
- POL 43200 - Selected Problems In World Order
- POL 43300 - International Organization
- POL 43500 - International Law
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- * You must be in Upper Division to take these classes.
- ECON 36800 - Economics And Values
- ECON 37000 - International Trade
- ECON 46600 - International Economics
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management
- MGMT 50900 - International Accounting

Chemistry or Physics (8 Hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: CHM 11500 & 12300; CHM 11600 & 12400; PHYS 17200, 21800 & 22000; PHYS 21900, 22100, 24100, 25100 & 26100.

- CHM 11500 - General Chemistry
- CHM 11600 - General Chemistry
- CHM 12300 - General Chemistry For Engineers I
- CHM 12400 - General Chemistry For Engineers II
- PHYS 17200 - Modern Mechanics
- PHYS 21800 - General Physics
- PHYS 21900 - General Physics II
- PHYS 22000 - General Physics
- PHYS 22100 - General Physics
- PHYS 24100 - Electricity And Optics
- PHYS 25100
- PHYS 26100 - Electricity And Optics

University Core/Program Course Requirements

- UC Human Cultures Humanities *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
- UC Science, Technology & Society *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

(Additional requirements fulfilled through MAI Core and/or School of Management Foundations courses)

Upper Division Required Courses

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- MGMT 45100 - Strategic Management
- ECON 41900 - Managerial Economics

Financial Engineering Upper Division Required Courses

Complete 5 of the following courses for 15 credits / Must have completed MGMT 30100 or IE 34300 prior to starting these course

- MGMT 41100 - Investment Management
- MGMT 41200 - Financial Institutions And Markets
- MGMT 41500 - International Financial Management

- MGMT 49000 - Problems In Industrial Management - Advance Spreadsheet Modeling
- MGMT 49000 - Problems In Industrial Management - Predictive Analytics
- MGMT 49000 - Problems In Industrial Management - Futures and Options
- ECON 51100 - Intermediate Economics I
- ECON 56200 - Econometrics I
- IE 53500 - Linear Programming
- IE 53800 - Nonlinear Optimization Algorithms And Models
- IE 54600 - Economic Decisions In Engineering
- IE 58100 - Simulation Design And Analysis
- IE 59000 - Topics In Industrial Engineering (Summer Only)

Electives (Complete Enough Electives to Equal at Least 120 Credits)

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher, except for MGMT 30100, can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtxcrd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Krannert study abroad programs may be used to satisfy degree requirements. Students participating in a Purdue approved study abroad program are registered as full-time Purdue students during their semester abroad. Schedule an appointment with your advisor to discuss study abroad opportunities. Minors outside of the School of Management are also available.
- Refer to the most updated list of pre- and co-requisites and Course Grade Requirements at <http://krannert.purdue.edu/undergraduate/current-students/home.php>

Note

UC Satisfies a University Core Requirement

◇ Completion prior to admittance to upper division strongly encouraged

GRADUATION INDEX REQUIREMENTS

Graduation Index: 2.0 minimum
Major (MGMT, OBHR, ECON) Index: 2.0 minimum

Program Requirements

Fall 1st Year

- MA 16100 - Plane Analytic Geometry And Calculus I or
- MA 16500 - Analytic Geometry And Calculus I
- ENGL 10600 - First-Year Composition or
- ENGL 10800 - Accelerated First-Year Composition
- CHM or PHYS - Credit Hours: 4.00

- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

15-16 Credits

Spring 1st Year

- MA 16200 - Plane Analytic Geometry And Calculus II or
- MA 16600 - Analytic Geometry And Calculus II
- COM 11400 - Fundamentals Of Speech Communication
- CHM or PHYS - Credit Hours: 4.00
- UC Humanities - Credit Hours: 3.00
- MGMT 30100 - Professional Career Management

15-16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting
- ECON 25100 - Microeconomics
- MA 26100 - Multivariate Calculus
- CS 23500 - Introduction To Organizational Computing
- UC Science Tech & Society - Credit Hours: 3.00

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- International Elective - Credit Hours: 3.00
- Free Elective - Credit Hours: 3.00

15 Credits

Fall 3rd Year

- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- Required Financial Engineering Courses - Credit Hours: 3.00
- ENGL 42000 - Business Writing

15 Credits

Spring 3rd Year

- International Elective - Credit Hours: 3.00
- MGMT 30600 - Management Science
- OBHR 33000 - Introduction To Organizational Behavior
- ECON 41900 - Managerial Economics
- Required Financial Engineering Courses - Credit Hours: 3.00

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- Required Financial Engineering Courses - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management (Formerly OBHR 42800)
- MGMT 45100 - Strategic Management
- Required Financial Engineering Courses - Credit Hours: 3.00
- Required Financial Engineering Courses - Credit Hours: 3.00
- General Elective (if necessary) - Credit Hours: 1.00

13 Credits

Total Credits 120

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

myPurduePlan is knowledge source for specific requirements and completion

Foreign Language Courses

Foreign Language proficiency requirements vary by program. For acceptable languages and proficiency levels, see your advisor:

American Sign Language, Arabic, Chinese, French, German, (ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Spanish

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Expired Course

Any course without a link to its description is one that has been expired. However, this course could fulfill the degree requirement historically.

Industrial Management/Management Information Systems, BSIM

About the Program

Industrial Management students are multi-talented. With a specialized business focus, students can forecast company growth and talk numbers in the board room as well as solve logistical problems in business operations. This flexibility has shown greater opportunity and faster upward mobility within organizations than most other business majors.

Industrial Management students combine rigorous courses in math, science, and business to sharpen strong analytic, business and technical skills. A dedication to continually learning - new processes, technology and skills - is a hallmark of an Industrial Management student. Specialties range from technical management areas to science and engineering.

Many Industrial Management graduates begin their careers in corporate leadership development rotational programs, where they gain additional business and technical knowledge. Others start their careers as production supervisors, operations analysts, strategic sourcing analysts or software business analysts.

Students may choose from the following concentrations: Analytical Consulting, Computer Science, Economics, Engineering, Financial Engineering, Management Information Systems, Manufacturing and Service Operations Management, Operations & Supply Chain Management, Quantitative Methods, Statistics and Science (Biology, Chemistry, Math, Physics, and Earth, Atmospheric and Planetary Sciences).

Industrial Management Website

Summary of Program Requirements

The Summary of Program Requirements for Industrial Management - Management Information Systems is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Bachelor of Science in Industrial Management
Major: Management Information Systems
Minimum credit hours: 120

Management Admissions Index Core (MAI)

- To be automatically admitted into upper division, students who have completed all courses in the MAI must have at least a 2.65 MAI GPA and a 2.40 cumulative GPA, have a C- or higher in all MAI and School of Management courses, and may not be on academic probation.
- Requirements for upper division can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>
- MAI courses, or their equivalents, may only be enrolled in two times for a grade.
- A maximum of three MAI courses may be retaken.
- School of Management, MAI, and concentration courses with grades of "F" can only be retaken at Purdue University.
- Both science electives must be completed prior to admission to upper division of Industrial Management

MAI Core

Requirements for upper division can be found online:

<http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>

- ENGL 10600 - First-Year Composition *UC* satisfies Written Communication for core or
- ENGL 10800 - Accelerated First-Year Composition *UC* satisfies Written Communication for core
- MA 16100 - Plane Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core or
- MA 16500 - Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core
- MA 16200 - Plane Analytic Geometry And Calculus II
- ECON 25100 - Microeconomics *UC* satisfies Behavioral/Social Science for core
- MGMT 20000 - Introductory Accounting

School of Management Foundations

- COM 11400 - Fundamentals Of Speech Communication *UC* satisfies Oral Communication for core ◇
- CS 23500 - Introduction To Organizational Computing ◇
- ECON 25200 - Macroeconomics *UC* satisfies Behavioral/Social Science for core
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 30100 - Professional Career Management
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

International Electives

Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.

Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

- AGEC 25000 - Economic Geography Of World Food And Resources
- AGEC 34000 - International Economic Development
- AGEC 45000 - International Agricultural Trade
- ANTH 34100 - Culture And Personality
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 33300
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 38100 - Julius Caesar: Statesman, Soldier, Citizen
- CLCS 38300 - The Roman Empire
- CLCS 48300 - Republican Rome
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- HIST 34000 - Modern China
- HIST 34100 - History Of Africa South Of The Sahara
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 40800 - Dictatorship And Democracy: Europe 1919-1945
- PHIL 33000
- PHIL 33100
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations
- POL 34500 - West European Democracies In The Post-Industrial Era
- POL 34700 - Introduction To Latin American Politics
- POL 34800 - East Asian Politics
- POL 43000 - Selected Problems In International Relations
- POL 43200 - Selected Problems In World Order
- POL 43300 - International Organization
- POL 43500 - International Law
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- * You must be in Upper Division to take these classes.
- ECON 36800 - Economics And Values
- ECON 37000 - International Trade
- ECON 46600 - International Economics
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management
- MGMT 50900 - International Accounting

Chemistry or Physics (8 Hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: CHM 11500 & 12300; CHM 11600 & 12400; PHYS 17200, 21800 & 22000; PHYS 21900, 22100, 24100, 25100 & 26100.

- CHM 11500 - General Chemistry
- CHM 11600 - General Chemistry
- CHM 12300 - General Chemistry For Engineers I
- CHM 12400 - General Chemistry For Engineers II
- PHYS 17200 - Modern Mechanics
- PHYS 21800 - General Physics
- PHYS 21900 - General Physics II
- PHYS 22000 - General Physics
- PHYS 22100 - General Physics
- PHYS 24100 - Electricity And Optics
- PHYS 25100
- PHYS 26100 - Electricity And Optics

University Core/Program Course Requirements

- UC Human Cultures Humanities *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
- UC Science, Technology & Society *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

(Additional requirements fulfilled through MAI Core and/or School of Management Foundations courses)

Upper Division Required Courses

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- MGMT 45100 - Strategic Management
- ECON 41900 - Managerial Economics

Required Upper Division Management Information Systems Courses

- MGMT 29000 - Problems In Management
- MGMT 54400 - Database Management Systems
- MGMT 54500 - Systems Development
- MGMT 54700 - Computer Communications Systems
- MGMT 48800 - Electronic Commerce And Information Strategies

Electives (Complete Enough Electives to Equal at Least 120 Credits)

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher, except for MGMT 30100, can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtxcrd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Krannert study abroad programs may be used to satisfy degree requirements. Students participating in a Purdue approved study abroad program are registered as full-time Purdue students during their semester abroad. Schedule an appointment with your advisor to discuss study abroad opportunities. Minors outside of the School of Management are also available.
- Refer to the most updated list of pre- and co-requisites and Course Grade Requirements at <http://krannert.purdue.edu/undergraduate/current-students/home.php>

Note

UC Satisfies a University Core Requirement

◇ Completion prior to admittance to upper division strongly encouraged

GRADUATION INDEX REQUIREMENTS
Graduation Index: 2.0 minimum
Major (MGMT, OBHR, ECON) Index: 2.0 minimum

Program Requirements

Fall 1st Year

- MA 16100 - Plane Analytic Geometry And Calculus I or
- MA 16500 - Analytic Geometry And Calculus I

- ENGL 10600 - First-Year Composition or
- ENGL 10800 - Accelerated First-Year Composition

- CHM or PHYS - Credit Hours: 4.00

- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

15-16 Credits

Spring 1st Year

- MA 16200 - Plane Analytic Geometry And Calculus II or
- MA 16600 - Analytic Geometry And Calculus II

- COM 11400 - Fundamentals Of Speech Communication
- CHM or PHYS - Credit Hours: 4.00
- UC Humanities - Credit Hours: 3.00
- MGMT 30100 - Professional Career Management

15-16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting
- ECON 25100 - Microeconomics
- MA 26100 - Multivariate Calculus
- CS 23500 - Introduction To Organizational Computing
- UC Science Tech & Society - Credit Hours: 3.00

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- International Elective - Credit Hours: 3.00
- Free Elective - Credit Hours: 3.00

15 Credits

Fall 3rd Year

- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- Required Management Information Systems Courses - Credit Hours: 3.00
- ENGL 42000 - Business Writing

16 Credits

Spring 3rd Year

- International Elective - Credit Hours: 3.00
- MGMT 30600 - Management Science
- OBHR 33000 - Introduction To Organizational Behavior
- ECON 41900 - Managerial Economics
- Required Management Information Systems Courses - Credit Hours: 3.00

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- Required Management Information Systems Courses - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management (Formerly OBHR 42800)
- MGMT 45100 - Strategic Management
- Required Management Information Systems Courses - Credit Hours: 3.00
- Required Management Information Systems Courses - Credit Hours: 3.00
- General Elective (if necessary) - Credit Hours: 1.00

12-13 Credits

120 Total Credits

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

myPurduePlan is knowledge source for specific requirements and completion

Foreign Language Courses

Foreign Language proficiency requirements vary by program. For acceptable languages and proficiency levels, see your advisor:

American Sign Language, Arabic, Chinese, French, German, (ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Spanish

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Expired Course

Any course without a link to its description is one that has been expired. However, this course could fulfill the degree requirement historically.

Industrial Management/Manufacturing and Service Operations, BSIM

About the Program

Industrial Management students are multi-talented. With a specialized business focus, students can forecast company growth and talk numbers in the board room as well as solve logistical problems in business operations. This flexibility has shown greater opportunity and faster upward mobility within organizations than most other business majors.

Industrial Management students combine rigorous courses in math, science, and business to sharpen strong analytic, business and technical skills. A dedication to continually learning - new processes, technology and skills - is a hallmark of an Industrial Management student. Specialties range from technical management areas to science and engineering.

Many Industrial Management graduates begin their careers in corporate leadership development rotational programs, where they gain additional business and technical knowledge. Others start their careers as production supervisors, operations analysts, strategic sourcing analysts or software business analysts.

Students may choose from the following concentrations: Analytical Consulting, Computer Science, Economics, Engineering, Financial Engineering, Management Information Systems, Manufacturing and Service Operations Management, Operations & Supply Chain Management, Quantitative Methods, Statistics and Science (Biology, Chemistry, Math, Physics, and Earth, Atmospheric and Planetary Sciences).

Industrial Management Website

Summary of Program Requirements

The Summary of Program Requirements for Industrial Management - Manufacturing and Service Operations is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Bachelor of Science in Industrial Management
Major: Manufacturing and Service Operations Management
Minimum credit hours: 120

Management Admissions Index Core (MAI)

- To be automatically admitted into upper division, students who have completed all courses in the MAI must have at least a 2.65 MAI GPA and a 2.40 cumulative GPA, have a C- or higher in all MAI and School of Management courses, and may not be on academic probation.
- Requirements for upper division can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>
- MAI courses, or their equivalents, may only be enrolled in two times for a grade.
- A maximum of three MAI courses may be retaken.
- School of Management, MAI, and concentration courses with grades of "F" can only be retaken at Purdue University.

- Both science electives must be completed prior to admission to upper division of Industrial Management

MAI Core

Requirements for upper division can be found online:

<http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>

- ENGL 10600 - First-Year Composition *UC* satisfies Written Communication for core or
- ENGL 10800 - Accelerated First-Year Composition *UC* satisfies Written Communication for core
- MA 16100 - Plane Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core or
- MA 16500 - Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core
- MA 16200 - Plane Analytic Geometry And Calculus II
- ECON 25100 - Microeconomics *UC* satisfies Behavioral/Social Science for core
- MGMT 20000 - Introductory Accounting

School of Management Foundations

- COM 11400 - Fundamentals Of Speech Communication *UC* satisfies Oral Communication for core ◊
- CS 23500 - Introduction To Organizational Computing ◊
- ECON 25200 - Macroeconomics *UC* satisfies Behavioral/Social Science for core
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 30100 - Professional Career Management
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

International Electives

Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.

Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

- AGECE 25000 - Economic Geography Of World Food And Resources
- AGECE 34000 - International Economic Development
- AGECE 45000 - International Agricultural Trade

- ANTH 34100 - Culture And Personality
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 33300
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 38100 - Julius Caesar: Statesman, Soldier, Citizen
- CLCS 38300 - The Roman Empire
- CLCS 48300 - Republican Rome
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- HIST 34000 - Modern China
- HIST 34100 - History Of Africa South Of The Sahara
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 40800 - Dictatorship And Democracy: Europe 1919-1945
- PHIL 33000
- PHIL 33100
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations
- POL 34500 - West European Democracies In The Post-Industrial Era
- POL 34700 - Introduction To Latin American Politics
- POL 34800 - East Asian Politics
- POL 43000 - Selected Problems In International Relations
- POL 43200 - Selected Problems In World Order
- POL 43300 - International Organization
- POL 43500 - International Law
- SOC 33900 - Introduction To The Sociology Of Developing Nations
* You must be in Upper Division to take these classes.
- ECON 36800 - Economics And Values
- ECON 37000 - International Trade
- ECON 46600 - International Economics
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management
- MGMT 50900 - International Accounting

Chemistry or Physics (8 Hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: CHM 11500 & 12300; CHM 11600 & 12400; PHYS 17200, 21800 & 22000; PHYS 21900, 22100, 24100, 25100 & 26100.

- CHM 11500 - General Chemistry
- CHM 11600 - General Chemistry
- CHM 12300 - General Chemistry For Engineers I

- CHM 12400 - General Chemistry For Engineers II
- PHYS 17200 - Modern Mechanics
- PHYS 21800 - General Physics
- PHYS 21900 - General Physics II
- PHYS 22000 - General Physics
- PHYS 22100 - General Physics
- PHYS 24100 - Electricity And Optics
- PHYS 25100
- PHYS 26100 - Electricity And Optics

University Core/Program Course Requirements

- UC Human Cultures Humanities *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
- UC Science, Technology & Society *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

(Additional requirements fulfilled through MAI Core and/or School of Management Foundations courses)

Upper Division Required Courses

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- MGMT 45100 - Strategic Management
- ECON 41900 - Managerial Economics

Required Manufacturing and Service Operations Management Upper Division Courses

Complete the Following courses

- MGMT 45200 - Manufacturing Strategy And Process Innovation
- MGMT 46200 - Advanced Manufacturing Planning And Control Systems
- MGMT 40500 - Six Sigma And Quality Management

Choose two of the following courses for 6 credits

- MFET 40000 - Computer Integrated Manufacturing
- MA 26500 - Linear Algebra
- MGMT 54400 - Database Management Systems
- MGMT 54500 - Systems Development

- MGMT 44429 - Employee Relations And Performance Management

Electives (Complete Enough Electives to Equal at Least 120 Credits)

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher, except for MGMT 30100, can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtxcd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Krannert study abroad programs may be used to satisfy degree requirements. Students participating in a Purdue approved study abroad program are registered as full-time Purdue students during their semester abroad. Schedule an appointment with your advisor to discuss study abroad opportunities. Minors outside of the School of Management are also available.
- Refer to the most updated list of pre- and co-requisites and Course Grade Requirements at <http://krannert.purdue.edu/undergraduate/current-students/home.php>

Note

UC Satisfies a University Core Requirement

◇ Completion prior to admittance to upper division strongly encouraged

GRADUATION INDEX REQUIREMENTS

Graduation Index: 2.0 minimum

Major (MGMT, OBHR, ECON) Index: 2.0 minimum

Program Requirements

Fall 1st Year

- MA 16100 - Plane Analytic Geometry And Calculus I or
- MA 16500 - Analytic Geometry And Calculus I
- ENGL 10600 - First-Year Composition or
- ENGL 10800 - Accelerated First-Year Composition
- CHM or PHYS - Credit Hours: 4.00
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

15-16 Credits

Spring 1st Year

- MA 16200 - Plane Analytic Geometry And Calculus II or
- MA 16600 - Analytic Geometry And Calculus II
- COM 11400 - Fundamentals Of Speech Communication
- CHM or PHYS - Credit Hours: 4.00
- UC Humanities - Credit Hours: 3.00
- MGMT 30100 - Professional Career Management

15-16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting
- ECON 25100 - Microeconomics
- MA 26100 - Multivariate Calculus
- CS 23500 - Introduction To Organizational Computing
- UC Science Tech & Society - Credit Hours: 3.00

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- International Elective - Credit Hours: 3.00
- Free Elective - Credit Hours: 3.00

15 Credits

Fall 3rd Year

- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- Manufacturing & Service Operations Management Required Courses - Credit Hours: 3.00
- ENGL 42000 - Business Writing

15 Credits

Spring 3rd Year

- International Elective - Credit Hours: 3.00
- MGMT 30600 - Management Science
- OBHR 33000 - Introduction To Organizational Behavior

- MGMT 36100 - Operations Management
- Manufacturing & Service Operations Management Required Courses - Credit Hours: 3.00

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- MGMT 35400 - Legal Foundations Of Business I
- ECON 41900 - Managerial Economics
- Manufacturing & Service Operations Management Required Courses - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management (Formerly OBHR 42800)
- MGMT 45100 - Strategic Management
- Manufacturing & Service Operations Management Required Courses - Credit Hours: 3.00
- Manufacturing & Service Operations Management Required Courses - Credit Hours: 3.00
- General Elective (if necessary) - Credit Hours: 1.00

13 Credits

120 Total Credits

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

myPurduePlan is knowledge source for specific requirements and completion

Foreign Language Courses

Foreign Language proficiency requirements vary by program. For acceptable languages and proficiency levels, see your advisor:

American Sign Language, Arabic, Chinese, French, German, (ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Spanish

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Expired Course

Any course without a link to its description is one that has been expired. However, this course could fulfill the degree requirement historically.

Industrial Management/Operations & Supply Chain Management, BSIM

About the Program

Industrial Management students are multi-talented. With a specialized business focus, students can forecast company growth and talk numbers in the board room as well as solve logistical problems in business operations. This flexibility has shown greater opportunity and faster upward mobility within organizations than most other business majors.

Industrial Management students combine rigorous courses in math, science, and business to sharpen strong analytic, business and technical skills. A dedication to continually learning - new processes, technology and skills - is a hallmark of an Industrial Management student. Specialties range from technical management areas to science and engineering.

Many Industrial Management graduates begin their careers in corporate leadership development rotational programs, where they gain additional business and technical knowledge. Others start their careers as production supervisors, operations analysts, strategic sourcing analysts or software business analysts.

Students may choose from the following concentrations: Analytical Consulting, Computer Science, Economics, Engineering, Financial Engineering, Management Information Systems, Manufacturing and Service Operations Management, Operations & Supply Chain Management, Quantitative Methods, Statistics and Science (Biology, Chemistry, Math, Physics, and Earth, Atmospheric and Planetary Sciences).

Industrial Management Website

Summary of Program Requirements

The Summary of Program Requirements for Industrial Management-Operations & Supply Chain Management is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Bachelor of Science in Industrial Management
Major: Industrial Management/Operations & Supply Chain Management
Minimum credit hours: 120

Management Admissions Index Core (MAI)

- To be automatically admitted into upper division, students who have completed all courses in the MAI must have at least a 2.65 MAI GPA and a 2.40 cumulative GPA, have a C- or higher in all MAI and School of Management courses, and may not be on academic probation.
- Requirements for upper division can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>

- MAI courses, or their equivalents, may only be enrolled in two times for a grade.
- A maximum of three MAI courses may be retaken.
- School of Management, MAI, and concentration courses with grades of "F" can only be retaken at Purdue University.
- Both science electives must be completed prior to admission to upper division of Industrial Management

MAI Core

Requirements for upper division can be found online:

<http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>

- ENGL 10600 - First-Year Composition *UC* satisfies Written Communication for core or
- ENGL 10800 - Accelerated First-Year Composition *UC* satisfies Written Communication for core
- MA 16100 - Plane Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core or
- MA 16500 - Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core
- MA 16200 - Plane Analytic Geometry And Calculus II
- ECON 25100 - Microeconomics *UC* satisfies Behavioral/Social Science for core
- MGMT 20000 - Introductory Accounting

School of Management Foundations

- COM 11400 - Fundamentals Of Speech Communication *UC* satisfies Oral Communication for core ◇
- CS 23500 - Introduction To Organizational Computing ◇
- ECON 25200 - Macroeconomics *UC* satisfies Behavioral/Social Science for core
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 30100 - Professional Career Management
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

International Electives

Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.

Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

- AGECE 25000 - Economic Geography Of World Food And Resources
- AGECE 34000 - International Economic Development
- AGECE 45000 - International Agricultural Trade
- ANTH 34100 - Culture And Personality
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 33300
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 38100 - Julius Caesar: Statesman, Soldier, Citizen
- CLCS 38300 - The Roman Empire
- CLCS 48300 - Republican Rome
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- HIST 34000 - Modern China
- HIST 34100 - History Of Africa South Of The Sahara
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 40800 - Dictatorship And Democracy: Europe 1919-1945
- PHIL 33000
- PHIL 33100
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations
- POL 34500 - West European Democracies In The Post-Industrial Era
- POL 34700 - Introduction To Latin American Politics
- POL 34800 - East Asian Politics
- POL 43000 - Selected Problems In International Relations
- POL 43200 - Selected Problems In World Order
- POL 43300 - International Organization
- POL 43500 - International Law
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- * You must be in Upper Division to take these classes.
- ECON 36800 - Economics And Values
- ECON 37000 - International Trade
- ECON 46600 - International Economics
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management
- MGMT 50900 - International Accounting

Chemistry or Physics (8 Hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: CHM 11500 & 12300; CHM 11600 & 12400; PHYS 17200, 21800 & 22000; PHYS 21900, 22100, 24100, 25100 & 26100.

- CHM 11500 - General Chemistry
- CHM 11600 - General Chemistry
- CHM 12300 - General Chemistry For Engineers I
- CHM 12400 - General Chemistry For Engineers II
- PHYS 17200 - Modern Mechanics
- PHYS 21800 - General Physics
- PHYS 21900 - General Physics II
- PHYS 22000 - General Physics
- PHYS 22100 - General Physics
- PHYS 24100 - Electricity And Optics
- PHYS 25100
- PHYS 26100 - Electricity And Optics

University Core/Program Course Requirements

- UC Human Cultures Humanities *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
- UC Science, Technology & Society *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

(Additional requirements fulfilled through MAI Core and/or School of Management Foundations courses)

Upper Division Required Courses

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- MGMT 45100 - Strategic Management
- ECON 41900 - Managerial Economics

Operations and Supply Chain Management Upper Division Required Courses

- MGMT 49000 - Problems In Industrial Management - Logistics
- MGMT 49000 - Problems In Industrial Management - Supply Chain Analytics

Complete 3 of the following courses for 9 Credits

- MGMT 40500 - Six Sigma And Quality Management
- MGMT 45200 - Manufacturing Strategy And Process Innovation
- MGMT 46200 - Advanced Manufacturing Planning And Control Systems
- MGMT 49000 - Problems In Industrial Management - Project Management
- MGMT 49000 - Problems In Industrial Management - Predictive Analytics

- MA 26500 - Linear Algebra

Electives (Complete Enough Electives to Equal at Least 120 Credits)

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher, except for MGMT 30100, can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtxcd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Krannert study abroad programs may be used to satisfy degree requirements. Students participating in a Purdue approved study abroad program are registered as full-time Purdue students during their semester abroad. Schedule an appointment with your advisor to discuss study abroad opportunities. Minors outside of the School of Management are also available.
- Refer to the most updated list of pre- and co-requisites and Course Grade Requirements at <http://krannert.purdue.edu/undergraduate/current-students/home.php>

Note

UC Satisfies a University Core Requirement

◇ Completion prior to admittance to upper division strongly encouraged

GRADUATION INDEX REQUIREMENTS

Graduation Index: 2.0 minimum

Major (MGMT, OBHR, ECON) Index: 2.0 minimum

Program Requirements

Fall 1st Year

- MA 16100 - Plane Analytic Geometry And Calculus I or
- MA 16500 - Analytic Geometry And Calculus I
- ENGL 10600 - First-Year Composition or
- ENGL 10800 - Accelerated First-Year Composition
- CHM or PHYS - Credit Hours: 4.00
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

15-16 Credits

Spring 1st Year

- MA 16200 - Plane Analytic Geometry And Calculus II or
- MA 16600 - Analytic Geometry And Calculus II
- COM 11400 - Fundamentals Of Speech Communication
- CHM or PHYS - Credit Hours: 4.00
- UC Humanities - Credit Hours: 3.00
- MGMT 30100 - Professional Career Management

15-16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting
- ECON 25100 - Microeconomics
- MA 26100 - Multivariate Calculus
- CS 23500 - Introduction To Organizational Computing
- UC Science Tech & Society - Credit Hours: 3.00

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- International Elective - Credit Hours: 3.00
- Free Elective - Credit Hours: 3.00

15 Credits

Fall 3rd Year

- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- Operations and Supply Chain Management Required Courses - Credit Hours: 3.00
- ENGL 42000 - Business Writing

15 Credits

Spring 3rd Year

- International Elective - Credit Hours: 3.00
- MGMT 30600 - Management Science
- OBHR 33000 - Introduction To Organizational Behavior

- ECON 41900 - Managerial Economics
- Operations and Supply Chain Management Required Courses - Credit Hours: 3.00

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- Operations and Supply Chain Management Required Courses - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management (Formerly OBHR 42800)
- MGMT 45100 - Strategic Management
- Operations and Supply Chain Management Required Courses - Credit Hours: 3.00
- Operations and Supply Chain Management Required Courses - Credit Hours: 3.00
- General Elective (if necessary) - Credit Hours: 1.00

13 Credits

120 Total Credits

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

myPurduePlan is knowledge source for specific requirements and completion

Foreign Language Courses

Foreign Language proficiency requirements vary by program. For acceptable languages and proficiency levels, see your advisor:

American Sign Language, Arabic, Chinese, French, German, (ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Spanish

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Expired Course

Any course without a link to its description is one that has been expired. However, this course could fulfill the degree requirement historically.

Industrial Management/Quantitative Methods, BSIM

About the Program

Industrial Management students are multi-talented. With a specialized business focus, students can forecast company growth and talk numbers in the board room as well as solve logistical problems in business operations. This flexibility has shown greater opportunity and faster upward mobility within organizations than most other business majors.

Industrial Management students combine rigorous courses in math, science, and business to sharpen strong analytic, business and technical skills. A dedication to continually learning - new processes, technology and skills - is a hallmark of an Industrial Management student. Specialties range from technical management areas to science and engineering.

Many Industrial Management graduates begin their careers in corporate leadership development rotational programs, where they gain additional business and technical knowledge. Others start their careers as production supervisors, operations analysts, strategic sourcing analysts or software business analysts.

Students may choose from the following concentrations: Analytical Consulting, Computer Science, Economics, Engineering, Financial Engineering, Management Information Systems, Manufacturing and Service Operations Management, Operations & Supply Chain Management, Quantitative Methods, Statistics and Science (Biology, Chemistry, Math, Physics, and Earth, Atmospheric and Planetary Sciences).

Industrial Management Website

Summary of Program Requirements

The Summary of Program Requirements for Industrial Management - Quantitative Methods is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Bachelor of Science in Industrial Management
Major: Quantitative Methods
Minimum credit hours: 120

Management Admissions Index Core (MAI)

- To be automatically admitted into upper division, students who have completed all courses in the MAI must have at least a 2.65 MAI GPA and a 2.40 cumulative GPA, have a C- or higher in all MAI and School of Management courses, and may not be on academic probation.
- Requirements for upper division can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>
- MAI courses, or their equivalents, may only be enrolled in two times for a grade.
- A maximum of three MAI courses may be retaken.

- School of Management, MAI, and concentration courses with grades of "F" can only be retaken at Purdue University.
- Both science electives must be completed prior to admission to upper division of Industrial Management

MAI Core

Requirements for upper division can be found online:

<http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>

- ENGL 10600 - First-Year Composition *UC* satisfies Written Communication for core or
- ENGL 10800 - Accelerated First-Year Composition *UC* satisfies Written Communication for core
- MA 16100 - Plane Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core or
- MA 16500 - Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core
- MA 16200 - Plane Analytic Geometry And Calculus II
- ECON 25100 - Microeconomics *UC* satisfies Behavioral/Social Science for core
- MGMT 20000 - Introductory Accounting

School of Management Foundations

- COM 11400 - Fundamentals Of Speech Communication *UC* satisfies Oral Communication for core ◇
- CS 23500 - Introduction To Organizational Computing ◇
- ECON 25200 - Macroeconomics *UC* satisfies Behavioral/Social Science for core
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 30100 - Professional Career Management
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

International Electives

Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.

Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

- AGECE 25000 - Economic Geography Of World Food And Resources
- AGECE 34000 - International Economic Development

- AGEC 45000 - International Agricultural Trade
- ANTH 34100 - Culture And Personality
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 33300
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 38100 - Julius Caesar: Statesman, Soldier, Citizen
- CLCS 38300 - The Roman Empire
- CLCS 48300 - Republican Rome
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- HIST 34000 - Modern China
- HIST 34100 - History Of Africa South Of The Sahara
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 40800 - Dictatorship And Democracy: Europe 1919-1945
- PHIL 33000
- PHIL 33100
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations
- POL 34500 - West European Democracies In The Post-Industrial Era
- POL 34700 - Introduction To Latin American Politics
- POL 34800 - East Asian Politics
- POL 43000 - Selected Problems In International Relations
- POL 43200 - Selected Problems In World Order
- POL 43300 - International Organization
- POL 43500 - International Law
- SOC 33900 - Introduction To The Sociology Of Developing Nations
* You must be in Upper Division to take these classes.
- ECON 36800 - Economics And Values
- ECON 37000 - International Trade
- ECON 46600 - International Economics
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management
- MGMT 50900 - International Accounting

Chemistry or Physics (8 Hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: CHM 11500 & 12300; CHM 11600 & 12400; PHYS 17200, 21800 & 22000; PHYS 21900, 22100, 24100, 25100 & 26100.

- CHM 11500 - General Chemistry
- CHM 11600 - General Chemistry

- CHM 12300 - General Chemistry For Engineers I
- CHM 12400 - General Chemistry For Engineers II
- PHYS 17200 - Modern Mechanics
- PHYS 21800 - General Physics
- PHYS 21900 - General Physics II
- PHYS 22000 - General Physics
- PHYS 22100 - General Physics
- PHYS 24100 - Electricity And Optics
- PHYS 25100
- PHYS 26100 - Electricity And Optics

University Core/Program Course Requirements

- UC Human Cultures Humanities *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
 - UC Science, Technology & Society *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
- (Additional requirements fulfilled through MAI Core and/or School of Management Foundations courses)

Upper Division Required Courses

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- MGMT 45100 - Strategic Management
- ECON 41900 - Managerial Economics

Quantitative Methods Upper Division Required Courses

Complete the following course:

- MA 26200 - Linear Algebra And Differential Equations
- IE 33600 - Operations Research - Stochastic Models
- IE 53600 - Stochastic Models In Operations Research I
- IE 53700 - Discrete Optimization Models And Algorithms
- STAT 51200 - Applied Regression Analysis

Electives (Complete Enough Electives to Equal at Least 120 Credits)

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher, except for MGMT 30100, can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtxcd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
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Note

UC Satisfies a University Core Requirement

◇ Completion prior to admittance to upper division strongly encouraged

GRADUATION INDEX REQUIREMENTS

Graduation Index: 2.0 minimum

Major (MGMT, OBHR, ECON) Index: 2.0 minimum

Program Requirements

Fall 1st Year

- MA 16100 - Plane Analytic Geometry And Calculus I or
- MA 16500 - Analytic Geometry And Calculus I
- ENGL 10600 - First-Year Composition or
- ENGL 10800 - Accelerated First-Year Composition
- CHM or PHYS - Credit Hours: 4.00
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

15-16 Credits

Spring 1st Year

- MA 16200 - Plane Analytic Geometry And Calculus II or
- MA 16600 - Analytic Geometry And Calculus II
- COM 11400 - Fundamentals Of Speech Communication
- CHM or PHYS - Credit Hours: 4.00
- UC Humanities - Credit Hours: 3.00
- MGMT 30100 - Professional Career Management

15-16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting
- ECON 25100 - Microeconomics
- MA 26100 - Multivariate Calculus
- CS 23500 - Introduction To Organizational Computing
- UC Science Tech & Society - Credit Hours: 3.00

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- International Elective - Credit Hours: 3.00
- Free Elective - Credit Hours: 3.00

15 Credits

Fall 3rd Year

- ENGL 42000 - Business Writing
- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- Required Quantitative Methods Course - Credit Hours: 3.00

15 Credits

Spring 3rd Year

- International Elective - Credit Hours: 3.00
- MGMT 30600 - Management Science
- OBHR 33000 - Introduction To Organizational Behavior
- ECON 41900 - Managerial Economics
- Required Quantitative Methods Course - Credit Hours: 3.00

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems

- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- Required Quantitative Methods Course - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management (Formerly OBHR 42800)
- MGMT 45100 - Strategic Management
- Required Quantitative Methods Course - Credit Hours: 3.00
- Required Quantitative Methods Course - Credit Hours: 3.00
- General Elective (if necessary) - Credit Hours: 1.00

13 Credits

120 Total Credits

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

myPurduePlan is knowledge source for specific requirements and completion

Foreign Language Courses

Foreign Language proficiency requirements vary by program. For acceptable languages and proficiency levels, see your advisor:

American Sign Language, Arabic, Chinese, French, German, (ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Spanish

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Expired Course

Any course without a link to its description is one that has been expired. However, this course could fulfill the degree requirement historically.

Industrial Management/Science, BSIM

About the Program

Industrial Management students are multi-talented. With a specialized business focus, students can forecast company growth and talk numbers in the board room as well as solve logistical problems in business operations. This flexibility has shown greater opportunity and faster upward mobility within organizations than most other business majors.

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Students may choose from the following concentrations: Analytical Consulting, Computer Science, Economics, Engineering, Financial Engineering, Management Information Systems, Manufacturing and Service Operations Management, Operations & Supply Chain Management, Quantitative Methods, Statistics and Science (Biology, Chemistry, Math, Physics, and Earth, Atmospheric and Planetary Sciences).

Industrial Management Website

Summary of Program Requirements

The Summary of Program Requirements for Industrial Management-Science is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Bachelor of Science in Industrial Management
Major: Science
Minimum credit hours: 120

Management Admissions Index Core (MAI)

- To be automatically admitted into upper division, students who have completed all courses in the MAI must have at least a 2.65 MAI GPA and a 2.40 cumulative GPA, have a C- or higher in all MAI and School of Management courses, and may not be on academic probation.
- Requirements for upper division can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>
- MAI courses, or their equivalents, may only be enrolled in two times for a grade.
- A maximum of three MAI courses may be retaken.
- School of Management, MAI, and concentration courses with grades of "F" can only be retaken at Purdue University.
- Both science electives must be completed prior to admission to upper division of Industrial Management

MAI Core

Requirements for upper division can be found online:

<http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>

- ENGL 10600 - First-Year Composition *UC* satisfies Written Communication for core or
- ENGL 10800 - Accelerated First-Year Composition *UC* satisfies Written Communication for core
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- MA 16500 - Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core
- MA 16200 - Plane Analytic Geometry And Calculus II
- ECON 25100 - Microeconomics *UC* satisfies Behavioral/Social Science for core
- MGMT 20000 - Introductory Accounting

School of Management Foundations

- COM 11400 - Fundamentals Of Speech Communication *UC* satisfies Oral Communication for core ◇
- CS 23500 - Introduction To Organizational Computing ◇
- ECON 25200 - Macroeconomics *UC* satisfies Behavioral/Social Science for core
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 30100 - Professional Career Management
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

International Electives

Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.

Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

- AGE 25000 - Economic Geography Of World Food And Resources
- AGE 34000 - International Economic Development
- AGE 45000 - International Agricultural Trade
- ANTH 34100 - Culture And Personality
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 33300
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 38100 - Julius Caesar: Statesman, Soldier, Citizen
- CLCS 38300 - The Roman Empire
- CLCS 48300 - Republican Rome
- COM 22400 - Communicating In The Global Workplace

- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- HIST 34000 - Modern China
- HIST 34100 - History Of Africa South Of The Sahara
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 40800 - Dictatorship And Democracy: Europe 1919-1945
- PHIL 33000
- PHIL 33100
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
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- POL 34700 - Introduction To Latin American Politics
- POL 34800 - East Asian Politics
- POL 43000 - Selected Problems In International Relations
- POL 43200 - Selected Problems In World Order
- POL 43300 - International Organization
- POL 43500 - International Law
- SOC 33900 - Introduction To The Sociology Of Developing Nations
* You must be in Upper Division to take these classes.
- ECON 36800 - Economics And Values
- ECON 37000 - International Trade
- ECON 46600 - International Economics
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management
- MGMT 50900 - International Accounting

Chemistry or Physics (8 Hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: CHM 11500 & 12300; CHM 11600 & 12400; PHYS 17200, 21800 & 22000; PHYS 21900, 22100, 24100, 25100 & 26100.

- CHM 11500 - General Chemistry
- CHM 11600 - General Chemistry
- CHM 12300 - General Chemistry For Engineers I
- CHM 12400 - General Chemistry For Engineers II
- PHYS 17200 - Modern Mechanics
- PHYS 21800 - General Physics
- PHYS 21900 - General Physics II
- PHYS 22000 - General Physics
- PHYS 22100 - General Physics
- PHYS 24100 - Electricity And Optics
- PHYS 25100

- PHYS 26100 - Electricity And Optics

University Core/Program Course Requirements

- UC Human Cultures Humanities *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
- UC Science, Technology & Society *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

(Additional requirements fulfilled through MAI Core and/or School of Management Foundations courses)

Upper Division Required Courses

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- MGMT 45100 - Strategic Management
- ECON 41900 - Managerial Economics

Industrial Management Required Science Minor

Choose from the following list of Science Minors

- Biology
- Chemistry
- Earth, Atmospheric & Planetary Sciences
- Math
- Physics
- Statistics

Electives (Complete Enough Electives to Equal at Least 120 Credits)

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher, except for MGMT 30100, can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtxcd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Krannert study abroad programs may be used to satisfy degree requirements. Students participating in a Purdue approved study abroad program are registered as full-time Purdue students during their semester abroad. Schedule an appointment with your advisor to discuss study abroad opportunities. Minors outside of the School of Management are also available.

- Refer to the most updated list of pre- and co-requisites and Course Grade Requirements at <http://krannert.purdue.edu/undergraduate/current-students/home.php>

Note

UC Satisfies a University Core Requirement

◇ Completion prior to admittance to upper division strongly encouraged

GRADUATION INDEX REQUIREMENTS

Graduation Index: 2.0 minimum

Major (MGMT, OBHR, ECON) Index: 2.0 minimum

Program Requirements

Fall 1st Year

- MA 16100 - Plane Analytic Geometry And Calculus I or
- MA 16500 - Analytic Geometry And Calculus I
- ENGL 10600 - First-Year Composition or
- ENGL 10800 - Accelerated First-Year Composition
- CHM or PHYS - Credit Hours: 4.00
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

15-16 Credits

Spring 1st Year

- MA 16200 - Plane Analytic Geometry And Calculus II or
- MA 16600 - Analytic Geometry And Calculus II
- COM 11400 - Fundamentals Of Speech Communication
- CHM or PHYS - Credit Hours: 4.00
- UC Humanities - Credit Hours: 3.00
- MGMT 30100 - Professional Career Management

15-16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting
- ECON 25100 - Microeconomics
- MA 26100 - Multivariate Calculus

- CS 23500 - Introduction To Organizational Computing
- UC Science Tech & Society - Credit Hours: 3.00

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- International Elective - Credit Hours: 3.00
- Free Elective - Credit Hours: 3.00

15 Credits

Fall 3rd Year

- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- Required Science Minor Course - Credit Hours: 3.00
- ENGL 42000 - Business Writing

15 Credits

Spring 3rd Year

- International Elective - Credit Hours: 3.00
- MGMT 30600 - Management Science
- OBHR 33000 - Introduction To Organizational Behavior
- ECON 41900 - Managerial Economics
- Required Science Minor Course - Credit Hours: 3.00

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- Required Science Minor Course - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management (Formerly OBHR 42800)
- MGMT 45100 - Strategic Management
- Required Science Minor Course - Credit Hours: 3.00
- Required Science Minor Course - Credit Hours: 3.00
- General Elective (if necessary) - Credit Hours: 1.00

13 Credits

120 Total Credits

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

myPurduePlan is knowledge source for specific requirements and completion

Foreign Language Courses

Foreign Language proficiency requirements vary by program. For acceptable languages and proficiency levels, see your advisor:

American Sign Language, Arabic, Chinese, French, German, (ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Spanish

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Expired Course

Any course without a link to its description is one that has been expired. However, this course could fulfill the degree requirement historically.

Industrial Management/Science, Technology, Engineering, and Math, BSIM

About the Program

Industrial Management students are multi-talented. With a specialized business focus, students can forecast company growth and talk numbers in the board room as well as solve logistical problems in business operations. This flexibility has shown greater opportunity and faster upward mobility within organizations than most other business majors.

Industrial Management students combine rigorous courses in math, science, and business to sharpen strong analytic, business and technical skills. A dedication to continually learning - new processes, technology and skills - is a hallmark of an Industrial Management student. Specialties range from technical management areas to science and engineering.

Many Industrial Management graduates begin their careers in corporate leadership development rotational programs, where they gain additional business and technical knowledge. Others start their careers as production supervisors, operations analysts, strategic sourcing analysts or software business analysts.

Students may choose from the following concentrations: Analytical Consulting, Computer Science, Economics, Engineering, Financial Engineering, Management Information Systems, Manufacturing and Service Operations Management, Operations & Supply Chain Management, Quantitative Methods, Statistics and Science (Biology, Chemistry, Math, Physics, and Earth, Atmospheric and Planetary Sciences).

Industrial Management Website

Summary of Program Requirements

The Summary of Program Requirements for Industrial Management/Science, Technology, Engineering and Math is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Bachelor of Science in Industrial Management
Major: Science, Technology, Engineering and Math
Minimum credit hours: 120

Management Admissions Index Core (MAI)

- To be automatically admitted into upper division, students who have completed all courses in the MAI must have at least a 2.65 MAI GPA and a 2.40 cumulative GPA, have a C- or higher in all MAI and School of Management courses, and may not be on academic probation.
- Requirements for upper division can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>
- MAI courses, or their equivalents, may only be enrolled in two times for a grade.
- A maximum of three MAI courses may be retaken.
- School of Management, MAI, and concentration courses with grades of "F" can only be retaken at Purdue University.
- Both science electives must be completed prior to admission to upper division of Industrial Management

MAI Core

- ECON 25100 - Microeconomics *UC* satisfies Behavioral/Social Science for core
- ENGL 10600 - First-Year Composition *UC* satisfies Written Communication for core or
- ENGL 10800 - Accelerated First-Year Composition *UC* satisfies Written Communication for core
- MA 16100 - Plane Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core or

- MA 16500 - Analytic Geometry And Calculus I *UC* satisfies Quantitative Reasoning for core
- MA 16200 - Plane Analytic Geometry And Calculus II or
- MA 16600 - Analytic Geometry And Calculus II
- MGMT 20000 - Introductory Accounting

School of Management Foundations

- COM 11400 - Fundamentals Of Speech Communication *UC* satisfies Oral Communication for core ◊
- CS 23500 - Introduction To Organizational Computing ◊
- ECON 25200 - Macroeconomics *UC* satisfies Behavioral/Social Science for core
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 30100 - Professional Career Management
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- Chemistry or Physics (C- or higher) *UC* satisfies Science for core - Credit Hours: 3.00 - 5.00
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

International Electives

Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.

Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

- AGE 25000 - Economic Geography Of World Food And Resources
- AGE 34000 - International Economic Development
- AGE 45000 - International Agricultural Trade
- ANTH 34100 - Culture And Personality
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 33300
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 38100 - Julius Caesar: Statesman, Soldier, Citizen
- CLCS 38300 - The Roman Empire
- CLCS 48300 - Republican Rome
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- HIST 34000 - Modern China

- HIST 34100 - History Of Africa South Of The Sahara
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 40800 - Dictatorship And Democracy: Europe 1919-1945
- PHIL 33000
- PHIL 33100
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations
- POL 34500 - West European Democracies In The Post-Industrial Era
- POL 34700 - Introduction To Latin American Politics
- POL 34800 - East Asian Politics
- POL 43000 - Selected Problems In International Relations
- POL 43200 - Selected Problems In World Order
- POL 43300 - International Organization
- POL 43500 - International Law
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- * You must be in Upper Division to take these classes.
- ECON 36800 - Economics And Values
- ECON 37000 - International Trade
- ECON 46600 - International Economics
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management
- MGMT 50900 - International Accounting

Chemistry or Physics (8 Hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: CHM 11500 & 12300; CHM 11600 & 12400; PHYS 17200, 21800 & 22000; PHYS 21900, 22100, 24100, 25100 & 26100.

- CHM 11500 - General Chemistry
- CHM 11600 - General Chemistry
- CHM 12300 - General Chemistry For Engineers I
- CHM 12400 - General Chemistry For Engineers II
- PHYS 17200 - Modern Mechanics
- PHYS 21800 - General Physics
- PHYS 21900 - General Physics II
- PHYS 22000 - General Physics
- PHYS 22100 - General Physics
- PHYS 24100 - Electricity And Optics
- PHYS 25100
- PHYS 26100 - Electricity And Optics

University Core/Program Course Requirements

- UC Human Cultures Humanities *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
- UC Science, Technology & Society *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

(Additional requirements fulfilled through MAI Core and/or School of Management Foundations courses)

Upper Division Required Courses

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- MGMT 45100 - Strategic Management
- ECON 41900 - Managerial Economics

Required Science, Technology, Engineering and Math (STEM) Courses

Complete 15 credit hours from the following courses, CODO in only

- AAE 20300 - Aeromechanics I
- AAE 25100 - Introduction To Aerospace Design
- BME 20100 - Biomolecules: Structure, Function, And Engineering Applications
- CE 20300 - Principles And Practice Of Geomatics
- CE 29700 - Basic Mechanics I (Statics)
- CEM 20100 - Life Cycle Engineering And Management Of Constructed Facilities
- CS 15900 - Programming Applications For Engineers
- ECE 20100 - Linear Circuit Analysis I
- ENGR 13100 - Transforming Ideas To Innovation I
- ENGR 13200 - Transforming Ideas To Innovation II
- IE 23000 - Probability And Statistics In Engineering I
- IE 34300 - Engineering Economics
- MA 26500 - Linear Algebra
- ME 20000 - Thermodynamics I
- ME 27000 - Basic Mechanics I
- MSE 23000 - Structure And Properties Of Materials
- MSE 23500 - Materials Properties Laboratory
- NUCL 20000 - Introduction to Nuclear Engineering
- PHYS 24100 - Electricity And Optics

Electives (Complete Enough Electives to Equal at Least 120 Credits)

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher, except for MGMT 30100, can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtxcrd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Krannert study abroad programs may be used to satisfy degree requirements. Students participating in a Purdue approved study abroad program are registered as full-time Purdue students during their semester abroad. Schedule an appointment with your advisor to discuss study abroad opportunities. Minors outside of the School of Management are also available.
- Refer to the most updated list of pre- and co-requisites and Course Grade Requirements at <http://krannert.purdue.edu/undergraduate/current-students/home.php>

Note

UC Satisfies a University Core Requirement

◇ Completion prior to admittance to upper division strongly encouraged

GRADUATION INDEX REQUIREMENTS

Graduation Index: 2.0 minimum

Major (MGMT, OBHR, ECON) Index: 2.0 minimum

Program Requirements

Fall 1st Year

- MA 16100 - Plane Analytic Geometry And Calculus I or
- MA 16500 - Analytic Geometry And Calculus I
- ENGL 10600 - First-Year Composition or
- ENGL 10800 - Accelerated First-Year Composition
- CHM or PHYS - Credit Hours: 3.00
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

15-16 Credits

Spring 1st Year

- MA 16200 - Plane Analytic Geometry And Calculus II or
- MA 16600 - Analytic Geometry And Calculus II
- COM 11400 - Fundamentals Of Speech Communication
- CHM or PHYS - Credit Hours: 4.00
- UC Humanities - Credit Hours: 3.00

- MGMT 30100 - Professional Career Management

15-16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting
- ECON 25100 - Microeconomics
- MA 26100 - Multivariate Calculus
- CS 23500 - Introduction To Organizational Computing
- UC Science Tech & Society - Credit Hours: 3.00

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- International Elective - Credit Hours: 3.00
- Free Elective - Credit Hours: 3.00

15 Credits

Fall 3rd Year

- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- Required STEM Courses - Credit Hours: 2.00 - 4.00
- ENGL 42000 - Business Writing

14-16 Credits

Spring 3rd Year

- International Elective - Credit Hours: 3.00
- MGMT 30600 - Management Science
- OBHR 33000 - Introduction To Organizational Behavior
- ECON 41900 - Managerial Economics
- Required STEM Courses - Credit Hours: 2.00 - 4.00

14-16 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- Required STEM Courses - Credit Hours: 2.00 - 4.00
- General Elective - Credit Hours: 3.00

14-16 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management (Formerly OBHR 42800)
- MGMT 45100 - Strategic Management
- Required STEM Courses - Credit Hours: 2.00 - 4.00
- Required STEM Courses - Credit Hours: 2.00 - 4.00
- General Elective (if necessary) - Credit Hours: 3.00

13-15 Credits

120 Total Credits

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

myPurduePlan is knowledge source for specific requirements and completion

Foreign Language Courses

Foreign Language proficiency requirements vary by program. For acceptable languages and proficiency levels, see your advisor:

American Sign Language, Arabic, Chinese, French, German, (ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Spanish

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Expired Course

Any course without a link to its description is one that has been expired. However, this course could fulfill the degree requirement historically.

Management, BS

About the Program

Management majors mean business. They effectively lead, coordinate and communicate innovative solutions in all aspects of an organization from operations to human resources. They are adaptable leaders with strong roots in analytics, complemented by solid communication skills that help them compete in the business world.

A multi-functional approach to coursework allows you to discover different business areas at the same time like finance, strategy, law and organizational behavior. You'll refine your critical thinking, communication and analytical skills as you explore these different aspects of business. Students can add concentration areas to focus on specific interests.

Graduate pursue many different job opportunities. Some begin in corporate management rotational programs, as account executives or as project managers. You will find Krannert management graduates in companies like Boeing, General Motors, Amazon.com, and Target Corporation.

Summary of Program Requirements

The Summary of Program Requirements for Management is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Bachelor of Science in Management
Major: Management
Minimum credit hours: 120

Management Admissions Index Core (MAI)

- To be automatically admitted into upper division, students who have completed all courses in the MAI must have at least a 3.00 MAI GPA and a 2.50 cumulative GPA, have a C- or higher in all MAI and School of Management courses, and may not be on academic probation.
- Requirements for upper division can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/mgmt/mgmt-req-upper-div.asp>
- MAI courses, or their equivalents, may only be enrolled in two times for a grade.
- A maximum of three MAI courses may be retaken.
- School of Management, MAI, and concentration courses with grades of "F" can only be retaken at Purdue University.
- Previous enrollments as a non-School of Management student in MA 16100, MA 16200, MA 16500, MA 16600 do not count against the retake policy.

MAI Core

- ECON 25100 - Microeconomics *UC* (satisfies Behavioral/Social Science for core)
- ENGL 10600 - First-Year Composition *UC* (satisfies Written Communication for core) or
- ENGL 10800 - Accelerated First-Year Composition *UC* (satisfies Written Communication for core)
- MA 16010 - Applied Calculus I *UC* (satisfies Quantitative Reasoning for core)

- MA 16020 - Applied Calculus II *UC* (satisfies Quantitative Reasoning for core)
- MGMT 20000 - Introductory Accounting

School of Management Foundations

- COM 11400 - Fundamentals Of Speech Communication *UC* satisfies Oral Communication for core ◇
- CS 23500 - Introduction To Organizational Computing (MA 16010) ◇
- ECON 25200 - Macroeconomics *UC* satisfies Behavioral/Social Science for core
- ENGL 42000 - Business Writing (ENGL 10600/ENGL 10800)
- MGMT 20100 - Management Accounting I
- MGMT 30100 - Professional Career Management
- STAT 22500 - Introduction To Probability Models

- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

International Electives

Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.

Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

- AGECE 25000 - Economic Geography Of World Food And Resources
- AGECE 34000 - International Economic Development
- AGECE 45000 - International Agricultural Trade
- ANTH 34100 - Culture And Personality
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 33300
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 38100 - Julius Caesar: Statesman, Soldier, Citizen
- CLCS 38300 - The Roman Empire
- CLCS 48300 - Republican Rome
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- HIST 34000 - Modern China
- HIST 34100 - History Of Africa South Of The Sahara
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 40800 - Dictatorship And Democracy: Europe 1919-1945
- PHIL 33000
- PHIL 33100
- POL 13000 - Introduction To International Relations

- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations
- POL 34500 - West European Democracies In The Post-Industrial Era
- POL 34700 - Introduction To Latin American Politics
- POL 34800 - East Asian Politics
- POL 43000 - Selected Problems In International Relations
- POL 43200 - Selected Problems In World Order
- POL 43300 - International Organization
- POL 43500 - International Law
- SOC 33900 - Introduction To The Sociology Of Developing Nations
* You must be in Upper Division to take these classes.
- ECON 36800 - Economics And Values
- ECON 37000 - International Trade
- ECON 46600 - International Economics
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management
- MGMT 50900 - International Accounting

University Core (*UC*)/Program Course Requirements

- UC Human Cultures (Humanities) *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00
- UC Science *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00
- UC Science *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00
- UC Science, Technology & Society *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00

(Additional requirements fulfilled through MAI Core and/or School of Management Foundations courses)

Upper Division Required Courses

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- MGMT 45100 - Strategic Management
- ECON 41900 - Managerial Economics
- Professional Elective - Credit Hours: 3.00
- Professional Elective - Credit Hours: 3.00

Note

(Professional Electives include any MGMT or ECON class at the 30000 level or higher not including MGMT 30400, MGMT 32300, MGMT 45500, and MGMT 44301; up to 3 credits of EPICS courses may be used for one professional elective; junior or senior level business courses up to 6 credits taken at an approved Krannert study abroad program may be used toward the professional electives with advisor approval.)

Electives (Complete Enough Electives to Equal at Least 120 Credits)

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher, except for MGMT 30100, can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtxcd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Krannert study abroad programs may be used to satisfy degree requirements. Students participating in a Purdue approved study abroad program are registered as full-time Purdue students during their semester abroad. Schedule an appointment with your advisor to discuss study abroad opportunities. Minors outside of the School of Management are also available.
- Refer to the most updated list of pre- and co-requisites and Course Grade Requirements at <http://krannert.purdue.edu/undergraduate/current-students/home.php>

Program Requirements

Fall 1st Year

- MA 16010 - Applied Calculus I
- ENGL 10600 - First-Year Composition or
- ENGL 10800 - Accelerated First-Year Composition
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- UC Science - Credit Hours: 3.00
- General Electives or AP/CR by Exam/TR - Credit Hours: 1.00 - 3.00

13-16 Credits

Spring 1st Year

- MA 16020 - Applied Calculus II
- COM 11400 - Fundamentals Of Speech Communication
- ECON 25100 - Microeconomics
- UC Human Cultures (Humanities) - Credit Hours: 3.00
- UC Science - Credit Hours: 3.00
- MGMT 30100 - Professional Career Management

16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting
- CS 23500 - Introduction To Organizational Computing
- STAT 22500 - Introduction To Probability Models
- General Elective - Credit Hours: 3.00
- UC Science, Tech & Society - Credit Hours: 3.00

15 Credits

Spring 2nd Year

- MGMT 20100 - Management Accounting I
- General Elective - Credit Hours: 3.00
- ECON 25200 - Macroeconomics
- MGMT 30500 - Business Statistics
- International Elective - Credit Hours: 3.00

15 Credits

Fall 3rd Year

- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 38200 - Management Information Systems
- Professional Elective - Credit Hours: 3.00

15 Credits

Spring 3rd Year

- MGMT 30600 - Management Science
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 45100 - Strategic Management
- International Elective - Credit Hours: 3.00
- ENGL 42000 - Business Writing

15 Credits

Fall 4th Year

- MGMT 36100 - Operations Management

- MGMT 44428 - Human Resources Management
- ECON 41900 - Managerial Economics
- General Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- Professional Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 2.00

14 Credits

120 Total Credits

Note

◇ Completion prior to admittance to upper division strongly encouraged

UC Fulfills University Core requirement

GRADUATION INDEX REQUIREMENTS

Graduation Index: 2.0 minimum

Major (MGMT, OBHR, ECON) Index: 2.0 minimum

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

Foreign Language Courses

Foreign Language proficiency requirements vary by program. For acceptable languages and proficiency levels, see your advisor:

American Sign Language, Arabic, Chinese, French, German, (ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Spanish

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Expired Course

Any course without a link to its description is one that has been expired. However, this course could fulfill the degree requirement historically.

Marketing, BS

About the Program

Marketing is a dynamic field which prepares students for a variety of careers ranging from brand and product management to marketing research and analytics to advertising and public relations. What makes marketing exciting is that it has both an analytical and creative aspect. A marketing career can be a good fit for students with liberal arts as well as technical backgrounds.

Marketing involves the exchange of goods or services from an organization to a customer. This process requires the organization to decide who will value what we have to offer and why targeted customers will buy from us versus our competitors. Successful product positioning requires a firm to effectively communicate its value proposition and make the product conveniently available at a competitive price. Since marketing is concerned with meeting the needs of customers at a profit, a specialization in marketing provides a good background for a variety of career paths including a start-up or a small business. Marketing also plays an important role in non-profit organizations such as museums, hospitals, and charities.

Krannert graduates in recent years have found marketing positions with firms such as Accenture, Amazon, Anheuser Busch, Beckman Coulter, Caterpillar, DISH Network, ExactTarget, Frito-Lay, IBM, Procter and Gamble, and Sears.

Summary of Program Requirements

The Summary of Program Requirements for Marketing is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Bachelor of Science in Management
Major: Marketing
Minimum credit hours: 120

Management Admissions Index Core (MAI)

- To be automatically admitted into upper division, students who have completed all courses in the MAI must have at least a 3.00 MAI GPA and a 2.50 cumulative GPA, have a C- or higher in all MAI and School of Management courses, and may not be on academic probation.
- Requirements for upper division can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/mgmt/mgmt-req-upper-div.asp>
- MAI courses, or their equivalents, may only be enrolled in two times for a grade.
- A maximum of three MAI courses may be retaken.
- School of Management, MAI, and concentration courses with grades of "F" can only be retaken at Purdue University.
- Previous enrollments as a non-School of Management student in MA 16100, MA 16200, MA 16500, MA 16600 do not count against the retake policy.

MAI Core

- ECON 25100 - Microeconomics *UC* (satisfies Behavioral/Social Science for core)
- ENGL 10600 - First-Year Composition *UC* (satisfies Written Communication for core) or
- ENGL 10800 - Accelerated First-Year Composition *UC* (satisfies Written Communication for core)

- MA 16010 - Applied Calculus I *UC* (satisfies Quantitative Reasoning for core)
- MA 16020 - Applied Calculus II *UC* (satisfies Quantitative Reasoning for core)
- MGMT 20000 - Introductory Accounting

School of Management Foundations

- COM 11400 - Fundamentals Of Speech Communication *UC* satisfies Oral Communication for core ◇
- CS 23500 - Introduction To Organizational Computing (MA 16010) ◇
- ECON 25200 - Macroeconomics *UC* satisfies Behavioral/Social Science for core
- ENGL 42000 - Business Writing (ENGL 10600/ENGL 10800)
- MGMT 20100 - Management Accounting I
- MGMT 30100 - Professional Career Management
- STAT 22500 - Introduction To Probability Models

- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

International Electives

Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.

Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

- AGECE 25000 - Economic Geography Of World Food And Resources
- AGECE 34000 - International Economic Development
- AGECE 45000 - International Agricultural Trade
- ANTH 34100 - Culture And Personality
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 33300
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 38100 - Julius Caesar: Statesman, Soldier, Citizen
- CLCS 38300 - The Roman Empire
- CLCS 48300 - Republican Rome
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing

- HIST 34000 - Modern China
- HIST 34100 - History Of Africa South Of The Sahara
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 40800 - Dictatorship And Democracy: Europe 1919-1945
- PHIL 33000
- PHIL 33100
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations
- POL 34500 - West European Democracies In The Post-Industrial Era
- POL 34700 - Introduction To Latin American Politics
- POL 34800 - East Asian Politics
- POL 43000 - Selected Problems In International Relations
- POL 43200 - Selected Problems In World Order
- POL 43300 - International Organization
- POL 43500 - International Law
- SOC 33900 - Introduction To The Sociology Of Developing Nations
* You must be in Upper Division to take these classes.
- ECON 36800 - Economics And Values
- ECON 37000 - International Trade
- ECON 46600 - International Economics
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management
- MGMT 50900 - International Accounting

University Core (*UC*)/Program Course Requirements

- UC Human Cultures (Humanities) *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00
- UC Science *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00
- UC Science *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00
- UC Science, Technology & Society *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00

(Additional requirements fulfilled through MAI Core and/or School of Management Foundations courses)

Upper Division Required Courses

- ECON 41900 - Managerial Economics
- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems

- MGMT 45100 - Strategic Management
- OBHR 33000 - Introduction To Organizational Behavior

Marketing Upper Division Required Major Courses

[must select **five** of below courses]

- MGMT 42210 - International Marketing
- MGMT 42300 - New Product Development *PU*
- MGMT 42500 - Marketing Research *PU*
- MGMT 42610 - Brand Management
- MGMT 49000 - Problems In Industrial Management Experiential Marketing (formerly Business-to-Business Marketing)
- MGMT 49000 - Problems In Industrial Management Marketing Analytics
- MGMT 49000 - Problems In Industrial Management Digital and Social Media Marketing

Electives (Complete Enough Electives to Equal at Least 120 Credits)

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher, except for MGMT 30100, can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtxcrd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Krannert study abroad programs may be used to satisfy degree requirements. Students participating in a Purdue approved study abroad program are registered as full-time Purdue students during their semester abroad. Schedule an appointment with your advisor to discuss study abroad opportunities. Minors outside of the School of Management are also available.
- Refer to the most updated list of pre- and co-requisites and Course Grade Requirements at <http://krannert.purdue.edu/undergraduate/current-students/home.php>

Program Requirements

Fall 1st Year

- MA 16010 - Applied Calculus I
- ENGL 10600 - First-Year Composition or
- ENGL 10800 - Accelerated First-Year Composition
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- UC Science - Credit Hours: 3.00
- General Electives or AP/CR by Exam/TR - Credit Hours: 1.00 - 3.00

13-16 Credits

Spring 1st Year

- MA 16020 - Applied Calculus II
- COM 11400 - Fundamentals Of Speech Communication
- ECON 25100 - Microeconomics
- UC Humanities - Credit Hours: 3.00
- UC Science Tech & Society - Credit Hours: 3.00
- MGMT 30100 - Professional Career Management

16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting
- STAT 22500 - Introduction To Probability Models
- CS 23500 - Introduction To Organizational Computing
- International Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Spring 2nd Year

- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- UC Science - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- MGMT 30500 - Business Statistics

15 Credits

Fall 3rd Year

- ENGL 42000 - Business Writing
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- OBHR 33000 - Introduction To Organizational Behavior
- General Elective - Credit Hours: 3.00

15 Credits

Spring 3rd Year

- MGMT 35400 - Legal Foundations Of Business I
- Marketing Major Course - Credit Hours: 3.00
- Marketing Major Course - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Fall 4th Year

- ECON 41900 - Managerial Economics
- MGMT 38200 - Management Information Systems
- MGMT 36100 - Operations Management
- Marketing Major Course - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- MGMT 45100 - Strategic Management
- Marketing Major Course - Credit Hours: 3.00
- Marketing Major Course - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 2.00

14 Credits

120 Total Credits

Note

◇ Completion prior to admittance to upper division strongly encouraged

UC Fulfills University Core requirement

GRADUATION INDEX REQUIREMENTS

Graduation Index: 2.0 minimum

Major (MGMT, OBHR, ECON) Index: 2.0 minimum

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

Foreign Language Courses

Foreign Language proficiency requirements vary by program. For acceptable languages and proficiency levels, see your advisor:

American Sign Language, Arabic, Chinese, French, German, (ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Spanish

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Expired Course

Any course without a link to its description is one that has been expired. However, this course could fulfill the degree requirement historically.

Strategy and Organizational Management, BS

About the Program

If managing people and leading organizations is your goal, the Strategy and Organizational Management major is your answer. Strategy and Organizational Management graduates lead change. Using strategic thinking and people skills, they manage effectively across a wide variety of organizations.

You'll study the foundations of business - accounting, economics, statistics, etc., then develop business strategy from different angles using innovative technology, organizational change and competitive strategy. You'll explore things like how to position your organization to outperform the competition, and how to recruit, develop and motivate staff to build a high performance team.

Strategy and Organizational Management graduates become business leaders. They are entrepreneurs, change leaders, internal organizational consultants, human resource managers and management consultants.

Two concentrations were specifically designed to complement the Strategy and Organizational Management major:

Global Leadership and Human Capital

Human resource management practices in organizations rely on soft skills that are critical for successful managers. Adding the Global Leadership and Human Capital concentration to your major will enhance your skills in change leadership, negotiating, and managing a global department. If you are interested in a career as a Human Resource Manager, Organizational Development/Effectiveness Director, Change Agent, or Management Consultant this concentration is a great fit.

Technology, Innovation & Entrepreneurship

A great addition if you are looking to start a new company or work on new product development and innovation teams. You'll develop a deeper knowledge of how to drive innovation in organizations, and an understanding of the relationships between strategy, technology, and innovation. Emphasis is placed on entrepreneurial activity in both new startup and established firms.

Summary of Program Requirements

The Summary of Program Requirements for Strategy and Organizational Management is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Bachelor of Science in Management

Major: Strategy & Organizational Management

Track: Global Leadership & Human Capital or

Track: Technology, Innovation, & Entrepreneurship

Minimum credit hours: 120

Management Admissions Index Core (MAI)

- To be automatically admitted into upper division, students who have completed all courses in the MAI must have at least a 3.00 MAI GPA and a 2.50 cumulative GPA, have a C- or higher in all MAI and School of Management courses, and may not be on academic probation.
- Requirements for upper division can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/mgmt/mgmt-req-upper-div.asp>
- MAI courses, or their equivalents, may only be enrolled in two times for a grade.
- A maximum of three MAI courses may be retaken.
- School of Management, MAI, and concentration courses with grades of "F" can only be retaken at Purdue University.
- Previous enrollments as a non-School of Management student in MA 16100, MA 16200, MA 16500, MA 16600 do not count against the retake policy.

MAI Core

- ECON 25100 - Microeconomics *UC* (satisfies Behavioral/Social Science for core)
- ENGL 10600 - First-Year Composition *UC* (satisfies Written Communication for core) or
- ENGL 10800 - Accelerated First-Year Composition *UC* (satisfies Written Communication for core)
- MA 16010 - Applied Calculus I *UC* (satisfies Quantitative Reasoning for core)
- MA 16020 - Applied Calculus II *UC*
- MGMT 20000 - Introductory Accounting

School of Management Foundations

- COM 11400 - Fundamentals Of Speech Communication *UC* satisfies Oral Communication for core ◇
- CS 23500 - Introduction To Organizational Computing (MA 16010) ◇
- ECON 25200 - Macroeconomics *UC* satisfies Behavioral/Social Science for core
- ENGL 42000 - Business Writing (ENGL 10600/ENGL 10800)

- MGMT 20100 - Management Accounting I
- MGMT 30100 - Professional Career Management
- STAT 22500 - Introduction To Probability Models
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

International Electives

Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.

Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

- AGECE 25000 - Economic Geography Of World Food And Resources
- AGECE 34000 - International Economic Development
- AGECE 45000 - International Agricultural Trade
- ANTH 34100 - Culture And Personality
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 33300
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 38100 - Julius Caesar: Statesman, Soldier, Citizen
- CLCS 38300 - The Roman Empire
- CLCS 48300 - Republican Rome
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- HIST 34000 - Modern China
- HIST 34100 - History Of Africa South Of The Sahara
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 40800 - Dictatorship And Democracy: Europe 1919-1945
- PHIL 33000
- PHIL 33100
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations
- POL 34500 - West European Democracies In The Post-Industrial Era
- POL 34700 - Introduction To Latin American Politics
- POL 34800 - East Asian Politics
- POL 43000 - Selected Problems In International Relations
- POL 43200 - Selected Problems In World Order
- POL 43300 - International Organization

- POL 43500 - International Law
- SOC 33900 - Introduction To The Sociology Of Developing Nations
* You must be in Upper Division to take these classes.
- ECON 36800 - Economics And Values
- ECON 37000 - International Trade
- ECON 46600 - International Economics
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management
- MGMT 50900 - International Accounting

University Core (*UC*)/Program Course Requirements

- UC Human Cultures (Humanities) *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00
- UC Science *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00
- UC Science *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00
- UC Science, Technology & Society *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00

(Additional requirements fulfilled through MAI Core and/or School of Management Foundations courses)

Upper Division Required Courses

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- MGMT 45100 - Strategic Management

Strategy & Organizational Management Upper Division Required Major Courses (17-18 credits)

Students must complete a minimum of six courses (17-18 credit hours) with at least two courses from each track

Track: TIE - Technology, Innovation, & Entrepreneurship

Students MUST choose at least two from the following

- MGMT 48400 - Management New Entrepreneurship
- MGMT 44810 - Technology Strategy
- MGMT 45200 - Manufacturing Strategy And Process Innovation
- MGMT 44710 - Competitive Strategy
- MGMT 45900 - International Management

Track: GLHCM - Global Leadership and Human Capital Management

Students MUST choose at least two from the following

- MGMT 44362 - Leadership & Organizational Change
- MGMT 44690 - Negotiation And Decision Making
- MGMT 44429 - Employee Relations And Performance Management
- MGMT 44310 - Managing Human Capital Globally
- Any OBHR 59000 courses offered by **OBHR area** (graduate level courses require minimum 3.4 GPA or instructor permission); typically 2 cr hr/8 week courses

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher, except for MGMT 30100, can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtxcrd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Krannert study abroad programs may be used to satisfy degree requirements. Students participating in a Purdue approved study abroad program are registered as full-time Purdue students during their semester abroad. Schedule an appointment with your advisor to discuss study abroad opportunities. Minors outside of the School of Management are also available.
- Refer to the most updated list of pre- and co-requisites and Course Grade Requirements at <http://krannert.purdue.edu/undergraduate/current-students/home.php>

Program Requirements

Fall 1st Year

- MA 16010 - Applied Calculus I
- ENGL 10600 - First-Year Composition or
- ENGL 10800 - Accelerated First-Year Composition
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- UC Science - Credit Hours: 3.00
- General Electives or AP/CR by Exam/TR - Credit Hours: 1.00 - 3.00

13-16 Credits

Spring 1st Year

- MA 16020 - Applied Calculus II
- COM 11400 - Fundamentals Of Speech Communication
- ECON 25100 - Microeconomics

- UC Science - Credit Hours: 3.00
- UC Human Cultures (Humanities) - Credit Hours: 3.00
- MGMT 30100 - Professional Career Management

16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting
- CS 23500 - Introduction To Organizational Computing
- STAT 22500 - Introduction To Probability Models
- General Elective - Credit Hours: 3.00
- UC Science, Tech & Society - Credit Hours: 3.00

15 Credits

Spring 2nd Year

- MGMT 20100 - Management Accounting I
- General Elective - Credit Hours: 3.00
- ECON 25200 - Macroeconomics
- MGMT 30500 - Business Statistics
- International Elective - Credit Hours: 3.00

15 Credits

Fall 3rd Year

- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- OBHR 33000 - Introduction To Organizational Behavior or
- MGMT 44428 - Human Resources Management
- MGMT 38200 - Management Information Systems
- General Elective or SOM - TIE Track or SOM - GLHCM track - Credit Hours: 3.00

15 Credits

Spring 3rd Year

- General Elective or SOM - TIE Track or SOM - GLHCM track - Credit Hours: 3.00
- OBHR 33000 - Introduction To Organizational Behavior or
- MGMT 44428 - Human Resources Management

- MGMT 45100 - Strategic Management
- International Elective - Credit Hours: 3.00
- ENGL 42000 - Business Writing

15 Credits

Fall 4th Year

- MGMT 36100 - Operations Management
- General Elective - Credit Hours: 3.00
- General Elective or SOM - TIE Track or SOM - GLHCM track - Credit Hours: 3.00
- General Elective or SOM - TIE Track or SOM - GLHCM track - Credit Hours: 3.00
- General Elective or SOM - TIE Track or SOM - GLHCM track - Credit Hours: 3.00

15 Credits

Spring 4th Year

- General Elective - Credit Hours: 3.00
- General Elective or SOM - TIE Track or SOM - GLHCM track - Credit Hours: 3.00
- General Elective or SOM - TIE Track or SOM - GLHCM track - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 2.00

14 Credits

120 Total Credits

Note

◇ Completion prior to admittance to upper division strongly encouraged

UC Fulfills University Core requirement

GRADUATION INDEX REQUIREMENTS

Graduation Index: 2.0 minimum

Major (MGMT, OBHR, ECON) Index: 2.0 minimum

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

Foreign Language Courses

Foreign Language proficiency requirements vary by program. For acceptable languages and proficiency levels, see your advisor:

American Sign Language, Arabic, Chinese, French, German, (ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Spanish

Critical Course

The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Expired Course

Any course without a link to its description is one that has been expired. However, this course could fulfill the degree requirement historically.

Supply Chain, Information and Analytics, BS

About the Program

Supply Chain, Information and Analytics is for problem solvers. Agile businesses rely on statistics and data analysis to make informed decisions on everything from client services to vendor management. Data is collected, stored in databases, analyzed and used to create efficiency in operations. Technical knowledge in management information systems, business analytics, supply chain and operations provides support to the business of doing business.

You've probably heard terms like supply chain, operations efficiency, big data, cloud computing, data mining and digital economy. Learn what they mean, how they work and how they affect businesses. You'll study a foundation of management courses to understand the different parts of a business. Data analytics -- including statistical analysis, data modeling and database management -- is stressed in this program. You may choose to dive deeper into one or more of these three areas: Supply Chain and Operations, Management Information Systems or Business Analytics.

Through a data-driven approach graduates are optimizing business performance as Data Analytics Managers, IT consultants, and Logistics Analysts for Accenture, IBM, Deloitte, Microsoft, General Motors and other companies.

Summary of Program Requirements

The Summary of Program Requirements for Supply Chain, Information and Analytics is a comprehensive list of those categories which a student must fulfill in order to earn their degree. Unlike the full Detailed Program Requirements listed below, complete lists of selectives for any given category are not shown. These summaries are intended to be printer-friendly and less expansive in detail.

Detailed Program Requirements

Please see below for detailed program requirements and possible selective fulfillments.

Bachelor of Science in Management
Major: Supply Chain Information & Analytics
Minimum credit hours: 120

Management Admissions Index Core (MAI)

- To be automatically admitted into upper division, students who have completed all courses in the MAI must have at least a 3.00 MAI GPA and a 2.50 cumulative GPA, have a C- or higher in all MAI and School of Management courses, and may not be on academic probation.
- Requirements for upper division can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/mgmt/mgmt-req-upper-div.asp>
- MAI courses, or their equivalents, may only be enrolled in two times for a grade.
- A maximum of three MAI courses may be retaken.
- School of Management, MAI, and concentration courses with grades of "F" can only be retaken at Purdue University.
- Previous enrollments as a non-School of Management student in MA 16100, MA 16200, MA 16500, MA 16600 do not count against the retake policy.

MAI Core

- ECON 25100 - Microeconomics *UC* (satisfies Behavioral/Social Science for core)
- ENGL 10600 - First-Year Composition *UC* (satisfies Written Communication for core) or
- ENGL 10800 - Accelerated First-Year Composition *UC* (satisfies Written Communication for core)
- MA 16010 - Applied Calculus I *UC* (satisfies Quantitative Reasoning for core)
- MA 16020 - Applied Calculus II *UC*
- MGMT 20000 - Introductory Accounting

School of Management Foundations

- COM 11400 - Fundamentals Of Speech Communication *UC* satisfies Oral Communication for core ◇
- CS 23500 - Introduction To Organizational Computing (MA 16010) ◇
- ECON 25200 - Macroeconomics *UC* satisfies Behavioral/Social Science for core
- ENGL 42000 - Business Writing (ENGL 10600/ENGL 10800)
- MGMT 20100 - Management Accounting I
- MGMT 30100 - Professional Career Management
- STAT 22500 - Introduction To Probability Models
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

International Electives

Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.

Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

- AGECE 25000 - Economic Geography Of World Food And Resources
- AGECE 34000 - International Economic Development

- AGEC 45000 - International Agricultural Trade
- ANTH 34100 - Culture And Personality
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 33300
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 38100 - Julius Caesar: Statesman, Soldier, Citizen
- CLCS 38300 - The Roman Empire
- CLCS 48300 - Republican Rome
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- HIST 34000 - Modern China
- HIST 34100 - History Of Africa South Of The Sahara
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 40800 - Dictatorship And Democracy: Europe 1919-1945
- PHIL 33000
- PHIL 33100
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations
- POL 34500 - West European Democracies In The Post-Industrial Era
- POL 34700 - Introduction To Latin American Politics
- POL 34800 - East Asian Politics
- POL 43000 - Selected Problems In International Relations
- POL 43200 - Selected Problems In World Order
- POL 43300 - International Organization
- POL 43500 - International Law
- SOC 33900 - Introduction To The Sociology Of Developing Nations
* You must be in Upper Division to take these classes.
- ECON 36800 - Economics And Values
- ECON 37000 - International Trade
- ECON 46600 - International Economics
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management
- MGMT 50900 - International Accounting

University Core (*UC*)/Program Course Requirements

- UC Human Cultures (Humanities) *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00
- UC Science *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00
- UC Science *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00
- UC Science, Technology & Society *UC* <http://www.purdue.edu/provost/initiatives/curriculum/course.html> - Credit Hours: 3.00

(Additional requirements fulfilled through MAI Core and/or School of Management Foundations courses)

Upper Division Required Courses

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- MGMT 45100 - Strategic Management
- MGMT 47200 - Advanced Spreadsheet Modeling And Simulation
- MGMT 49000 - Problems In Industrial Management
- MGMT 54400 - Database Management Systems
- ECON 41900 - Managerial Economics

Supply Chain Information and Analytics Upper Division Required Major Courses

[choose one or more career tracks]

1. Business Analytics

- MGMT 49000 - Problems In Industrial Management
- MGMT 40500 - Six Sigma And Quality Management

Successfully complete at least one of the following three courses

- MGMT 49000 - Problems In Industrial Management - Predictive Analytics
- MGMT 49000 - Problems In Industrial Management - Logistics
- ECON 36000 - Econometrics

2. Supply Chain and Operations Management

- MGMT 49000 - Problems In Industrial Management - Logistics
- MGMT 46200 - Advanced Manufacturing Planning And Control Systems

Successfully complete at least one of the following two courses

- MGMT 49000 - Problems In Industrial Management - Predictive Analytics
- MGMT 40500 - Six Sigma And Quality Management

3. Management Information Systems

- MGMT 29000 - Problems In Management - Programming for Business Applications
- MGMT 54500 - Systems Development

Successfully complete at least one of the following two courses

- MGMT 54700 - Computer Communications Systems
- MGMT 48800 - Electronic Commerce And Information Strategies

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher, except for MGMT 30100, can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtocrd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Krannert study abroad programs may be used to satisfy degree requirements. Students participating in a Purdue approved study abroad program are registered as full-time Purdue students during their semester abroad. Schedule an appointment with your advisor to discuss study abroad opportunities. Minors outside of the School of Management are also available.
- Refer to the most updated list of pre- and co-requisites and Course Grade Requirements at <http://krannert.purdue.edu/undergraduate/current-students/home.php>

Program Requirements

Fall 1st Year

- MA 16010 - Applied Calculus I
- ENGL 10600 - First-Year Composition or
- ENGL 10800 - Accelerated First-Year Composition
- UC Science - Credit Hours: 3.00
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- General Electives or AP/CR by Exam/TR - Credit Hours: 1.00 - 3.00

13-16 Credits

Spring 1st Year

- MA 16020 - Applied Calculus II
- COM 11400 - Fundamentals Of Speech Communication
- ECON 25100 - Microeconomics
- UC Science - Credit Hours: 3.00
- UC Human Cultures (Humanities) - Credit Hours: 3.00

- MGMT 30100 - Professional Career Management

16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting
- CS 23500 - Introduction To Organizational Computing
- STAT 22500 - Introduction To Probability Models
- General Elective - Credit Hours: 3.00
- UC Science, Tech & Society - Credit Hours: 3.00

15 Credits

Spring 2nd Year

- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- MGMT 30500 - Business Statistics
- General Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

15 Credits

Fall 3rd Year

- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 38200 - Management Information Systems
- MGMT 30600 - Management Science

15 Credits

Spring 3rd Year

- MGMT 47200 - Advanced Spreadsheet Modeling And Simulation
- MGMT 35400 - Legal Foundations Of Business I
- MGMT 45100 - Strategic Management
- International Elective - Credit Hours: 3.00
- ENGL 42000 - Business Writing

15 Credits

Fall 4th Year

- MGMT 36100 - Operations Management
- MGMT 44428 - Human Resources Management
- ECON 41900 - Managerial Economics
- MGMT 49000 - Problems In Industrial Management
- MGMT 54400 - Database Management Systems

15 Credits

Spring 4th Year

- Required SCIA course - Credit Hours: 3.00
- Required SCIA course - Credit Hours: 3.00
- Required SCIA course - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 2.00

14 Credits

120 Total Credits

Note

◇ Completion prior to admittance to upper division strongly encouraged

UC Fulfills University Core requirement

GRADUATION INDEX REQUIREMENTS

Graduation Index: 2.0 minimum

Major (MGMT, OBHR, ECON) Index: 2.0 minimum

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

Foreign Language Courses

Foreign Language proficiency requirements vary by program. For acceptable languages and proficiency levels, see your advisor:

American Sign Language, Arabic, Chinese, French, German, (ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Spanish

Critical Course

The ◇ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.

Expired Course

Any course without a link to its description is one that has been expired. However, this course could fulfill the degree requirement historically.

Certificate

Advanced Accountancy Certificate

Effective Fall 2014

The Krannert Graduate School of Management is pleased to offer this description of our Certificate of Advanced Accountancy Program. This program enhances our accounting undergraduate curriculum by

- Offering a directed plan of study to meet the 150 hour requirement for taking the CPA Exam.
- Opportunities for enhanced training for those interested in corporate accounting positions.
- Offering students an opportunity to earn advanced recognition by obtaining a Certificate of Advanced Accountancy in addition to their undergraduate degree.
- Offering 5 specialized, upper-division accounting courses.
- Increasing the number of communication, ethics, leadership and other courses taken outside the School of Management.

To complete the requirements for the Certificate a student must

Complete 150 credit hours

Take four of the six additional courses offered in accounting

- MGMT 50700 - Advanced Federal Income Taxes
- MGMT 50900 - International Accounting
- MGMT 53000 - Financial Statement Analysis
- MGMT 53100 - Government/Not-For-Profit Accounting
- MGMT 53200 - Forensic Accounting And Fraud Examination
- MGMT 59000 - Directed Readings In Management

Take 5 classes from selected lists of Management courses and courses in communication, ethics, leadership and general education

Note

Students are encouraged to take multiple internships (particularly one in spring semester of their fourth year) and study abroad. For those students seeking a position in public accounting, you are encouraged begin taking a CPA exam review course in their last semester before graduation (or in the summer following graduation).

Program Requirements

1. Candidates for the Certificate will be undergraduate accounting majors and will complete at least 150 credit hours, consisting of the coursework that makes up the undergraduate accounting major and the additional 27 credit hours of coursework for the Certificate as detailed below.
2. Candidates for the Certificate will take four 3-credit accounting electives from the following list: MGMT 50700 - Advanced Federal Income Taxes, MGMT 50900 - International Accounting, MGMT 53000 - Financial Statement Analysis, MGMT 53100 - Government/Not-For-Profit Accounting, MGMT 53200 - Forensic Accounting And Fraud Examination, MGMT 59000 - Directed Readings In Management and other advanced accounting electives as offered. Candidates must earn a grade of C or better in each accounting course that they wish to count towards the Certificate.
3. Candidates for the Certificate will take 5 classes from the following two lists, with a minimum of 2 classes from each list. Pre-requisites are in parentheses; a course number that is followed by a c is a co-requisite. A course number that is followed by a * is one for which a grade of C or better is required to satisfy the pre-requisite.

List A

- MGMT 41100 - Investment Management
- MGMT 41300 - Advanced Corporate Financial Management
- MGMT 41500 - International Financial Management
- MGMT 45800 - The Regulatory Process, Consumerism, And Public Policy
- MGMT 45900 - International Management
- MGMT 49000 - Problems In Industrial Management
- ECON 36100 - Antitrust And Regulation
- ECON 37000 - International Trade
- ECON 37100 - International Monetary Problems
- ECON 38000 - Money And Banking
- ECON 38500 - Labor Economics
- ECON 45100 - Game Theory
- ECON 46100 - Industrial Organization
- ECON 47100 - Behavioral Economics

List B

- COM 31400 - Advanced Presentational Speaking
- COM 31800 - Principles Of Persuasion
- COM 32500 - Interviewing: Principles And Practice
- OLS 27400 - Applied Leadership
- PHIL 11100 - Ethics
- PHIL 12000 - Critical Thinking
- PHIL 15000 - Principles Of Logic
- POL 10100 - American Government And Politics
- SOC 31200 - American Society

Summary of Accounting Electives Available to Certificate Students as of the 2014-2015 Academic Year

For more information, please contact the course instructor or visit the Accounting Academic Group web site.

Entrepreneurship and Innovation Certificate

Requirements

Purdue's Certificate in Entrepreneurship and Innovation Program is designed with flexibility in mind. Participating students must take the equivalent of five, 3-credit courses in the following categories:

- Two required "core" courses (6 credits)
- Two "option" courses (typically 6 credits)
- One "capstone" course or experience (typically 3 credits)

In some cases, students will be permitted to substitute an additional capstone for one of the required option courses. A grade of C- or higher is required for certificate-related courses.

Two Required Courses

The intent of required core courses is to provide students with fundamental language, knowledge, leadership and communication skills related to entrepreneurship and innovation. The content in these courses answer the questions "what is entrepreneurship" and "how do you do entrepreneurship". Required core courses are offered solely by the Certificate in Entrepreneurship and Innovation.

[Click here](#) to learn more about ENTR 20000 - Introduction To Entrepreneurship And Innovation and ENTR 31000 - Marketing And Management For New Ventures.

Option Courses

The intent of option courses is to provide students with discipline or industry/market-specific depth in areas which are relevant to entrepreneurship and/or innovation. The content of ENTR 20000 and ENTR 31000 should be relevant to these courses, and complement or enhance the learning. Option courses are offered by departments across the university as well as the Certificate in Entrepreneurship and Innovation.

Options courses should deliver knowledge and skills that accomplish one or more of the following:

- Deepen students' understanding of areas pertinent to entrepreneurship that will improve their chances of success in creating new business ventures (e.g. leadership, professional selling, new product development, technology strategy).
- Build awareness of opportunities for venture development in specific industries or markets.
- Increase students' ability to create economic or social value in an entrepreneurial way.
- Allow students to expand the markets in which they will operate (e.g. business language courses, global entrepreneurship programs).

Students can choose option courses from the approved course list found below. [Click here](#) to learn more about an option course developed by the Certificate in Entrepreneurship and Innovation.

Capstone Course or Experience

The intent of capstone courses or experiences is to provide students with hands-on, real-world entrepreneurial or innovation related experiences, which can include developing business plans for new business ventures, involvement in the product innovation and technology commercialization process, or an approved internship in an early-stage company. Capstone courses and experiential programs are offered by departments across the university as the Certificate in Entrepreneurship and Innovation.

Capstone courses or experiences should provide closure and coherence to the Certificate in Entrepreneurship and Innovation Program and include one or more of the following:

- Culminating experiences in which students are expected integrate and apply knowledge from previous ENTR and option courses.
- Launching pads for new products or new business ventures.
- Marketable experiences to prospective employers.

Skills utilized and assessed should include the ability to:

- Work constructively in groups and on teams.
- Understand theories and perspectives of the discipline.
- Identify and assess opportunities.
- Use library and other resources to perform research.
- Evaluate critically what is read and heard.
- Demonstrate high order thinking.
- Make reasoned decisions.
- Communicate persuasively.

Possible capstones include:

- Involvement in launching your own venture through the Entrepreneurship Capstone course (ENTR 48000). [Prerequisites: ENTR 20000 and ENTR 31000]
- Consulting for Emerging Enterprises through the Entrepreneurship Capstone course. (ENTR 48000 *special section/instructor approval required). [Prerequisites: ENTR 20000 and ENTR 31000]
- Internships through the Interns for Indiana Program.
- Global Entrepreneurship study-abroad program organized and led by Certificate Program faculty and staff (SA 10705).

Students can choose capstone courses from the approved course list found below. [Click here to learn more about capstone courses offered by the Certificate in Entrepreneurship and Innovation.](#)

Program Requirements

Students must take the equivalent of five courses in the following categories:

Two Required Core Courses (6 credits)

- ENTR 20000 - Introduction To Entrepreneurship And Innovation
- ENTR 31000 - Marketing And Management For New Ventures (formerly ENTR 20100)

Two Option Courses (typically 6 credits)

Option courses provide depth in specific disciplines or industries relevant to entrepreneurship and innovation.

Courses designated "OPEN" on the approved list are available to all certificate program students, where space permits and pre-requisites have been met.

One Capstone Course or Experience (typically 3 credits)

Capstones are designed to provide hands-on, real-world experience to students. This can include courses or participation in the Interns for Indiana/ Interns for Entrepreneurship Program

Students will be permitted to substitute an additional capstone for one of the required option courses.

The Process

To enter the Program students should enroll in ENTR 20000. Those interested in receiving the Certificate will fill out a Completion Plan when enrolled in ENTR 31000.

Grade of C- or higher must be obtained in all courses used toward Certificate Completion.

Required Entrepreneurship Courses

- ENTR 20000 - Introduction To Entrepreneurship And Innovation
- ENTR 31000 - Marketing And Management For New Ventures

Other Entrepreneurship Courses

- ENTR 46000 - Interns For Indiana Seminar
- ENTR 47000 - Women And Leadership or
- COM 49100 - Special Topics In Communication or
- WGSS 28100 - Selected Topics In Women's, Gender, And Sexuality Studies
- ENTR 48000 - Entrepreneurship Capstone
- ENTR 48100 - Consulting For Emerging Enterprises
- ENTR 48200 - Venture Planning Capstone

Approved Experiential Programs

- Interns for Indiana/ Interns for Entrepreneurship Program - For more information, contact Monica Shively at shivelmm@purdue.edu
- Discovery Park Undergraduate Research Internship - For more information, contact Lisa Kirkham at lkirkham@purdue.edu
- Cancer Prevention Internship Program - For more information, contact Monica Shively at shivelmm@purdue.edu
- Global Entrepreneurship Study Abroad - For more information, contact Nathalie Duval-Couetil at natduval@purdue.edu

Approved Study Abroad Programs

- Global Entrepreneurship Study Abroad - For more information, contact Nathalie Duval-Couetil at natduval@purdue.edu
- Tec de Monterrey, Mexico - Contact Glenda at gcaudill@purdue.edu
- DIS Copenhagen, Copenhagen, Denmark - Contact Glenda at gcaudill@purdue.edu
- Universita Bocconi, Milan, Italy, Purdue Exchange - Contact Glenda at gcaudill@purdue.edu
- University College Dublin's Quinn, Sch. of Business, Dublin, Ireland - Contact Glenda at gcaudill@purdue.edu
- Tilburg University Summer School Entrepreneurship Prgrm - Contact Glenda at gcaudill@purdue.edu

Agriculture

- AGEC 33000 - Management Methods For Agricultural Business
- AGEC 33100 - Principles Of Selling In Agricultural Business
- AGEC 42400 - Financial Management Of Agricultural Business
- AGEC 42600 - Marketing Management of Agricultural Business

- AGEC 32700 - Principles Of Food And Agribusiness Marketing and
- AGEC 42700 - Advanced Agribusiness Marketing

- AGEC 42900 - Agribusiness Marketing Workshop

- AGEC 43000 - Agricultural And Food Business Strategy or
- AGEC 53000 - Strategic Agribusiness Management

- ANSC 44000 - Horse Management
- ANSC 49400 - Animals And Food Security: International Services Learning

- ASM 49400 - Project Planning And Management or
- ABE 49500 - Select Topics In Agricultural And Biological Engineering

- FS 44300 - Food Product Design (Capstone)
- HORT 43500 - Principles Of Marketing And Management For Horticultural Businesses
- HORT 44500 - Strategic Analysis Of Horticultural Production And Marketing
- HORT 42500 - Landscape Horticulture Capstone Project

Education

- EDPS 30000 - Student Leadership Development

Engineering

- ABE 48400 - Project Planning And Management and
- ABE 48600 - Agricultural Engineering Design or

- ASM 49400 - Project Planning And Management and
- ASM 49500 - Agricultural Systems Management Capstone Project

- ABE 48500 - Agricultural Engineering Project Management And Design

- ABE 55700 - Transport Operations In Food And Biological Systems II
- ABE 55800 - Process Design For Food And Biological Systems
- ABE 59100 - Special Topics Special Topics on Bionanotechnology
- ABE 59100 - Special Topics Biological foundations for bioMEMS and bionanotechnology
- AAE 25100 - Introduction To Aerospace Design
- AAE 35103 - Aerospace Systems Design
- AAE 45000 - Spacecraft Design

- AAE 45100 - Aircraft Design
- AAE 45400 - Design Of Aerospace Structures
- AAE 53500 - Propulsion Design, Build, Test

- BME 48800 - Preliminary Senior Project Design and
- BME 48900 - Senior Design Project Lab and
- BME 49000 - Professional Elements Of Design Consists of 3 courses, 488 (1), 489 (2), 490 (1)

- CE 35500 - Engineering Environmental Sustainability
- CE 52100 - Construction Business Management
- CE 52400 - Legal Aspects In Engineering Practice
- CE 59700 - Civil Engineering Projects
- CHE 45000 - Design And Analysis Of Processing Systems

- ECE 27900 - Sophomore Participation In Vertically Integrated Projects In Electrical And Computer Engineering or
- ECE 37900 - Junior Participation In Vertically Integrated Projects (VIP) In Electrical And Computer Engineering or
- ECE 47900 - Senior Participation In Vertically Integrated Projects (VIP) In Electrical And Computer Engineering

- ECE 40200 - Electrical Engineering Design Projects
- ECE 47700 - Digital Systems Senior Project
- EEE 48000 - Environmental And Ecological Engineering Senior Design
- EPCS courses - EPICS Participation - Note: Total of 3 credits over 2 semesters.

- EPCS 40100 - Senior Participation In EPICS or
- EPCS 40200 - Senior Participation In EPICS Total of 3 credit hours over 2 semesters

- IDE 48500 - Multidisciplinary Engineering Design Project
- IE 34300 - Engineering Economics
- IE 54500 - Engineering Economic Analysis
- IE 54600 - Economic Decisions In Engineering
- IE 56600 - Production Management Control
- IE 59000 - Topics In Industrial Engineering
- ME 26300 - Introduction To Mechanical Engineering Design, Innovation And Entrepreneurship
- ME 44400 - Computer-Aided Design And Prototyping
- ME 46300 - Engineering Design
- ME 55300 - Product And Process Design
- ME 55400 - Intellectual Property For Engineers
- MSE 59700 - Selected Topics In Materials Engineering
- NUCL 47000 - Fuel Cell Engineering

Health and Human Sciences

- CSR 30900 - Leadership Strategies
- CSR 40600 - E-Retailing
- HK 38500 - Methods Of Health Promotion And Education

- HK 42400 - Health And Fitness Program Management
- HTM 31200 - Human Resources Management For The Service Industries
- HTM 44100 - Financial Management For The Hospitality Industry
- HTM 49900 - Feasibility Studies And Business Development In Hospitality And Tourism
- NUR 40400 - Leadership in Nursing

Liberal Arts

- COM 31400 - Advanced Presentational Speaking
- COM 49100 - Special Topics In Communication or
- WGSS 28100 - Selected Topics In Women's, Gender, And Sexuality Studies or
- ENTR 47000 - Women And Leadership
- CHNS 22400 - Chinese Level IV Business Chinese
- ENGL 42000 - Business Writing (for Entrepreneurship Certificate Students)*
- FR 42400 - Business French
- FVS 26100 - Technical Video Production I
- FVS 44200 - Digital Film Production
- GER 42400 - Business German
- GER 52400 - German For International Trade
- SPAN 42400 - Business Spanish

Management

- MGMT 30400 - Introduction To Financial Management Previously listed as MGMT 39000
- MGMT 39000 - Junior Level Problems In Management
- MGMT 42300 - New Product Development
- MGMT 48400 - Management New Entrepreneurship
- MGMT 48800 - Electronic Commerce And Information Strategies
- MGMT 49000 - Problems In Industrial Management - Experiential Marketing - formerly known as Entrepreneurial Marketing
- MGMT 49000 - Problems In Industrial Management - Technology Strategy
- MGMT 49000 - Problems In Industrial Management - Social Entrepreneurship in Practice
- MGMT 59000 - Directed Readings In Management - Student Managed Venture Fund

Pharmacy

- PHAD 34300 - Pharmacy in the Health Care System
- PHAD 46400 - Management of Professional Practice (Can't be professional first or second year)
- PHRM 49000 - Special Topics - Business Plan Competition
- PHRM 83100 - Health Care Systems
- PHRM 84900 - Population Health Management
- PHRM 87000 - Health Policy Applications
- PHRM 86900 - Practice Management & Marketing
- PHRM 88900 - Approved APPE elective

Science

- COM 21700 - Science Writing And Presentation
- CS 49000 - Topics In Computer Sciences For Undergraduates
- "Great Issues" - All Great Issues in Science Courses-view link for specific offerings - http://www.science.purdue.edu/Current_Students/curriculum_and_degree_requirements/great-issues.html
- SCI 13000 - Teamwork or
- SCI 21000 - Teaming Principles

Technology

- AT 49800 - Aviation Technology Capstone
- BCM 45500 - Construction Company Management
- BCM 48700 - Construction Capstone
- CGT 41100 - Contemporary Problems In Applied Computer Graphics and
- CGT 45000 - Professional Practices
- CNIT 48000 - Managing Information Technology Projects
- ECET 43000 - Electrical And Electronic Product And Program Management and
- ECET 46000 - Project Design And Development
- IET 45100 - Monetary Analysis For Industrial Decisions
- IT 19000 - Topics In Industrial Technology
- IT 22600 - Biotechnology Laboratory I
- IT 23000 - Industrial Supply Chain Management
- IT 33000 - Industrial Sales And Sales Management
- IT 43400 - Global Transportation And Logistics Management
- MET 49000 - Special Topics In MET - Multi-disciplinary Capstone Projects and
- MET 40000 - Mechanical Design
- OLS 35100 - Innovation And Entrepreneurship
- OLS 37500 - Training Methods
- OLS 37600 - Human Resource Issues
- OLS 45000 - Project Management For Organizational And Human Resource Development No Longer Offered

See www.purdue.edu/entr for updated list

See www.purdue.edu/entr for updated list

Expired Course

Any course without a link to its description is one that has been expired. However, this course could fulfill the degree requirement historically.

Minor

Economics Minor

Economics Minor available for students outside the School of Management - ECON

Credit Hours: 15

Minor Requirements

- A grade of a C- or better must be earned in any course used to fulfill the minor.
- Transfer credit for ECON 25100 and ECON 25200 will be accepted for the minor only if posted on the student's Purdue transcript as ECON 25100 and/or ECON 25200. Undistributed transfer credit (i.e. ECON 2XXXX) will not be accepted.
- To register for any upper division Economics course (300 level or above), Non-Krannert students must wait for the date listed on the website for restrictions to be lifted allowing registration, space permitting.
<http://www.krannert.purdue.edu/undergraduate/current-students/nonkrannert-students.asp>

Complete the following courses

- ECON 25100 - Microeconomics
- ECON 25200 - Macroeconomics

Complete 3 Upper Division Economics Electives* from the following list

- ECON 34000 - Intermediate Microeconomic Theory or
- ECON 51100 - Intermediate Economics I

- ECON 35200 - Intermediate Macroeconomics or
- ECON 51200 - Intermediate Economics II

- ECON 36000 - Econometrics or
- ECON 56200 - Econometrics I

- ECON 36100 - Antitrust And Regulation
- ECON 36500 - History Of Economic Thought
- ECON 37000 - International Trade
- ECON 38000 - Money And Banking
- ECON 38500 - Labor Economics
- ECON 39000 - Junior Level Problems In Economics
- ECON 42200 - Public Finance And Taxation
- ECON 45100 - Game Theory
- ECON 46100 - Industrial Organization
- ECON 46600 - International Economics
- ECON 47100 - Behavioral Economics
- ECON course (not principles) from a Krannert-approved Study Abroad program.
- ECON 49000 - Problems In Economics

Note

* The student is ultimately responsible for knowing and completing all degree requirements. myPurdue Plan is a source for specific requirements and completion.

Management Minor

Management Minor available for students outside the School of Management

Credit Hours: 15

Minor Requirements

- A grade of a C- or better must be earned in any course used to fulfill the minor.
- Pre-requisite courses are listed in parentheses ().
- Transfer credit for ECON 25100, MGMT 20000 and MGMT 20100 may be accepted for the minor only if posted on the student's Purdue transcript as ECON 25100, MGMT 20000 and/or MGMT 20100. Undistributed transfer credit (i.e. MGMT 2XXXX) will not be accepted.
- MGMT 20010: Introductory Accounting for Non-Management Majors may not be used as a prerequisite for MGMT 20100, Management Accounting I. MGMT 20000 is the pre-requisite for MGMT 20100.
- Students who took ECON 25200 prior to Fall 2013 to satisfy their management minor requirement may use it to satisfy minor requirements and as a prerequisite for MGMT 31000, MGMT 32400, and MGMT 45100.

Complete the following courses

- MGMT 20100 - Management Accounting I
- ECON 25100 - Microeconomics

Complete 3 Upper Division Management Electives from the following list

Courses with a ♦ are non-majors courses and do not require permission or overrides for non-Krannert students:

- MGMT 30400 - Introduction To Financial Management ♦ or
- MGMT 31000 - Financial Management *
- MGMT 30500 - Business Statistics *
- MGMT 32300 - Principles Of Marketing ♦ or
- MGMT 32400 - Marketing Management *
- MGMT 35000 - Intermediate Accounting I *
- MGMT 35400 - Legal Foundations Of Business I * or
- MGMT 45500 - Legal Background For Business I ♦
- MGMT 36100 - Operations Management *
- MGMT 38200 - Management Information Systems *
- MGMT 45100 - Strategic Management *

- MGMT 44301 - Management Of Human Resources ♦
- OBHR 33000 - Introduction To Organizational Behavior *

- Krannert approved Study Abroad course

Note

* Non-Krannert students must complete the *Request to Enroll in an Upper Level Krannert Course* on the Krannert School of Management website for permissions to register for these upper-division classes.

Degree Requirements

The student is ultimately responsible for knowing and completing all degree requirements.

myPurduePlan is knowledge source for specific requirements and completion.