School of Management

Overview

All organizations, large and small, have managers. They effectively lead, coordinate and communicate innovative solutions in all aspects of an organization from accounting to operations to human resources. Managers are adaptable leaders with strong roots in analytics, complemented by solid communication skills that help their organizations compete in the business world. The characteristics of Krannert graduates are a strong work ethic, analytical strengths and good communication skills. Leveraging the strength of Purdue's reputation in the STEM disciplines, Krannert students reach across campus to work with engineers on community service based teams, work with students of the liberal arts to create business strategies for new companies growing out of the Purdue Foundry, or compete in local and national case competitions and student research symposiums.

A multi-functional set of management core courses 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 in classrooms that use business cases, experiential real world business problems, student team projects and frequent speakers who bring the "real world" to the classroom. Students majoring in a particular functional area can add concentration areas to focus on specific interests such as data analytics or management consulting or international business. Students in Management find the opportunity to add a Certificate in Entrepreneurship as an attractive choice.

Graduates pursue many different careers. Some begin in corporate management rotational programs, as account managers or as project managers and some aspire to start their own businesses. Some aspire to the C-suite job and become Chief Executive Officers, Chief Financial Officers or Chief Information Officers. You will find Krannert management graduates scattered all over the world in companies like Boeing, General Motors, IBM, Amazon.com, Google, United Technology, Tesla, Facebook, Purdue University and Target Corporation.

Admissions Website

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.

High-achieving students are given opportunities to participate in the Krannert Leaders Academy throughout their degree programs, working with special advisors and support staff. The Academy houses both professional and educational programs that bring student into contact with networks of their like-minded peers, faculty and professional managers.

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

Contact Information
School of Management Administration and Instruction

Management Overview

All organizations, large and small, need managers. They effectively lead, coordinate and communicate innovative solutions in all aspects of an organization from operations to human resources. Managers are adaptable leaders with strong roots in analytics, complemented by solid communication skills that help their organizations compete in the business world. The characteristics of Krannert graduates are a strong work ethic, analytical strengths and good communication skills.

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 careers. Some begin in corporate management rotational programs, as account executives or as project managers and proceed to start their own businesses. Some go for the C-suite job and become CEOs and CFOs. You will find Krannert management graduates in companies like Boeing, General Motors, IBM, Amazon.com, Google, United Technology, Purdue University 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 Faculty

Economics Faculty

Contact Information
About the Program

Accountants help businesses and organizations solve problems and succeed in a rapidly changing, globally competitive environment. Accountants prepare and interpret financial information that is used in a variety of settings. Companies use accounting information in strategic planning and performance evaluation. Investors, lenders and venture capitalists use accounting information when deciding whether and where to invest their funds. Government regulators, such as the Securities and Exchange Commission and even the FBI, use accounting information to detect fraud.

With Krannert's accounting degree, you can pursue a career in public, corporate, tax, non-profit or government accounting. 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 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. A sample of recent jobs that our students have accepted.

You can also prepare for the highly valued Certified Public Accountant (CPA) or Certified Management Accounting (CMA) professional certifications. The Accounting Area offers specialized courses in forensic and international accounting, two of the most important growth areas in accounting today.

In addition to your accounting classes, you will take courses in other management areas, such as operations management, finance, marketing and human resource management as you complete your accounting degree. As a result, you will leave Krannert with a solid understanding of both accounting and overall business operations.
Not majoring in Accounting? You can develop valuable accounting skills by concentrating or minoring in Accounting in conjunction with other majors by taking 12 credit hours of upper division accounting classes. For more information, please check with an undergraduate advisor.

Check out a story about how our accounting students helped Purdue to transition to its new procurement system: click here

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. Check out our undergraduate accounting clubs (Beta Alpha Psi and the Purdue Accounting Association). There are lots of ways to get involved!

Three 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.

Degree Requirements

120 Credits Required

Required Major Courses (52 credits)

- ECON 25100 - Microeconomics (satisfies Human Cultures Behavioral/Social Science for core)
- ECON 25200 - Macroeconomics (satisfies Human Cultures Behavioral/Social Science for core)
- MGMT 20000 - Introductory Accounting
- MGMT 20100 - Management Accounting I
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35000 - Intermediate Accounting I
- MGMT 35100 - Intermediate Accounting II
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 50300 - Advanced Accounting
- MGMT 50400 - Tax Accounting
- MGMT 50500 - Management Accounting II
- MGMT 50600 - Auditing
- OBHR 33000 - Introduction To Organizational Behavior

Other Departmental/Program Course Requirements (48-49 credits)
- CS 23500 - Introduction To Organizational Computing
- MA 16010 - Applied Calculus I  *(satisfies Quantitative Reasoning for core)*
- MA 16020 - Applied Calculus II ♦
- ENGL 42000 - Business Writing
- STAT 22500 - Introduction To Probability Models
- ENGL 10600 - First-Year Composition ♦  *(satisfies Written Communication for core)* or
- ENGL 10800 - Accelerated First-Year Composition ♦  *(satisfies Written Communication for core)* or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity
- COM 11400 - Fundamentals Of Speech Communication ♦  *(satisfies Oral Communication for core)* or
- COM 21700 - Science Writing And Presentation ♦  *(satisfies Oral Communication for core)*
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology  *(satisfies Human Cultures Behavioral/Social Science for core)*
- Professional Elective - Credit Hours: 3.00
- Professional Elective - Credit Hours: 3.00
- Professional Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- Human Cultures Humanities selective - Credit Hours: 3.00
- Science selective - Credit Hours: 3.00
- Science selective - Credit Hours: 3.00
- Science, Technology & Society selective - Credit Hours: 3.00

**Electives (19-20 credits)**

The number of general electives will vary for each student and can include AP credit, transfer credit, and/or Credit by Exam.

**Management Admission Index (MAI) Core**

Management Admissions Index classes consist of:

- ECON 25100 Microeconomics
- ENGL 10600 First-year Composition or ENGL 10800 Accelerated First-year Composition or SCLA 10100
- Transformative Texts, Critical Thinking and Communication I: Antiquity to Modernity
- MA 16010 Applied Calculus I
- MA 16020 Applied Calculus II
- MGMT 20000 Introductory Accounting
- COM 11400 Fundamentals of Speech Communication or COM 21700 Science Writing & Presentation

**Upper Division Requirements**: A student must:

1) complete all MAI courses with a 3.00 or above MAI GPA **AND** a 2.50 cumulative GPA

2) have a C- or higher in all MAI **AND** required Management courses

3) Not be on academic probation.
• Requirements for upper division can be found online.
• University Policy states students may only attempt a course 3 times and grades of W or WF are included in this limit. Per the School of Management, no more than three different MAI courses, or their equivalents, may be taken two times for a grade.
• Students are responsible for consulting their advisor about re-take options available to them.
• Previous enrollments in MA 16100, 16200, 16500, 16600 do not count against the retake policy for the MAI.

Additional Requirements

• Accounting Professional Supplemental Electives
• International Electives

Optional Concentrations for the School of Management

• Data Analytics Concentration in School of Management (Optional)
• Hospitality and Tourism Management Concentration in School of Management (Optional)
• Innovation Management Concentration in School of Management (Optional)
• Management Consulting Concentration in School of Management (Optional)

University Core Requirements

• Human Cultures Humanities
• Human Cultures Behavioral/Social Science
• Information Literacy
• Science #1
• Science #2
• Science, Technology, and Society
• Written Communication
• Oral Communication
• Quantitative Reasoning
  For a complete listing of course selectives, visit the Provost's Website.

Prerequisite Information:

For current pre-requisites for courses, click here.

Program Requirements

Fall 1st Year

• MA 16010 - Applied Calculus I ♦
• ENGL 10600 - First-Year Composition ♦ or
• ENGL 10800 - Accelerated First-Year Composition ♦ or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- Science selective - Credit Hours: 3.00
- General Elective or AP/CR by Exam/TR - Credit Hours: 2.00

15 Credits

Spring 1st Year

- ECON 25100 - Microeconomics ♦
- MA 16020 - Applied Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication or
- COM 21700 - Science Writing And Presentation
- Human Cultures Humanities Selective - Credit Hours: 3.00
- Science selective - Credit Hours: 3.00

15 Credits

Fall 2nd Year

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

15 Credits

Spring 2nd Year

- MGMT 20100 - Management Accounting I
- MGMT 30500 - Business Statistics
- ECON 25200 - Macroeconomics
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- General Elective - Credit Hours: 2.00

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 35000 - Intermediate Accounting I

15 Credits

Spring 3rd Year

- ENGL 42000 - Business Writing
- MGMT 35100 - Intermediate Accounting II
- Accounting Professional Elective - Credit Hours: 3.00
- Accounting Professional Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Fall 4th Year

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

15 Credits

Notes

- MGMT, OBHR and ECON courses numbered 30000 or higher can only be taken after being admitted to Upper Division, with the exception of OBHR 33300. Students may take this course during their Sophomore Year.
- Transfer credit for upper level MGMT, OBHR and ECON 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.

- Information on summer courses is available at www.purdue.edu/thinksummer.
- Graduation Index: 2.00 minimum - Major Index: 2.00 minimum

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.

Disclaimer

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

The myPurduePlan powered by DegreeWorks is the knowledge source for specific requirements and completion.

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, a Minor in Economics and a Minor in Business Economics.

Degree Requirements

120 Credits Required

Required Major Courses (31 credits)

- ECON 25100 - Microeconomics ♦ (satisfies Human Cultures Behavioral/Social Science for core)
- ECON 25200 - Macroeconomics ♦ (satisfies Human Cultures Behavioral/Social Science for core)
- ECON 49900 - Senior Honors Thesis (required GPA 3.5 or above)
- MGMT 29500 - Professional Career Management
- 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 Elective- Upper Division - Credit Hours: 3.00
- ECON Elective- Upper Division - Credit Hours: 3.00
- ECON Elective- Upper Division - Credit Hours: 3.00
- ECON Elective- Upper Division - Credit Hours: 3.00

Major Selectives (15-26 credits)

Complete one major or minor offered by the College of Science.

- Minor in Biology - Credit Hours: 18.00
- Minor in Chemistry - Credit Hours: 16.00
- Minor in Computer Science - Credit Hours: 16.00
- Minor in Mathematics - Credit Hours: 24.00
- Minor in Physics - Credit Hours: 26.00
- Minor in Statistics - Credit Hours: 15.00

Other Departmental /Program Course Requirements (41-44 credits)

- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- CS 23500 - Introduction To Organizational Computing or
- CS 18000 - Problem Solving And Object-Oriented Programming or
- CS 18200 - Foundations Of Computer Science or
- CS 24000 - Programming In C
- MA 26500 - Linear Algebra or
- MA 35100 - Elementary Linear Algebra or
- MA 51100 - Linear Algebra With Applications
- STAT 35000 - Introduction To Statistics or
- STAT 51100 - Statistical Methods
- COM 11400 - Fundamentals Of Speech Communication ♦ (satisfies Oral Communication for core) or
- COM 21700 - Science Writing And Presentation ♦ (satisfies Oral Communication for core)
- ENGL 10600 - First-Year Composition ♦ (satisfies Written Communication for core) or
- ENGL 10800 - Accelerated First-Year Composition ♦ (satisfies Written Communication for core) or
• SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦
  (satisfies Written Communication for core)

• MA 16100 - Plane Analytic Geometry And Calculus I ♦ (satisfies Quantitative Reasoning for core) or
• MA 16500 - Analytic Geometry And Calculus I ♦ (satisfies Quantitative Reasoning for core) or
• MA 16200 - Plane Analytic Geometry And Calculus II ♦ (satisfies Quantitative Reasoning for core) or
• MA 16600 - Analytic Geometry And Calculus II ♦ (satisfies Quantitative Reasoning for core)

• Human Cultures Humanities selective - Credit Hours: 3.00
• Science selective - Credit Hours: 3.00
• Science selective - Credit Hours: 3.00
• Science, Technology & Society selective - Credit Hours: 3.00

Electives (19-33 credits)

The number of general electives will vary for each student and can include AP credit, transfer credit, and/or Credit by Exam.

*Economics Admissions Index (EAI) Core

Economics Admission Index courses consist of:

• COM 11400 Fundamentals of Speech Communication OR COM 21700 Science Writing & Presentation
• ECON 25100 Microeconomics
• ECON 25200 Macroeconomics
• ENGL 10600 First-year Composition OR ENGL 10800 Accelerated First-year Composition OR SCLA 10100
  Transformative Texts, Critical Thinking and Communication I: Antiquity to Modernity
• MA 16100 Plane Analytic Geometry and Calculus I OR MA 16500 Analytic Geometry and Calculus I
• MA 16200 Plane Analytic Geometry and Calculus II OR MA 16600 Analytic Geometry and Calculus II

Upper Division Requirements (Requirements for Upper Division) A student must:

1. Complete all EAI courses with a 2.75 or above EAI GPA AND a 2.50 cumulative GPA
2. Have a C- or higher in all EAI AND required Economics courses
3. Not be on academic probation.

• University Policy states students may only attempt a course 3 times, grades of W or WF are included in this limit. Per
  the School of Management, no more than three different EAI courses, or their equivalents, may be taken two times for
  a grade. A maximum of three EAI courses may be retaken one time each for a grade.
• 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.
• Students are responsible for consulting their advisor about re-take options available to them.

Additional Requirements
• Economics Upper Division Supplemental Information
• International Electives for the School of Management

Optional Concentrations for Economics Honors

• Accounting Concentration in School of Management (Optional)
• Data Analytics Concentration in School of Management (Optional)
• Finance Concentration in School of Management (Optional)
• Hospitality and Tourism Management Concentration in School of Management (Optional)
• International Business Concentration in School of Management (Optional)
• Innovation Management Concentration in School of Management (Optional)
• Management Consulting Concentration in School of Management (Optional)
• Management Information Systems Concentration in School of Management (Optional)
• Marketing Concentration in School of Management (Optional)
• Operation & Supply Chain Mgmt Concentration in School of Management (Optional)

University Core Requirements

• Human Cultures Humanities
• Human Cultures Behavioral/Social Science
• Information Literacy
• Science #1
• Science #2
• Science, Technology, and Society
• Written Communication
• Oral Communication
• Quantitative Reasoning

For a complete listing of course selectives, visit the Provost's Website.

Prerequisite Information:

For current pre-requisites for courses, click here.

Program Requirements

Fall 1st Year

• ECON 25100 - Microeconomics ♦
• 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 ♦ or
• SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦

• Human Cultures Humanities selective - Credit Hours: 3.00
• Science selective - Credit Hours: 3.00
• Science selective - Credit Hours: 3.00
• Science, Technology & Society selective - Credit Hours: 3.00

15 Credits

Spring 1st Year

• ECON 25200 - Macroeconomics ♦
• MGMT 29500 - Professional Career Management ♦
• MA 16200 - Plane Analytic Geometry And Calculus II ♦ or
• MA 16600 - Analytic Geometry And Calculus II ♦
• COM 11400 - Fundamentals Of Speech Communication ♦ or
• COM 21700 - Science Writing And Presentation ♦

• General Elective or Minor - Credit Hours: 3.00 - 4.00

15 Credits

Fall 2nd Year

• MA 26100 - Multivariate Calculus

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

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

• CS 23500 - Introduction To Organizational Computing or
• CS 18000 - Problem Solving And Object-Oriented Programming or
• CS 18200 - Foundations Of Computer Science or
• CS 24000 - Programming In C

• General Elective or Minor - Credit Hours: 2.00

15 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 or
  ECON 51200 - Intermediate Economics II

• ECON 36000 - Econometrics or
  ECON 56200 - Econometrics I

• General Elective or Minor - Credit Hours: 3.00
• Science Elective for core - 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
• Science Tech Society Elective for core - Credit Hours: 3.00
• General Elective or Minor - Credit Hours: 3.00

15 Credits

Spring 3rd Year

• ECON 49900 - Senior Honors Thesis
• Humanities Elective for core - 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

Fall 4th Year

• ECON Upper Division 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

Spring 4th Year
- Science Elective for core - 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

Notes

- 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 courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Kranert 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.
- For students in the Honors College, ECON 25100-H, ECON 49900, ECON 51100, ECON 51200, and ECON 56200 all count as honors elective courses (automatically provide honors credits without the need for an honor contract)
- Students interested in Master's or Ph.D. programs in economics, accounting, finance, political science, and other related fields should take additional mathematics and statistics courses. Consider completing a minor in either or both. These courses are highly recommended: MA 30100, MA 34100, MA 44000, MA 36600, STAT 41600/51600, and STAT 42000/52000. Please see https://www.krannert.purdue.edu/academics/economics/Undergraduate/after-graduation/prep-grad-school.asp
- Once you have completed ECON 25100 & 25200 you should quickly complete the three core economics 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.

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.

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

The myPurduePlan powered by DegreeWorks is the knowledge source for specific requirements and completion.

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.

The BS degree is offered by the Krannert School of Management and is designed for students who expect to use economic analysis and data-heavy quantitative methods in their careers. The BA degree is offered by the College of Liberal Arts and is designed for students who expect to use economic reasoning in the context of a broader liberal arts education in their careers. Krannert also offers a Minor in Economics and a Minor in Business Economics which are programs available to any undergraduate student on campus.

At Purdue, you will learn core micro and macro economic theory and then can choose from a menu of Economics Courses that cover diverse topics including: international trade, social interactions, tax policy, the banking system, public goods, the structure of industry, labor unions, antitrust policy, education, trust and bargaining, government regulation, discrimination, public finance, economic development, decision making under uncertainty, unemployment, any many, many others.

Why study economics? The most common answer we hear from students is that they enjoy taking econ courses. Fortunately, studying economics is not just enjoyable, it provides analytical and quantitative training that is in high demand by employers. In 2015, Purdue's Economics graduates had higher average starting salaries than all other business majors at Purdue (note that many of the top Economics majors at Purdue go immediately to graduate school and are not included in the salary averages). A 2011 New York Times article indicated that majoring in Economics gives you the best chance of reaching the top 1% of earners and 2006 paper by Flynn and Quinn found that after "adjusting for the size of the pool of graduates, those with undergraduate degrees in Economics are shown to have had a greater likelihood of becoming an S&P 500 CEO than any other major."

Degree Requirements

120 Credits Required

Required Major Courses (31 credits)

- MGMT 29500 - Professional Career Management
- ECON 25100 - Microeconomics ♦ (satisfies Human Cultures Behavioral/Social Science for core)
- ECON 25200 - Macroeconomics ♦ (satisfies Human Cultures Behavioral/Social Science for core)
- ECON 34000 - Intermediate Microeconomic Theory or
- ECON 51100 - Intermediate Economics I
- ECON 35200 - Intermediate Macroeconomics or
- ECON 51200 - Intermediate Economics II
Major Selectives (12-26 credits)

Fulfilled by completing a Major or Minor offered by College of Science, College of Engineering, School of Management, or Entrepreneurship and Innovation Certificate, or Optional Concentration (see below).

Other Departmental/Program Course Requirements (39-40 credits)

- ENGL 42000 - Business Writing
- CS 23500 - Introduction To Organizational Computing or
- CS 18000 - Problem Solving And Object-Oriented Programming or
- CS 18200 - Foundations Of Computer Science or
- CS 24000 - Programming In C
- STAT 35000 - Introduction To Statistics or
- STAT 51100 - Statistical Methods or
- MGMT 30500 - Business Statistics
- COM 11400 - Fundamentals Of Speech Communication ♦ (satisfies Oral Communication for core) or
- COM 21700 - Science Writing And Presentation ♦ (satisfies Oral Communication for core)
- ENGL 10600 - First-Year Composition ♦ (satisfies Written Communication for core) or
- ENGL 10800 - Accelerated First-Year Composition ♦ (satisfies Written Communication for core) or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦
- MA 16010 - Applied Calculus I ♦ (satisfies Quantitative Reasoning for core) or
- MA 16100 - Plane Analytic Geometry And Calculus I ♦ (satisfies Quantitative Reasoning for core) or
- MA 16500 - Analytic Geometry And Calculus I ♦ (satisfies Quantitative Reasoning for core)
- MA 16020 - Applied Calculus II ♦ (satisfies Quantitative Reasoning for core) or
- MA 16200 - Plane Analytic Geometry And Calculus II ♦ (satisfies Quantitative Reasoning for core) or
- MA 16600 - Analytic Geometry And Calculus II ♦ (satisfies Quantitative Reasoning for core)
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- Human Cultures Humanities selective - Credit Hours: 3.00
Electives (23-38 credits)

The number of general electives will vary for each student and can include AP credit, transfer credit, and/or Credit by Exam.

Economics Admissions Index (EAI) Core

Economics Admission Index courses consist of:

- COM 11400 Fundamentals of Speech Communication OR COM 21700 Science Writing & Presentation
- ECON 25100 Microeconomics
- ECON 25200 Macroeconomics
- ENGL 10600 First-year Composition OR ENGL 10800 Accelerated First-year Composition OR SCLA 10100 Transformative Texts, Critical Thinking and Communication I: Antiquity to Modernity
- MA 16010 Applied Calculus I OR MA 16100 Plane Analytic Geometry and Calculus I OR MA 16500 Analytic Geometry and Calculus I
- MA 16020 Applied Calculus II OR MA 16200 Plane Analytic Geometry and Calculus II OR MA 16600 Analytic Geometry and Calculus II

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" cannot be replaced by a transfer.

Additional Requirements

- International Electives
- Economics Upper Division Supplemental Information

Optional Concentrations for Economics

- Accounting Concentration in School of Management (Optional)
- Data Analytics Concentration in School of Management (Optional)
- Finance Concentration in School of Management (Optional)
- Hospitality and Tourism Management Concentration in School of Management (Optional)
- International Business Concentration in School of Management (Optional)
- Innovation Management Concentration in School of Management (Optional)
- Management Consulting Concentration in School of Management (Optional)
- Management Information Systems Concentration in School of Management (Optional)
- Marketing Concentration in School of Management (Optional)
- Operation & Supply Chain Mgmt Concentration in School of Management (Optional)

**University Core Requirements**

- Human Cultures Humanities
- Human Cultures Behavioral/Social Science
- Information Literacy
- Science #1
- Science #2
- Science, Technology, and Society
- Written Communication
- Oral Communication
- Quantitative Reasoning

For a complete listing of course selectives, visit the Provost's Website.

**Prerequisite Information:**

For current pre-requisites for courses, click here.

**Program Requirements**

**Fall 1st Year**

- ECON 25100 - Microeconomics ♦
- MA 16010 - Applied Calculus I ♦ or
- 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 ♦ or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦

- Science selective - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 2.00

**12-16 Credits**

**Spring 1st Year**

- ECON 25200 - Macroeconomics ♦
- MGMT 29500 - Professional Career Management ♦
- MA 16020 - Applied Calculus II ♦ or
- MA 16200 - Plane Analytic Geometry And Calculus II ♦ or
- MA 16600 - Analytic Geometry And Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication ♦ or
- COM 21700 - Science Writing And Presentation ♦
- CS 23500 - Introduction To Organizational Computing or
- CS 18000 - Problem Solving And Object-Oriented Programming or
- CS 18200 - Foundations Of Computer Science or
- CS 24000 - Programming In C
- General Elective or Minor - Credit Hours: 2.00

13-17 Credits

Fall 2nd Year

- STAT 35000 - Introduction To Statistics or
- STAT 51100 - Statistical Methods or
- MGMT 30500 - Business Statistics
- ECON 34000 - Intermediate Microeconomic Theory or
- ECON 51100 - Intermediate Economics I
- Science, Technology & Society selective - Credit Hours: 3.00
- Human Cultures Humanities selective - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 3.00

15 Credits

Spring 2nd Year

- ECON 36000 - Econometrics or
- ECON 56200 - Econometrics I
- ECON 35200 - Intermediate Macroeconomics or
- ECON 51200 - Intermediate Economics II
- International Elective - Credit Hours: 3.00
- General Elective or Minor - 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
• Science selective - Credit Hours: 3.00
• International Elective - Credit Hours: 3.00

15 Credits

Spring 3rd Year

• 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
• General Elective or Minor - Credit Hours: 3.00

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

Notes

• 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 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.
- For students in the Honors College, ECON 25100-H, ECON 49900, ECON 51100, ECON 51200, and ECON 56200 all count as honors elective courses (automatically provide honors credits without the need for an honor contract)
- MA 16020 is not sufficient preparation for minors offered by the College of Science and the College of Engineering. Consider taking MA 16200 or MA 16600 instead. 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 Master's or Ph.D. programs in economics, accounting, finance, political science, and other related fields should take additional mathematics and statistics courses. Consider the Economics BS Honors degree as it provides a better preparation: https://www.krannert.purdue.edu/academics/economics/Undergraduate/after-graduation/prep-grad-school.asp

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.

Disclaimer

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

The myPurduePlan powered by DegreeWorks is the knowledge source for specific requirements and completion.

Finance, BS

About the Program

Finance is the study of creating and managing wealth. It is about corporations, individuals, governments and not for profit entities and how these entities manage their money. 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? What do Private Equity firms do? How do Venture Capital investors identify the next Facebook?

The undergraduate program is a 120 credit hour program that provides students with a foundation for a successful career in finance. In addition to classroom coursework, our programs offer opportunities to participate in intra- and inter-collegiate case competitions, hands-on investment management practice, and student-led club activities. The Purdue Finance Workshop connects outstanding finance majors with successful alums pursuing careers in finance in every major financial center on the planet. The
Financial Management Association has an active chapter on campus and connects students with finance professional from corporations and hi-tech start-ups.

A student majoring in finance may choose from a range of management concentrations that strengthen the skill set and business integration skills for a high impact career in financial management. These include accounting, data analytics, management consulting, or innovation management.

Krannert also offers a one-year Master of Science in Finance program that is ideal for students with an undergraduate degree in economics, statistics, math, computer science or general management.

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 or private equity firms. Other graduates find challenging careers in asset management, investment analysis, and equity research.

**Degree Requirements**

**120 Credits Required**

**Required Major Courses (43 credits)**

- 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 35200 - Strategic Management
- ECON 38000 - Money And Banking
- ECON 25100 - Microeconomics ♦ (satisfies Human Cultures Behavioral/Social Science for core)
- ECON 25200 - Macroeconomics (satisfies Human Cultures Behavioral/Social Science for core)
- MGMT 20000 - Introductory Accounting ♦
- MGMT 29500 - Professional Career Management
- MGMT 20100 - Management Accounting I
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 30600 - Management Science or
- MGMT 47200 - Advanced Spreadsheet Modeling And Simulation or
- ECON 36000 - Econometrics

**Major Selectives (18 credits)**

**Required Courses (6 credits)**

- MGMT 41100 - Investment Management
- MGMT 41300 - Corporate Finance
Choose Four (12 credits)

- MGMT 41200 - Financial Institutions And Markets
- MGMT 41500 - International Financial Management
- MGMT 41601 - Corporate Mergers And Acquisitions
- MGMT 41250 - Fixed Income Securities
- MGMT 41350 - Venture Capital And Entrepreneurial Finance
- MGMT 41150 - Futures And Options
- MGMT 41310 - Financial Data Analysis And Modeling

Other Departmental/Program Course Requirements (42-43 credits)

- MA 16010 - Applied Calculus I ♦ (satisfies Quantitative Reasoning for core)
- MA 16020 - Applied Calculus II ♦ (satisfies Quantitative Reasoning for core)
- CS 23500 - Introduction To Organizational Computing
- ENGL 42000 - Business Writing
- STAT 22500 - Introduction To Probability Models
- COM 11400 - Fundamentals Of Speech Communication ♦ (satisfies Oral Communication for core) or
- COM 21700 - Science Writing And Presentation ♦ (satisfies Oral Communication for core)
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- ENGL 10600 - First-Year Composition ♦ (satisfies Written Communication for core) or
- ENGL 10800 - Accelerated First-Year Composition ♦ (satisfies Written Communication for core) or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity
- International Elective - Credit Hours: 3.00
- Human Cultures Humanities Selective - Credit Hours: 3.00
- Science Selective - Credit Hours: 3.00
- Science, Technology & Society Selective - Credit Hours: 3.00

Electives (16-17 credits)

The number of general electives will vary for each student and can include AP credit, transfer credit, and/or Credit by Exam.

Management Admissions Index (MAI) Core Requirements

Management Admissions Index classes consist of:

- ECON 25100 Microeconomics
- ENGL 10600 First-year Composition or ENGL 10800 Accelerated First-year Composition or SCLA 10100
  Transformative Texts, Critical Thinking and Communication I: Antiquity to Modernity
- MA 16010 Applied Calculus I
- MA 16020 Applied Calculus II
- MGMT 20000 Introductory Accounting
- COM 11400 Fundamentals of Speech Communication or COM 21700 Science Writing & Presentation

Upper Division Requirements: A student must 1) complete all MAI courses with a 3.00 or above MAI GPA AND a 2.50 cumulative GPA 2) have a C- or higher in all MAI AND required Management courses 3) Not be on academic probation.

- University Policy states students may only attempt a course 3 times and grades of W or WF are included in this limit. Per the School of Management, no more than three different MAI courses, or their equivalents, may be taken two times for a grade.
- Students are responsible for consulting their advisor about re-take options available to them.
- Previous enrollments in MA 16100, 16200, 16500, 16600 do not count against the retake policy for the MAI.

Additional Requirements

- International Electives for the School of Management

Optional Concentrations for Finance

- Accounting Concentration in School of Management (Optional)
- Data Analytics Concentration in School of Management (Optional)
- Hospitality and Tourism Management Concentration in School of Management (Optional)
- International Business Concentration in School of Management (Optional)
- Innovation Management Concentration in School of Management (Optional)
- Management Consulting Concentration in School of Management (Optional)
- Management Information Systems Concentration in School of Management (Optional)
- Marketing Concentration in School of Management (Optional)
- Operation & Supply Chain Mgmt Concentration in School of Management (Optional)

University Core Requirements

- Human Cultures Humanities
- Human Cultures Behavioral/Social Science
- Information Literacy
- Science #1
- Science #2
- Science, Technology, and Society
- Written Communication
- Oral Communication
- Quantitative Reasoning
  For a complete listing of course selectives, visit the Provost's Website.

Prerequisite Information:
Program Requirements

Fall 1st Year

- MA 16010 - Applied Calculus I ♦
- ENGL 10600 - First-Year Composition ♦ or
- ENGL 10800 - Accelerated First-Year Composition ♦ or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

- Science Selective - Credit Hours: 3.00
- General Elective or AP/CR by Exam or TR Credit - Credit Hours: 2.00

15 Credits

Spring 1st Year

- MA 16020 - Applied Calculus II ♦
- ECON 25100 - Microeconomics

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

- Human Cultures Humanities Selective - Credit Hours: 3.00
- Science Selective - Credit Hours: 3.00

15 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
- Science, Tech & Society Selective - Credit Hours: 3.00

15 Credits

Spring 2nd Year
• MGMT 20100 - Management Accounting I
• MGMT 30500 - Business Statistics
• ECON 25200 - Macroeconomics
• MGMT 25400 - Legal Foundations Of Business I
• MGMT 29500 - Professional Career Management
• General Elective - Credit Hours: 2.00

15 Credits

Fall 3rd Year

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

15 Credits

Spring 3rd Year

• MGMT 35200 - Strategic Management
• MGMT 30600 - Management Science or
• MGMT 47200 - Advanced Spreadsheet Modeling And Simulation or
• ECON 36000 - Econometrics

• International Elective - Credit Hours: 3.00
• Required Major Upper Division Course - Credit Hours: 3.00
• Required Major Upper Division Course - Credit Hours: 3.00

15 Credits

Fall 4th Year

• MGMT 36100 - Operations Management
• ECON 38000 - Money And Banking
• Required Major Upper Division Course - Credit Hours: 3.00
• International Elective - Credit Hours: 3.00
• General Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

• Required Major Upper Division Course - Credit Hours: 3.00
• Required Major Upper Division Course - Credit Hours: 3.00
• General Elective - Credit Hours: 3.00
• General Elective - Credit Hours: 3.00
• General Elective - Credit Hours: 3.00

15 Credits

Notes

• It is strongly encouraged that you take MGMT 20100 before Upper Division admittal as it is a pre-requisite or co-
  requisite to MGMT 31000. MGMT 31000 should be taken soon after you are admitted to Upper Division as it is a pre-
  requisite for all of your MAJOR SELECTIVES courses.
• MGMT, OBHR and ECON courses numbered 30000 or higher can only be taken after being admitted to Upper
  Division.
• Choose these courses carefully. Having a good foundation in Science and Technology, as well as having outstanding
  written and oral communication skills is critical for a successful career in Finance. Concentrations that mix well with
  Finance are Accounting, Data Analytics and Management Consulting.
• Transfer credit for upper level MGMT, OBHR and ECON (Purdue Transfer Credit Courses) will only be considered if
  taken at a 4 year AACSB accredited school.
• 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.
• Information on summer courses is available at www.purdue.edu/thinksummer.
• Refer to myPurduePlan for 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.

Disclaimer

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

The myPurduePlan powered by DegreeWorks is the knowledge source for specific requirements and completion.

General Management, BS
About the Program

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

The General Management major allows students to gain depth in the areas of human resource management, strategic analysis, and organizational structure. Whether a business is a Fortune 500 company with thousands of employees or a small machine shop in Indiana, the management team has to be able to think strategically, understand its competitive environment and motive its employees to pursue the company goals. This major is a favorite choice for Krannert students and provides the ideal base upon which to build a career.

Graduates pursue many different career directions. Some begin in corporate management rotational programs, as account executives or as project managers. Others join the team of a start-up. You will find Krannert management graduates in companies like Boeing, General Motors, Amazon.com, Tesla, and Target Corporation.

Degree Requirements

120 Credits Required

Required Major Courses (49 credits)

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- MGMT 35200 - Strategic Management
- ECON 30100 - Managerial Economics
- ECON 38500 - Labor Economics
- ECON 25100 - Microeconomics ♦ (satisfies Human Cultures Behavioral/Social Science for core)
- MGMT 20000 - Introductory Accounting ♦
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- ECON 25200 - Macroeconomics (satisfies Human Cultures Behavioral/Social Science for core)
- MGMT 20100 - Management Accounting I

Major Selectives (15 credits)

Choose Three (9 credits)
• MGMT 44362 - Leadership & Organizational Change
• MGMT 44690 - Negotiation And Decision Making
• MGMT 44710 - Competitive Strategy
• MGMT 44810 - Technology Strategy

Choose Two (6 Credits)

• ECON 37000 - International Trade
• ECON 46100 - Industrial Organization
• MGMT 44310 - Managing Human Capital Globally
• MGMT 44429 - Talent Management
• MGMT 45200 - Manufacturing Strategy And Process Innovation
• MGMT 45900 - International Management
• MGMT 48400 - Management Of Entrepreneurial Ventures
• MGMT 35500 - Consulting Tools And Skills

Other Departmental/Program Course Requirements (42-43 credits)

Other Departmental Courses (36-37 credits)

• CS 23500 - Introduction To Organizational Computing
• ENGL 42000 - Business Writing
• MA 16010 - Applied Calculus I ♦ (satisfies Quantitative Reasoning for core)
• MA 16020 - Applied Calculus II ♦ (satisfies Quantitative Reasoning for core)
• STAT 22500 - Introduction To Probability Models
• COM 11400 - Fundamentals Of Speech Communication ♦ (satisfies Oral Communication for core) or
• COM 21700 - Science Writing And Presentation ♦ (satisfies Oral Communication for core)
• PSY 12000 - Elementary Psychology (satisfies Human Cultures Behavioral/Social Science for core) or
• SOC 10000 - Introductory Sociology (satisfies Human Cultures Behavioral/Social Science for core)
• ENGL 10600 - First-Year Composition ♦ (satisfies Written Communication for core) or
• ENGL 10800 - Accelerated First-Year Composition ♦ (satisfies Written Communication for core) or
• SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity
• Human Cultures Humanities Selective - Credit Hours: 3.00
• Science Selective - Credit Hours: 3.00
• Science Selective - Credit Hours: 3.00
• Science, Technology & Society Selective - Credit Hours: 3.00

Cultural Competency Selective I (3 credits)

• ECON 37000 - International Trade
• ECON 37600 - Economics Of The European Union
• ECON 46600 - International Economics
• MGMT 41500 - International Financial Management
- Study Abroad courses (3+ credits) taken through approved study abroad program

**Cultural Competency Selective II (3 credits)**

- AAS 37300 - Issues In African American Studies
- ANTH 23000 - Gender Across Cultures
- ECON 49000 - Problems In Economics - Racial & Gender Discrimination in the Marketplace
- HIST 46900 - Black Civil Rights Movement
- HIST 47005 - Women And Health In America
- MGMT 29000 - Problems In Management - Women & Legal Issues
- MGMT 39000 - Junior Level Problems In Management - Gender Issues in Management
- POL 22200 - Women, Politics, And Public Policy
- POL 32600 - Black Political Participation In America
- PSY 23900 - The Psychology Of Women
- PSY 24000 - Introduction To Social Psychology
- SOC 22000 - Social Problems
- SOC 31000 - Racial And Ethnic Diversity
  - Study Abroad courses (3+ credits) taken through a college approved study abroad program that addresses gender diversity and inclusion topics

**Electives (13-14 credits)**

The number of electives will vary for each student and can include AP credit, transfer credit, and/or Credit by exam.

**Management Admissions Index (MAI) Core Requirements**

Management Admissions Index classes consist of:

- ECON 25100 Microeconomics
- ENGL 10600 First-year Composition or ENGL 10800 Accelerated First-year Composition or SCLA 10100 Transformative Texts, Critical Thinking and Communication I: Antiquity to Modernity
- MA 16010 Applied Calculus I
- MA 16020 Applied Calculus II
- MGMT 20000 Introductory Accounting
- COM 11400 Fundamentals of Speech Communication or COM 21700 Science Writing & Presentation

Upper Division Requirements: A student must 1) complete all MAI courses with a 3.00 or above MAI GPA AND a 2.50 cumulative GPA 2) have a C- or higher in all MAI AND required Management courses 3) Not be on academic probation.

- University Policy states students may only attempt a course 3 times and grades of W or WF are included in this limit. Per the School of Management, no more than three different MAI courses, or their equivalents, may be taken two times for a grade.

**Additional Requirements**

- General Management Supplemental Information
Optional Concentrations for General Management

- Accounting Concentration in School of Management (Optional)
- Data Analytics Concentration in School of Management (Optional)
- Finance Concentration in School of Management (Optional)
- Hospitality and Tourism Management Concentration in School of Management (Optional)
- International Business Concentration in School of Management (Optional)
- Management Consulting Concentration in School of Management (Optional)
- Management Information Systems Concentration in School of Management (Optional)
- Marketing Concentration in School of Management (Optional)
- Operation & Supply Chain Mgmt Concentration in School of Management (Optional)
- Agribusiness Management Concentration (Optional)

University Core Requirements

- Human Cultures Humanities
- Human Cultures Behavioral/Social Science
- Information Literacy
- Science #1
- Science #2
- Science, Technology, and Society
- Written Communication
- Oral Communication
- Quantitative Reasoning

For a complete listing of course selectives, visit the Provost's Website.

Prerequisite Information:

For current pre-requisites for courses, click here.

Program Requirements

Fall 1st Year

- MA 16010 - Applied Calculus I ♦
- ENGL 10600 - First-Year Composition ♦ or
- ENGL 10800 - Accelerated First-Year Composition ♦ or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

- Science Selective - Credit Hours: 3.00
- General Elective or AP/CR by Exam/TR - Credit Hours: 2.00
15 Credits

Spring 1st Year

- MA 16020 - Applied Calculus II ♦
- ECON 25100 - Microeconomics
- COM 11400 - Fundamentals Of Speech Communication ♦ or
- COM 21700 - Science Writing And Presentation ♦
- Human Cultures Humanities Selective - Credit Hours: 3.00
- Science Selective - Credit Hours: 3.00

15 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
- Science, Tech & Society Selective - Credit Hours: 3.00

15 Credits

Spring 2nd Year

- MGMT 20100 - Management Accounting I
- MGMT 30500 - Business Statistics
- ECON 25200 - Macroeconomics
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- General Elective - Credit Hours: 2.00

15 Credits

Fall 3rd Year

- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 38200 - Management Information Systems
- Cultural Competency Selective I - Credit Hours: 3.00

15 Credits
Spring 3rd Year

- ENGL 42000 - Business Writing
- MGMT 30600 - Management Science
- MGMT 35200 - Strategic Management
- Required Major Selective - Credit Hours: 3.00
- Cultural Competency Selective II - Credit Hours: 3.00

15 Credits

Fall 4th Year

- MGMT 36100 - Operations Management
- MGMT 44428 - Human Resources Management
- ECON 30100 - Managerial Economics
- Required Major Selective - Credit Hours: 3.00
- Required Major Selective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- ECON 38500 - Labor Economics
- Required Major Selective - Credit Hours: 3.00
- Required Major Selective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Notes

- 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 (Purdue Transfer Credit Courses) will only be considered if taken at a 4 year AACSB accredited school.
- 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.

Foreign Language Courses

Foreign Language proficiency requirements vary by program.
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.

Disclaimer

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

The myPurduePlan powered by DegreeWorks is the knowledge source for specific requirements and completion.

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 allowed Industrial Management majors to enjoy faster upward mobility within organizations than most other business majors.

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 technical consultants, supply chain analysts, strategic sourcing analysts or software business analysts.

Students may choose from the following concentrations: Data Analytics, 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).

Degree Requirements

120 Credits Required

Required Major Courses (46 credits)

- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 25400 - Legal Foundations Of Business I
Major Selectives (16-17 credits)

Required Courses: (9 credits)
- CS 18000 - Problem Solving And Object-Oriented Programming
- CS 18200 - Foundations Of Computer Science
- CS 24000 - Programming In C

Choose Two: (6-7 credits)
- CS 30700 - Software Engineering I
- CS 25000 - Computer Architecture
- CS 25100 - Data Structures And Algorithms
- CS 25200 - Systems Programming
- CS 31400 - Numerical Methods
- CS 33400 - Fundamentals Of Computer Graphics
- CS 34800 - Information Systems
- CS 35500 - Introduction To Cryptography
- CS 38100 - Introduction To The Analysis Of Algorithms
- CS 40800 - Software Testing
- CS 44800 - Introduction To Relational Database Systems
- CS 47100 - Introduction to Artificial Intelligence

Other Departmental/Program Course Requirements (48-53 credits)

- CS 23500 - Introduction To Organizational Computing
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- STAT 22500 - Introduction To Probability Models

- COM 11400 - Fundamentals Of Speech Communication ♦ (satisfies Oral Communication for core) or
- COM 21700 - Science Writing And Presentation ♦ (satisfies Oral Communication for core)

- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- Human Cultures: Humanities Selective- Credit Hours: 3.00
- Science, Technology & Society Selective - Credit Hours: 3.00

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

Chemistry or Physics ♦ (7-8 credits) - satisfies Science for core
• CHM 11500 - General Chemistry and
• CHM 11600 - General Chemistry
   OR
• PHYS 17200 - Modern Mechanics or
• PHYS 21800 - General Physics or
• PHYS 22000 - General Physics
   AND
• PHYS 21900 - General Physics II or
• PHYS 22100 - General Physics or
• PHYS 24100 - Electricity And Optics

• ENGL 10600 - First-Year Composition ♦ (satisfies Written Communication for core) or
• ENGL 10800 - Accelerated First-Year Composition ♦ (satisfies Written Communication for core) or
• SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity

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

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

Electives (7 credits)

Management Admissions Index (MAI) Core

Management Admissions Index classes consist of:
• ECON 25100 Microeconomics
• ENGL 10600 First-year Composition or ENGL 10800 Accelerated First-year Composition or SCLA 10100
• MA 16100 Plane Analytic Geometry and Calculus I or MA 16500 Analytic Geometry and Calculus I
• MA 16200 Plane Analytic Geometry and Calculus II or MA 16600 Analytic Geometry and Calculus II
• MGMT 20000 Introductory Accounting
• COM 11400 Fundamentals of Speech Communication or COM 21700 Science Writing & Presentation

Upper Division Requirements: A student must 1) complete all MAI courses with a 2.65 or above MAI GPA AND a 2.40 cumulative GPA 2) have a C- or higher in all MAI AND required Management courses 3) Not be on academic probation.

• University Policy states students may only attempt a course 3 times and grades of W or WF are included in this limit. Per the School of Management, no more than three different MAI courses, or their equivalents, may be taken two times for a grade.
• University Policy states students may only attempt a course 3 times, grades of W or WF are included in this limit. Per the School of Management, no more than three different MAI courses, or their equivalents, may be taken two times for a grade.
• Students are responsible for consulting their advisor about re-take options available to them.
Complete 7-8 hours of Chemistry and/or Physics with a C- or higher prior to admission to Upper Division Industrial Management

Additional Requirements

• International Electives for the School of Management

Optional Concentration for Industrial Management Majors

• Accounting Concentration in School of Management (Optional)
• Data Analytics Concentration in School of Management (Optional)
• Finance Concentration in School of Management (Optional)
• Hospitality and Tourism Management Concentration in School of Management (Optional)
• Innovation Management Concentration in School of Management (Optional)
• International Business Concentration in School of Management (Optional)
• Management Consulting Concentration in School of Management (Optional)
• Management Information Systems Concentration in School of Management (Optional)
• Marketing Concentration in School of Management (Optional)
• Operation & Supply Chain Mgmt Concentration in School of Management (Optional)

University Core Requirements

• Human Cultures Humanities
• Human Cultures Behavioral/Social Science
• Information Literacy
• Science #1
• Science #2
• Science, Technology, and Society
• Written Communication
• Oral Communication
• Quantitative Reasoning

For a complete listing of course selectives, visit the Provost's Website.

Prerequisite Information:

For current pre-requisites for courses, click here.

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 ♦ or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦
- PSY 12000 - Elementary Psychology ♦ or
- SOC 10000 - Introductory Sociology
- CHM or PHYS - Credit Hours: 4.00

15-16 Credits

Spring 1st Year

- MGMT 29500 - Professional Career Management ♦
- MA 16200 - Plane Analytic Geometry And Calculus II ♦ or
- MA 16600 - Analytic Geometry And Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication ♦ or
- COM 21700 - Science Writing And Presentation ♦
- CHM or PHYS - Credit Hours: 4.00
- Human Cultures Humanities Selective - Credit Hours: 3.00

15-16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting ♦
- ECON 25100 - Microeconomics ♦
- MA 26100 - Multivariate Calculus
- CS 23500 - Introduction To Organizational Computing
- Science, Technology & Society Selective for core - Credit Hours: 3.00

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- MGMT 25400 - Legal Foundations Of Business I
- International 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
- CS 18200 - Foundations Of Computer Science

16 Credits

Spring 3rd Year

- CS 18000 - Problem Solving And Object-Oriented Programming
- MGMT 30600 - Management Science
- OBHR 33000 - Introduction To Organizational Behavior
- ECON 30100 - Managerial Economics
- International Elective - Credit Hours: 3.00

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- MGMT 36100 - Operations Management
- CS 24000 - Programming In C
- General Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management
- MGMT 35200 - Strategic Management
- IMCS Elective - Credit Hours: 3.00
- IMCS Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 2.00

15 Credits

Notes

- 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.

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.

Disclaimer

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

The myPurduePlan powered by DegreeWorks is the knowledge source for specific requirements and completion.

Industrial Management/Data Analytics, BSIM

About the Program

Industrial Management students combine rigorous courses from science, technology, engineering and math (STEM) with the Krannert management core to produce strong analytic and technical skills with a business mindset. A dedication to life-long learning - new processes, new technologies, new ways of managing talent and resources - is a hallmark of an Industrial Management major. Specialties range from data analytics to supply chain management to financial engineering.

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 allowed Industrial Management majors to enjoy faster upward mobility within organizations than most other business majors.

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 technical consultants, supply chain analysts, strategic sourcing analysts or software business analysts.

Students may choose from the following concentrations: Data Analytics, 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).

Data analytics is an exciting new concentration that offers Industrial Management students the opportunity to develop the skills of programming with Python, building spread sheet models of uncertain investment projects, acquiring the tools for data mining and building predictive models. This is an incredibly powerful concentration that truly sets a student apart in terms of career prospects.
Degree Requirements

120 Credits Required

Required Major Courses (46 credits)

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 30600 - Management Science
- MGMT 32400 - Marketing Management
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- ECON 25200 - Macroeconomics (satisfies Human Cultures Behavioral/Social Science for core)
- MGMT 20100 - Management Accounting I
- MGMT 20000 - Introductory Accounting ♦
- ECON 25100 - Microeconomics ♦ (satisfies Human Cultures Behavioral/Social Science for core)
- ECON 30100 - Managerial Economics
- MGMT 35200 - Strategic Management

Major Selectives (15 credits)

Choose Four (12 credits)

- MGMT 28800 - Programming For Business Applications
- MGMT 40500 - Six Sigma And Quality Analytics
- MGMT 47200 - Advanced Spreadsheet Modeling And Simulation
- MGMT 47300 - Data Mining
- MGMT 47400 - Predictive Analytics
- MGMT 54400 - Database Management Systems

Choose One (3 credits)

- MGMT 42110 - Marketing Analytics
- MGMT 42500 - Marketing Research
- MGMT 46200 - Advanced Manufacturing Planning And Control Systems
- MGMT 46600 - Project Management
- ECON 36000 - Econometrics
- MGMT 48800 - Data-Driven Decisions In Digital Markets
Other Departmental/Program Course Requirements (48-51 credits)

- CS 23500 - Introduction To Organizational Computing
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- STAT 22500 - Introduction To Probability Models
- COM 11400 - Fundamentals Of Speech Communication ♦ (satisfies Oral Communication for core) or
- COM 21700 - Science Writing And Presentation ♦ (satisfies Oral Communication for core)
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

Chemistry or Physics ♦ (7-8 credits) - satisfies Science for core
- CHM 11500 - General Chemistry and
- CHM 11600 - General Chemistry OR
- PHYS 17200 - Modern Mechanics or
- PHYS 21800 - General Physics or
- PHYS 22000 - General Physics AND
- PHYS 21900 - General Physics II or
- PHYS 22100 - General Physics or
- PHYS 24100 - Electricity And Optics

- ENGL 10600 - First-Year Composition ♦ (satisfies Written Communication for core) or
- ENGL 10800 - Accelerated First-Year Composition ♦ (satisfies Written Communication for core) or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦
- MA 16100 - Plane Analytic Geometry And Calculus I ♦ (satisfies Quantitative Reasoning for core) or
- MA 16500 - Analytic Geometry And Calculus I ♦ (satisfies Quantitative Reasoning for core)
- MA 16200 - Plane Analytic Geometry And Calculus II ♦ (satisfies Quantitative Reasoning for core) or
- MA 16600 - Analytic Geometry And Calculus II ♦ (satisfies Quantitative Reasoning for core)
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- Human Cultures: Humanities Selectives - Credit Hours: 3.00
- Science, Technology, & Society Selectives - Credit Hours: 3.00

Management Admissions Index (MAI) Core

Management Admissions Index classes consist of:

- ECON 25100 Microeconomics
- ENGL 10600 First-year Composition or ENGL 10800 Accelerated First-year Composition or SCLA 10100 Transformative Texts, Critical Thinking and Communication I: Antiquity to Modernity
- MA 16100 Plane Analytic Geometry and Calculus I or MA 16500 Analytic Geometry and Calculus I
- MA 16200 Plane Analytic Geometry and Calculus II or MA 16600 Analytic Geometry and Calculus II
- MGMT 20000 Introductory Accounting
- COM 11400 Fundamentals of Speech Communication or COM 21700 Science Writing & Presentation

Upper Division Requirements: A student must 1) complete all MAI courses with a 2.65 or above MAI GPA AND a 2.40 cumulative GPA 2) have a C- or higher in all MAI AND required Management courses 3) Not be on academic probation.

- University Policy states students may only attempt a course 3 times and grades of W or WF are included in this limit. Per the School of Management, no more than three different MAI courses, or their equivalents, may be taken two times for a grade.
- Students are responsible for consulting their advisor about re-take options available to them.
- Complete 7-8 hours of Chemistry and/or Physics from below list with a C- or higher prior to admission to Upper Division Industrial Management.

Electives (8-11 credits)

University Core Requirements

- Human Cultures Humanities
- Human Cultures Behavioral/Social Science
- Information Literacy
- Science #1
- Science #2
- Science, Technology, and Society
- Written Communication
- Oral Communication
- Quantitative Reasoning

For a complete listing of course selectives, visit the Provost's Website.

Prerequisite Information:

For current pre-requisites for courses, click here.

Additional Requirements

International Electives for the School of Management

Optional Concentration for Industrial Management Majors

- Accounting Concentration in School of Management (Optional)
- Data Analytics Concentration in School of Management (Optional)
- Finance Concentration in School of Management (Optional)
- Hospitality and Tourism Management Concentration in School of Management (Optional)
- Innovation Management Concentration in School of Management (Optional)
- International Business Concentration in School of Management (Optional)
- Management Consulting Concentration in School of Management (Optional)
- Management Information Systems Concentration in School of Management (Optional)
- Marketing Concentration in School of Management (Optional)
- Operation & Supply Chain Mgmt Concentration in School of Management (Optional)

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 ♦ or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦

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

- CHM or PHYS - Credit Hours: 4.00 ♦

15-16 Credits

Spring 1st Year

- MGMT 29500 - Professional Career Management

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

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

- CHM or PHYS - Credit Hours: 4.00 ♦
- Human Cultures Humanities Selective - Credit Hours: 3.00

15-16 Credits

Fall 2nd Year

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

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- MGMT 25400 - Legal Foundations Of Business I
- International 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 IMDA Course - Credit Hours: 3.00

15 Credits

Spring 3rd Year

- MGMT 30600 - Management Science
- OBHR 33000 - Introduction To Organizational Behavior
- ECON 30100 - Managerial Economics
- International Elective - Credit Hours: 3.00
- Required IMDA Course - Credit Hours: 3.00

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- MGMT 36100 - Operations Management
- General Elective - Credit Hours: 3.00 - 4.00
- General Elective - Credit Hours: 3.00 - 4.00
- Required IMDA Course - Credit Hours: 3.00

15-17 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management
- MGMT 35200 - Strategic Management
- IMDA Course - Credit Hours: 3.00
- IMDA Course - Credit Hours: 3.00
- General Elective - Credit Hours: 2.00 - 3.00

14-15 Credits

Notes

- Transfer credit for upper level MGMT, OBHR and ECON 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.
- Information on summer courses is available at www.purdue.edu/thinksummer.
- Refer to MyPurduePlan at www.mypurdue.purdue.edu for degree requirements and current pre-requisites

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.

Disclaimer

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

The myPurduePlan powered by DegreeWorks is the knowledge source for specific requirements and completion.

Industrial Management/Economics Honors, BSIM

About the Program

Industrial Management students combine rigorous courses from science, technology, engineering and math (STEM) with the Krannert management core to produce strong analytic and technical skills with a business mindset. A dedication to life-long learning - new processes, new technologies, new ways of managing talent and resources - is a hallmark of an Industrial Management major. Specialties range from data analytics to supply chain management to financial engineering.
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 allowed Industrial Management majors to enjoy faster upward mobility within organizations than most other business majors.

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 technical consultants, supply chain analysts, strategic sourcing analysts or software business analysts.

Students may choose from the following concentrations: Data Analytics, 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).

Data analytics is an exciting new concentration that offers Industrial Management students the opportunity to develop the skills of programming with Python, building spreadsheet models of uncertain investment projects, acquiring the tools for data mining and building predictive models. This is an incredibly powerful concentration that truly sets a student apart in terms of career prospects.

Industrial Management Website

Degree Requirements

120 Credits Required

Required Major Courses (46 credits)

- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- MGMT 20100 - Management Accounting I
- ECON 25100 - Microeconomics ♦ (satisfies Human Cultures Behavioral/Social Science for core)
- MGMT 20000 - Introductory Accounting ♦
- ECON 30100 - Managerial Economics
- MGMT 35200 - Strategic Management

Major Selectives (15 credits)

- ECON 34000 - Intermediate Microeconomic Theory
- ECON 35200 - Intermediate Macroeconomics
- ECON 36000 - Econometrics
- ECON 49900 - Senior Honors Thesis
- ECON 30000 or 40000 level courses (Excludes ECON 30100) - Credit Hours: 3.00

Other Departmental/Program Course Requirements (49-53 credits)

- CS 23500 - Introduction To Organizational Computing
- ECON 25200 - Macroeconomics *(satisfies Human Cultures Behavioral/Social Science for core)*
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- STAT 22500 - Introduction To Probability Models
- COM 11400 - Fundamentals Of Speech Communication ♦ *(satisfies Oral Communication for core)* or
- COM 21700 - Science Writing And Presentation ♦ *(satisfies Oral Communication for core)*
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- Human Cultures: Humanities Selective - Credit Hours: 3.00
- Science, Technology & Society Selective- Credit Hours: 3.00
  - Chemistry or Physics ♦ (7-8 credits) - satisfies Science for core
    - CHM 11500 - General Chemistry and
    - CHM 11600 - General Chemistry OR
    - PHYS 17200 - Modern Mechanics or
    - PHYS 21800 - General Physics or
    - PHYS 22000 - General Physics AND
    - PHYS 21900 - General Physics II or
    - PHYS 22100 - General Physics or
    - PHYS 24100 - Electricity And Optics
- ENGL 10600 - First-Year Composition ♦ *(satisfies Written Communication for core)* or
- ENGL 10800 - Accelerated First-Year Composition ♦ *(satisfies Written Communication for core)* or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity
- MA 16100 - Plane Analytic Geometry And Calculus I ♦ *(satisfies Quantitative Reasoning for core)* or
- MA 16500 - Analytic Geometry And Calculus I ♦ *(satisfies Quantitative Reasoning for core)*
- MA 16200 - Plane Analytic Geometry And Calculus II ♦ *(satisfies Quantitative Reasoning for core)* or
- MA 16600 - Analytic Geometry And Calculus II ♦ *(satisfies Quantitative Reasoning for core)*

Electives (6-10 credits)

Management Admissions Index (MAI) Core Requirements

Management Admissions Index classes consist of:
- ECON 25100 Microeconomics
- ENGL 10600 First-year Composition or ENGL 10800 Accelerated First-year Composition or SCLA 10100 Transformative Texts, Critical Thinking and Communication: Antiquity to Modernity
- MA 16100 Plane Analytic Geometry and Calculus I OR MA 16500 Analytic Geometry and Calculus I
- MA 16200 Plane Analytic Geometry and Calculus II OR MA 16600 Analytic Geometry and Calculus II
- MGMT 20000 Introductory Accounting
- COM 11400 Fundamentals of Speech Communication OR COM 21700 Science Writing & Presentation

Upper Division Requirements: A student must 1) complete all MAI courses with a 2.65 or above MAI GPA AND a 2.40 cumulative GPA 2) have a C- or higher in all MAI AND required Management courses 3) Not be on academic probation.

- University Policy states students may only attempt a course 3 times and grades of W or WF are included in this limit. Per the School of Management, no more than three different MAI courses, or their equivalents, may be taken two times for a grade.
- School of Management, MAI, and concentration courses with grades of "F" cannot be replaced by a transfer course.
- Complete 7-8 hours of Chemistry and/or Physics from below list with a C- or higher prior to admission to Upper Division Industrial Management.

Additional Requirements

International Electives for the School of Management

Optional Concentration for Industrial Management Majors

- Accounting Concentration in School of Management (Optional)
- Data Analytics Concentration in School of Management (Optional)
- Finance Concentration in School of Management (Optional)
- Hospitality and Tourism Management Concentration in School of Management (Optional)
- Innovation Management Concentration in School of Management (Optional)
- International Business Concentration in School of Management (Optional)
- Management Consulting Concentration in School of Management (Optional)
- Management Information Systems Concentration in School of Management (Optional)
- Marketing Concentration in School of Management (Optional)
- Operation & Supply Chain Mgmt Concentration in School of Management (Optional)

University Core Requirements

- Human Cultures Humanities
- Human Cultures Behavioral/Social Science
- Information Literacy
- Science #1
- Science #2
- Science, Technology, and Society
- Written Communication
- Oral Communication
- Quantitative Reasoning

For a complete listing of course selectives, visit the Provost's Website.
Prerequisite Information:

For current pre-requisites for courses, click here.

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 ♦ or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

- CHM or PHYS - Credit Hours: 4.00
15-16 Credits

Spring 1st Year

- MGMT 29500 - Professional Career Management
- MA 16200 - Plane Analytic Geometry And Calculus II ♦ or
- MA 16600 - Analytic Geometry And Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication ♦ or
- COM 21700 - Science Writing And Presentation ♦

- CHM or PHYS - Credit Hours: 4.00
- Human Cultures Humanities Selective - Credit Hours: 3.00
15-16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting ♦
- ECON 25100 - Microeconomics ♦
- MA 26100 - Multivariate Calculus
- CS 23500 - Introduction To Organizational Computing
- Science, Technology & Society Selective - Credit Hours: 3.00
16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- MGMT 25400 - Legal Foundations Of Business I
- International 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 ECON Course - Credit Hours: 3.00

15 Credits

Spring 3rd Year

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30600 - Management Science
- ECON 30100 - Managerial Economics
- Required ECON Course - Credit Hours 3.00
- International Elective - Credit Hours: 3.00

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- MGMT 36100 - Operations Management
- Required ECON Course - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management
- MGMT 35200 - Strategic Management
- Required ECON Course - Credit Hours 3.00
- Required ECON Course - Credit Hours 3.00
- General Elective - Credit Hours 3.00

14 Credits

Notes

- 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).
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- Refer to MyPurduePlan at www.mypurdue.purdue.edu for degree requirements and current pre-requisites

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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.

Disclaimer

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

The myPurduePlan powered by DegreeWorks is the knowledge source for specific requirements and completion.

Industrial Management/Economics, BSIM

About the Program

Industrial Management students combine rigorous courses from science, technology, engineering and math (STEM) with the Kranert management core to produce strong analytic and technical skills with a business mindset. A dedication to life-long learning - new processes, new technologies, new ways of managing talent and resources - is a hallmark of an Industrial Management major. Specialties range from data analytics to supply chain management to financial engineering.
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 allowed Industrial Management majors to enjoy faster upward mobility within organizations than most other business majors.

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 technical consultants, supply chain analysts, strategic sourcing analysts or software business analysts.

Students may choose from the following concentrations: Data Analytics, 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).

Data analytics is an exciting new concentration that offers Industrial Management students the opportunity to develop the skills of programming with Python, building spread sheet models of uncertain investment projects, acquiring the tools for data mining and building predictive models. This is an incredibly powerful concentration that truly sets a student apart in terms of career prospects.

Industrial Management Website

## Degree Requirements

### 120 Credits Required

#### Required Major Upper Division Courses (46 credits)

- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- ECON 25200 - Macroeconomics *(satisfies Human Cultures Behavioral/Social Science for core)*
- MGMT 20100 - Management Accounting I
- ECON 25100 - Microeconomics ♦ *(satisfies Human Cultures Behavioral/Social Science for core)*
- MGMT 20000 - Introductory Accounting ♦
- MGMT 35200 - Strategic Management
- ECON 30100 - Managerial Economics

#### Major Selectives (15 credits)

- ECON 34000 - Intermediate Microeconomic Theory
- ECON 35200 - Intermediate Macroeconomics
- ECON 30000 or 40000 level courses - Credit Hours: 3.00 (Exclude ECON 30100)
- ECON 30000 or 40000 level courses - Credit Hours: 3.00 (Exclude ECON 30100)
- ECON 30000 or 40000 level courses - Credit Hours: 3.00 (Exclude ECON 30100)

**Other Departmental/Program Course Requirements (49-53 credits)**

- CS 23500 - Introduction To Organizational Computing
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- STAT 22500 - Introduction To Probability Models
- COM 11400 - Fundamentals Of Speech Communication ♦ *(satisfies Oral Communication for core)* or
- COM 21700 - Science Writing And Presentation ♦ *(satisfies Oral Communication for core)*
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- International Elective - Credit Hours: 3.00
- Human Cultures: Humanities Selective - Credit Hours: 3.00
- Science, Technology & Society Selective - Credit Hours: 3.00
- Chemistry or Physics ♦ *(7-8 credits) - satisfies Science for core*
- CHM 11500 - General Chemistry and
- CHM 11600 - General Chemistry OR
- PHYS 17200 - Modern Mechanics OR
- PHYS 21800 - General Physics OR
- PHYS 22000 - General Physics AND
- PHYS 21900 - General Physics II or
- PHYS 22100 - General Physics or
- PHYS 24100 - Electricity And Optics
- ENGL 10600 - First-Year Composition ♦ *(satisfies Written Communication for core)* or
- ENGL 10800 - Accelerated First-Year Composition ♦ *(satisfies Written Communication for core)* or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity
- MA 16100 - Plane Analytic Geometry And Calculus I ♦ *(satisfies Quantitative Reasoning for core)* or
- MA 16500 - Analytic Geometry And Calculus I ♦ *(satisfies Quantitative Reasoning for core)*
- MA 16200 - Plane Analytic Geometry And Calculus II ♦ *(satisfies Quantitative Reasoning for core)* or
- MA 16600 - Analytic Geometry And Calculus II ♦ *(satisfies Quantitative Reasoning for core)*

**Electives (6-10 credits)**

**Management Admissions Index (MAI) Core Requirements**

*Management Admissions Index classes consist of:*
ECON 25100 Microeconomics
ENGL 10600 First-year Composition or ENGL 10800 Accelerated First-year Composition or SCLA 10100
Transformative Texts, Critical Thinking and Communication I: Antiquity to Modernity
MA 16100 Plane Analytic Geometry and Calculus I or MA 16500 Analytic Geometry and Calculus I
MA 16200 Plane Analytic Geometry and Calculus II or MA 16600 Analytic Geometry and Calculus II
MGMT 20000 Introductory Accounting
COM 11400 Fundamentals of Speech Communication or COM 21700 Science Writing & Presentation

Upper Division Requirements: A student must 1) complete all MAI courses with a 2.65 or above MAI GPA AND a 2.40 cumulative GPA 2) have a C- or higher in all MAI AND required Management courses 3) Not be on academic probation.

• University Policy states students may only attempt a course 3 times and grades of W or WF are included in this limit. Per the School of Management, no more than three different MAI courses, or their equivalents, may be taken two times for a grade.
• School of Management, MAI, and concentration courses with grades of "F" cannot be replaced by a transfer course.
• Complete 7-8 hours of Chemistry and/or Physics from below list with a C- or higher prior to admission to Upper Division Industrial Management.

Additional Requirements

International Electives for the School of Management

Optional Concentration for Industrial Management Majors

• Accounting Concentration in School of Management (Optional)
• Data Analytics Concentration in School of Management (Optional)
• Finance Concentration in School of Management (Optional)
• Hospitality and Tourism Management Concentration in School of Management (Optional)
• Innovation Management Concentration in School of Management (Optional)
• International Business Concentration in School of Management (Optional)
• Management Consulting Concentration in School of Management (Optional)
• Management Information Systems Concentration in School of Management (Optional)
• Marketing Concentration in School of Management (Optional)
• Operation & Supply Chain Mgmt Concentration in School of Management (Optional)

University Core Requirements

• Human Cultures Humanities
• Human Cultures Behavioral/Social Science
• Information Literacy
• Science #1
• Science #2
• Science, Technology, and Society
• Written Communication
• Oral Communication
• Quantitative Reasoning

For a complete listing of course selectives, visit the Provost's Website.
Prerequisite Information:

For current pre-requisites for courses, click here.

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 ♦ or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- CHM or PHYS - Credit Hours: 4.00

15-16 Credits

Spring 1st Year

- MGMT 29500 - Professional Career Management
- MA 16200 - Plane Analytic Geometry And Calculus II ♦ or
- MA 16600 - Analytic Geometry And Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication ♦ or
- COM 21700 - Science Writing And Presentation ♦
- CHM or PHYS - Credit Hours: 4.00
- Human Cultures Humanities Selective - Credit Hours: 3.00

15-16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting ♦
- ECON 25100 - Microeconomics ♦
- MA 26100 - Multivariate Calculus
- CS 23500 - Introduction To Organizational Computing
- Science, Technology & Society Selective - Credit Hours: 3.00
15 Credits

Spring 2nd Year

- ECON 25200 - Macroeconomics
- MGMT 20100 - Management Accounting I
- MGMT 25400 - Legal Foundations Of Business I
- STAT 22500 - Introduction To Probability Models
- International 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 IM/ECON Course - Credit Hours: 3.00

15 Credits

Spring 3rd Year

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30600 - Management Science
- ECON 30100 - Managerial Economics
- Required IM/ECON Course - Credit Hours: 3.00
  International Elective - Credit Hours: 3.00

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- MGMT 36100 - Operations Management
- General Elective - Credit Hours: 3.00
- Required IM/ECON Course - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management
• MGMT 35200 - Strategic Management
• Required IM/ECON Course - Credit Hours: 3.00
• Required IM/ECON Course - Credit Hours: 3.00
• General Elective- Credit Hours 2.00

14 Credits

Notes

• Transfer credit for upper level MGMT, OBHR and ECON 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.
• Information on summer courses is available at www.purdue.edu/thinksummer.
• Refer to MyPurduePlan at www.mypurdue.purdue.edu for degree requirements and current pre-requisites

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.

Disclaimer

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

The myPurduePlan powered by DegreeWorks is the knowledge source for specific requirements and completion.

Industrial Management/Engineering, BSIM

About the Program

Industrial Management students combine rigorous courses from science, technology, engineering and math (STEM) with the Krannert management core to produce strong analytic and technical skills with a business mindset. A dedication to life-long learning - new processes, new technologies, new ways of managing talent and resources - is a hallmark of an Industrial Management major. Specialties range from data analytics to supply chain management to financial engineering.
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Students may choose from the following concentrations: Data Analytics, 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).

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Industrial Management Website

Degree Requirements

120 Credits Required

Required Major Courses (46 credits)

- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- ECON 25200 - Macroeconomics (satisfies Human Cultures Behavioral/Social Science for core)
- ECON 25100 - Microeconomics ♦ (satisfies Human Cultures Behavioral/Social Science for core)
- MGMT 20000 - Introductory Accounting ♦
- ECON 30100 - Managerial Economics
- MGMT 35200 - Strategic Management
- MGMT 20100 - Management Accounting I

Major Selectives - Choose Five (15 credits)

- IE 38600 - Work Analysis And Design I
- IE 53000 - Quality Control
- IE 53300 - Industrial Applications Of Statistics
• IE 54500 - Engineering Economic Analysis
• IE 54600 - Economic Decisions In Engineering
• IE 55600 - Job Design
• IE 55800 - Safety Engineering
• IE 57700 - Human Factors In Engineering
• IE 59000 - Topics In Industrial Engineering

Other Departmental/Program Course Requirements (48-52 credits)

• CS 23500 - Introduction To Organizational Computing
• ENGL 42000 - Business Writing
• MA 26100 - Multivariate Calculus
• STAT 22500 - Introduction To Probability Models

• COM 11400 - Fundamentals Of Speech Communication ♦ (satisfies Oral Communication for core) or
• COM 21700 - Science Writing And Presentation ♦ (satisfies Oral Communication for core)

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

• International Elective - Credit Hours: 3.00
• Human Cultures: Humanities Selective - Credit Hours: 3.00
• Science, Technology & Society Selective - Credit Hours: 3.00

Chemistry or Physics ♦ (7-8 credits) satisfies Science for core
• CHM 11500 - General Chemistry and
• CHM 11600 - General Chemistry
OR
• PHYS 17200 - Modern Mechanics or
• PHYS 21800 - General Physics or
• PHYS 22000 - General Physics
AND
• PHYS 21900 - General Physics II or
• PHYS 22100 - General Physics or
• PHYS 24100 - Electricity And Optics

• ENGL 10600 - First-Year Composition ♦ (satisfies Written Communication for core) or
• ENGL 10800 - Accelerated First-Year Composition ♦ (satisfies Written Communication for core) or
• SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦

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

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

Electives (7-11 credits)
Management Admissions Index (MAI) Core

Management Admissions Index classes consist of:

- ECON 25100 Microeconomics
- ENGL 10600 First-year Composition OR ENGL 10800 Accelerated First-year Composition OR SCLA 10100 Transformative Texts, Critical Thinking and Communication: Antiquity to Modernity
- MA 16100 Plane Analytic Geometry and Calculus I OR MA 16500 Analytic Geometry and Calculus I
- MA 16200 Plane Analytic Geometry and Calculus II OR MA 16600 Analytic Geometry and Calculus II
- MGMT 20000 Introductory Accounting
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- Students are responsible for consulting their advisor about re-take options available to them.
- Complete 7-8 hours of Chemistry and/or Physics with a C- or higher prior to admission to Upper Division Industrial Management.

Additional Requirements

International Electives for the School of Management

Optional Concentration for Industrial Management Majors

- Accounting Concentration in School of Management (Optional)
- Data Analytics Concentration in School of Management (Optional)
- Finance Concentration in School of Management (Optional)
- Hospitality and Tourism Management Concentration in School of Management (Optional)
- Innovation Management Concentration in School of Management (Optional)
- International Business Concentration in School of Management (Optional)
- Management Consulting Concentration in School of Management (Optional)
- Management Information Systems Concentration in School of Management (Optional)
- Marketing Concentration in School of Management (Optional)
- Operation & Supply Chain Mgmt Concentration in School of Management (Optional)

University Core Requirements

- Human Cultures Humanities
- Human Cultures Behavioral/Social Science
- Information Literacy
- Science #1
- Science #2
Science, Technology, and Society  
Written Communication  
Oral Communication  
Quantitative Reasoning  
For a complete listing of course selectives, visit the Provost's Website.

Prerequisite Information:

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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 ♦ or  
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦  
- PSY 12000 - Elementary Psychology or  
- SOC 10000 - Introductory Sociology  
- CHM or PHYS ♦ - Credit Hours: 4.00  

15-16 Credits

Spring 1st Year

- MGMT 29500 - Professional Career Management  
- MA 16200 - Plane Analytic Geometry And Calculus II ♦ or  
- MA 16600 - Analytic Geometry And Calculus II ♦  
- COM 11400 - Fundamentals Of Speech Communication ♦ or  
- COM 21700 - Science Writing And Presentation ♦  
- CHM or PHYS ♦ - Credit Hours: 4.00  
- Human Cultures Humanities Selective- Credit Hours: 3.00  

15-16 Credits

Fall 2nd Year
MGMT 20000 - Introductory Accounting
ECON 25100 - Microeconomics
MA 26100 - Multivariate Calculus
CS 23500 - Introduction To Organizational Computing
Science, Technology & Society Selective - Credit Hours: 3.00

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- MGMT 25400 - Legal Foundations Of Business I
- International 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 Engineering Course - Credit Hours: 3.00

15 Credits

Spring 3rd Year

- ECON 30100 - Managerial Economics
- MGMT 30600 - Management Science
- OBHR 33000 - Introduction To Organizational Behavior
- International Elective - Credit Hours: 3.00
- Required Engineering Course - Credit Hours: 3.00

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- MGMT 36100 - Operations Management
- Required Engineering Course - Credit Hours: 3.00
- General Elective - 3.0 credit hours
- General Elective - 3.0 credit hours
15 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management
- MGMT 35200 - Strategic Management
- Required Engineering Course - Credit Hours: 3.00
- Required Engineering Course - Credit Hours: 3.00
- General Elective - Credit Hours: 2.00

14 Credits

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Industrial Management/Financial Engineering, BSIM

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Industrial Management Website

Degree Requirements

120 Credits Required

Required Major Courses (45 credits)

- MGMT 20000 - Introductory Accounting
- MGMT 20100 - Management Accounting I
- 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
- OBHR 33000 - Introduction To Organizational Behavior
- ECON 25100 - Microeconomics (satisfies Human Cultures Behavioral/Social Science for core)
- ECON 25200 - Macroeconomics (satisfies Human Cultures Behavioral/Social Science for core)
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- MGMT 35200 - Strategic Management

- MGMT 30600 - Management Science or
- MGMT 47200 - Advanced Spreadsheet Modeling And Simulation or
- ECON 36000 - Econometrics
- ECON 34000 - Intermediate Microeconomic Theory or
- ECON 38000 - Money And Banking or
- ECON 51100 - Intermediate Economics I

Major Selectives - Choose Five (15 credits)

- MGMT 41100 - Investment Management
- MGMT 41150 - Futures And Options
- MGMT 41200 - Financial Institutions And Markets
- MGMT 41250 - Fixed Income Securities
- MGMT 41300 - Corporate Finance
- MGMT 41350 - Venture Capital And Entrepreneurial Finance
- MGMT 41500 - International Financial Management
- MGMT 47200 - Advanced Spreadsheet Modeling And Simulation
- MGMT 47400 - Predictive Analytics
- ECON 51100 - Intermediate Economics I
- ECON 36000 - Econometrics
- 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
- MGMT 41310 - Financial Data Analysis And Modeling
- MGMT 61400 - Investments
- MGMT 64200 - Portfolio Management
- MGMT 64300 - Financial Risk Management
- MGMT 69000 - Advanced Problems In Management - Financial Engineering (Summer Only)

Other Departmental/Program Course Requirements (66-69 credits)

- CS 23500 - Introduction To Organizational Computing
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- STAT 22500 - Introduction To Probability Models

- COM 11400 - Fundamentals Of Speech Communication ♦ (satisfies Oral Communication for core) or
- COM 21700 - Science Writing And Presentation ♦ (satisfies Oral Communication for core)

- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- Human Cultures: Humanities Selective - Credit Hours: 3.00
- Science, Technology & Society Selective - Credit Hours: 3.00

- ENGL 10600 - First-Year Composition ♦ (satisfies Written Communication for core) or
- ENGL 10800 - Accelerated First-Year Composition ♦ (satisfies Written Communication for core) or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity
- MA 16100 - Plane Analytic Geometry And Calculus I ♦ (satisfies Quantitative Reasoning for core) or
- MA 16500 - Analytic Geometry And Calculus I ♦ (satisfies Quantitative Reasoning for core)
- MA 16200 - Plane Analytic Geometry And Calculus II ♦ (satisfies Quantitative Reasoning for core) or
- MA 16600 - Analytic Geometry And Calculus II ♦ (satisfies Quantitative Reasoning for core)
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- Human Cultures: Humanities Selective - Credit Hours: 3.00
- Science, Technology & Society Selective - Credit Hours: 3.00

Chemistry or Physics ♦ (7-8 credits) - satisfies Science for core
- CHM 11500 - General Chemistry
- CHM 11600 - General Chemistry OR
- PHYS 17200 - Modern Mechanics or
- PHYS 21800 - General Physics or
- PHYS 22000 - General Physics AND
- PHYS 21900 - General Physics II or
- PHYS 22100 - General Physics or
- PHYS 24100 - Electricity And Optics

Electives (6-9 credits)

Management Admissions Index (MAI) Core

MAI (Management Admission Index) courses consist of:

- ECON 25100 Microeconomic
- ENGL 10600 First-Year Composition OR ENGL 10800 Accelerated First-year Composition OR SCLA 10100 Transformative Texts, Critical Thinking & Communication I: Antiquity to Modernity
- MA 16100 Plane Analytic Geometry & Calculus I OR MA 16500 Analytical Geometry & Calculus I
- MA 16200 Plane Analytic Geometry & Calculus II OR MA 16600 Analytical Geometry & Calculus II
- MGMT 20000 Introductory Accounting
- COM 11400 Fundamentals of Speech Communication or COM 21700 Science Writing & Presentation

Upper Division Requirements: A student must 1) complete all MAI courses with a 2.65 or above MAI GPA AND a 2.40 cumulative GPA 2) have a C- or higher in all MAI AND required Management courses 3) Not be on academic probation.

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Students are responsible for consulting their advisor about re-take options available to them.

Complete 7-8 hours of Chemistry and/or Physics from below list with a C- or higher prior to admission to Upper Division Industrial Management.

Additional Requirements

International Electives for the School of Management

Optional Concentration for Industrial Management Majors

- Accounting Concentration in School of Management (Optional)
- Data Analytics Concentration in School of Management (Optional)
- Finance Concentration in School of Management (Optional)
- Hospitality and Tourism Management Concentration in School of Management (Optional)
- Innovation Management Concentration in School of Management (Optional)
- International Business Concentration in School of Management (Optional)
- Management Consulting Concentration in School of Management (Optional)
- Management Information Systems Concentration in School of Management (Optional)
- Marketing Concentration in School of Management (Optional)
- Operation & Supply Chain Mgmt Concentration in School of Management (Optional)

University Core Requirements

- Human Cultures Humanities
- Human Cultures Behavioral/Social Science
- Information Literacy
- Science #1
- Science #2
- Science, Technology, and Society
- Written Communication
- Oral Communication
- Quantitative Reasoning

For a complete listing of course selectives, visit the Provost's Website.

Prerequisite Information:

For current pre-requisites for courses, click here.

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 • or
SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity

PSY 12000 - Elementary Psychology •
SOC 10000 - Introductory Sociology

CHM or PHYS • - Credit Hours: 4.00

15-16 Credits

Spring 1st Year

- MGMT 29500 - Professional Career Management
- MA 16200 - Plane Analytic Geometry And Calculus II • or
- MA 16600 - Analytic Geometry And Calculus II •
- COM 11400 - Fundamentals Of Speech Communication • or
- COM 21700 - Science Writing And Presentation •
- CHM or PHYS • - Credit Hours: 4.00
- Human Cultures Humanities Selective - Credit Hours: 3.00

15-16 Credits

Fall 2nd Year

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

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- MGMT 25400 - Legal Foundations Of Business I •
- International 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 IMFE Course - Credit Hours: 3.00

15 Credits

Spring 3rd Year

- MGMT 30600 - Management Science
- OBHR 33000 - Introduction To Organizational Behavior
- ECON 34000 - Intermediate Microeconomic Theory or
  ECON 38000 - Money And Banking or
  ECON 51100 - Intermediate Economics I
- Required IMFE Course - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- MGMT 36100 - Operations Management
- Required IMFE Course - Credit Hours: 3.00
- Required IMFE Course - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management
- MGMT 35200 - Strategic Management
- Required IMFE Courses - Credit Hours: 3.00
- Required IMFE Courses - Credit Hours: 3.00
- General Elective - Credit Hours 3.00

14 Credits

Notes
Transfer credit for upper level MGMT, OBHR and ECON courses will only be considered if taken at a 4 year AACSB accredited school. 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.

Information on summer courses is available at www.purdue.edu/thinksummer.

Refer to MyPurduePlan at www.mypurdue.purdue.edu for degree requirements and current pre-requisites.

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.

Disclaimer

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

The myPurduePlan powered by DegreeWorks is the knowledge source for specific requirements and completion.

Industrial Management/Management Information Systems, BSIM

About the Program

Industrial Management students combine rigorous courses from science, technology, engineering and math (STEM) with the Krannert management core to produce strong analytic and technical skills with a business mindset. A dedication to life-long learning - new processes, new technologies, new ways of managing talent and resources - is a hallmark of an Industrial Management major. Specialties range from data analytics to supply chain management to financial engineering.

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 allowed Industrial Management majors to enjoy faster upward mobility within organizations than most other business majors.

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 technical consultants, supply chain analysts, strategic sourcing analysts or software business analysts.

Students may choose from the following concentrations: Data Analytics, 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).
Data analytics is an exciting new concentration that offers Industrial Management students the opportunity to develop the skills of programming with Python, building spreadsheet models of uncertain investment projects, acquiring the tools for data mining and building predictive models. This is an incredibly powerful concentration that truly sets a student apart in terms of career prospects.

Industrial Management Website

Degree Requirements

120 Credits Required

Required Major Courses (46 credits)

- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- MGMT 20100 - Management Accounting I
- ECON 25100 - Microeconomics ♦ (satisfies Human Cultures Behavioral/Social Science for core)
- MGMT 20000 - Introductory Accounting ♦
- ECON 25200 - Macroeconomics (satisfies Human Cultures Behavioral/Social Science for core)
- MGMT 35200 - Strategic Management
- ECON 30100 - Managerial Economics

Major Selectives (15 credits)

- MGMT 28800 - Programming For Business Applications
- MGMT 54400 - Database Management Systems
- MGMT 54500 - Systems Development
- MGMT 54700 - Computer Communications Systems
- MGMT 48800 - Data-Driven Decisions In Digital Markets

Other Departmental/Program Course Requirements (48-53 credits)

- CS 23500 - Introduction To Organizational Computing
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- STAT 22500 - Introduction To Probability Models
- COM 11400 - Fundamentals Of Speech Communication ♦ (satisfies Oral Communication for core) or
- COM 21700 - Science Writing And Presentation (satisfies Oral Communication for core)
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- International Elective - Credit Hours: 3.00
- Human Cultures: Humanities Selective - Credit Hours: 3.00
- Science, Technology & Society Selective- Credit Hours: 3.00
- **Chemistry or Physics** (7-8 credits) - satisfies Science for core
  - CHM 11500 - General Chemistry and
  - CHM 11600 - General Chemistry OR
  - PHYS 17200 - Modern Mechanics or
  - PHYS 21800 - General Physics or
  - PHYS 22000 - General Physics AND
  - PHYS 21900 - General Physics II or
  - PHYS 22100 - General Physics or
  - PHYS 24100 - Electricity And Optics
- ENGL 10600 - First-Year Composition (satisfies Written Communication for core) or
- ENGL 10800 - Accelerated First-Year Composition (satisfies Written Communication for core) or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity
- MA 16100 - Plane Analytic Geometry And Calculus I (satisfies Quantitative Reasoning for core) or
- MA 16500 - Analytic Geometry And Calculus I (satisfies Quantitative Reasoning for core)
- MA 16200 - Plane Analytic Geometry And Calculus II (satisfies Quantitative Reasoning for core) or
- MA 16600 - Analytic Geometry And Calculus II (satisfies Quantitative Reasoning for core)

Management Admissions Index (MAI) Core

Management Admissions Index classes consist of:

- ECON 25100 Microeconomics
- ENGL 10600 First-year Composition or ENGL 10800 Accelerated First-year Composition or SCLA 10100 Transformative Texts, Critical Thinking and Communication I: Antiquity To Modernity
- MA 16100 Plane Analytic Geometry and Calculus I or MA 16500 Analytic Geometry and Calculus I
- MA 16200 Plane Analytic Geometry and Calculus II or MA 16600 Analytic Geometry and Calculus II
- MGMT 20000 Introductory Accounting
- COM 11400 Fundamentals of Speech Communication or COM 21700 Science Writing & Presentation

Upper Division Requirements: A student must 1) complete all MAI courses with a 2.65 or above MAI GPA AND a 2.40 cumulative GPA 2) have a C- or higher in all MAI AND required Management courses 3) Not be on academic probation.
• University Policy states students may only attempt a course 3 times and grades of W or WF are included in this limit. Per the School of Management, no more than three different MAI courses, or their equivalents, may be taken two times for a grade.
• Students are responsible for consulting their advisor about re-take options available to them.
• Complete 7-8 hours of Chemistry and/or Physics with a C- or higher prior to admission to Upper Division Industrial Management.

Electives (6-11 credits)

Additional Requirements

International Electives for the School of Management

Optional Concentration for Industrial Management Majors

• Accounting Concentration in School of Management (Optional)
• Data Analytics Concentration in School of Management (Optional)
• Finance Concentration in School of Management (Optional)
• Hospitality and Tourism Management Concentration in School of Management (Optional)
• Innovation Management Concentration in School of Management (Optional)
• International Business Concentration in School of Management (Optional)
• Management Consulting Concentration in School of Management (Optional)
• Management Information Systems Concentration in School of Management (Optional)
• Marketing Concentration in School of Management (Optional)
• Operation & Supply Chain Mgmt Concentration in School of Management (Optional)

University Core Requirements

• Human Cultures Humanities
• Human Cultures Behavioral/Social Science
• Information Literacy
• Science #1
• Science #2
• Science, Technology, and Society
• Written Communication
• Oral Communication
• Quantitative Reasoning
  For a complete listing of course selectives, visit the Provost's Website.

Prerequisite Information:

For current pre-requisites for courses, click here.

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 ♦ or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- CHM or PHYS ♦ - Credit Hours: 4.00

15-16 Credits

Spring 1st Year

- MGMT 29500 - Professional Career Management
- MA 16200 - Plane Analytic Geometry And Calculus II ♦ or
- MA 16600 - Analytic Geometry And Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication ♦ or
- COM 21700 - Science Writing And Presentation ♦
- CHM or PHYS ♦ - Credit Hours: 4.00
- Human Cultures Humanities Selective - Credit Hours: 3.00

15-16 Credits

Fall 2nd Year

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

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- MGMT 25400 - Legal Foundations Of Business I
- International 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
- MGMT 38200 - Management Information Systems

15 Credits

**Spring 3rd Year**

- MGMT 28800 - Programming For Business Applications
- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30600 - Management Science
- ECON 30100 - Managerial Economics
- International Elective - Credit Hours: 3.00

15 Credits

**Fall 4th Year**

- MGMT 36100 - Operations Management
- MGMT 54400 - Database Management Systems
- MGMT 54700 - Computer Communications Systems
- General Elective - 3.00 credit hours
- General Elective - 3.00 credit hours

15-17 Credits

**Spring 4th Year**

- MGMT 44428 - Human Resources Management
- MGMT 35200 - Strategic Management
- MGMT 48800 - Data-Driven Decisions In Digital Markets
- MGMT 54500 - Systems Development
- General Elective - Credit Hours: 2.00

14-15 Credits
Notes

- Transfer credit for upper level MGMT, OBHR and ECON 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.
- Information on summer courses is available at www.purdue.edu/thinksummer.
- Refer to MyPurduePlan at www.mypurdue.purdue.edu for degree requirements and current pre-requisites

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.

Disclaimer

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

The myPurduePlan powered by DegreeWorks is the knowledge source for specific requirements and completion.

Industrial Management/Manufacturing and Service Operations, BSIM

About the Program

Industrial Management students combine rigorous courses from science, technology, engineering and math (STEM) with the Krannert management core to produce strong analytic and technical skills with a business mindset. A dedication to life-long learning - new processes, new technologies, new ways of managing talent and resources - is a hallmark of an Industrial Management major. Specialties range from data analytics to supply chain management to financial engineering.

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 allowed Industrial Management majors to enjoy faster upward mobility within organizations than most other business majors.

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 technical consultants, supply chain analysts, strategic sourcing analysts or software business analysts.
Students may choose from the following concentrations: Data Analytics, 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).

Data analytics is an exciting new concentration that offers Industrial Management students the opportunity to develop the skills of programming with Python, building spreadsheet models of uncertain investment projects, acquiring the tools for data mining and building predictive models. This is an incredibly powerful concentration that truly sets a student apart in terms of career prospects.

Industrial Management Website

Degree Requirements

120 Credits Required

Required Major Courses (46 credits)

- ECON 30100 - Managerial Economics
- ECON 25100 - Microeconomics ♦ (satisfies Human Cultures Behavioral/Social Science for core)
- ECON 25200 - Macroeconomics ♦ (satisfies Human Cultures Behavioral/Social Science for core)
- MGMT 20000 - Introductory Accounting
- MGMT 20100 - Management Accounting I ♦
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35200 - Strategic Management
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- OBHR 33000 - Introduction To Organizational Behavior

Major Selectives (15 credits)

Required courses (9 credits)

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

Choose Two (6 credits)

- MFET 40000 - Computer Integrated Manufacturing
Other Departmental/Program Course Requirements (48-53 credits)

- COM 11400 - Fundamentals Of Speech Communication ♦ *(satisfies Oral Communication for core)* or
- COM 21700 - Science Writing And Presentation ♦ *(satisfies Oral Communication for core)*

- CS 23500 - Introduction To Organizational Computing
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- 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
- Human Cultures: Humanities Selective- Credit Hours: 3.00
- Science, Technology & Society Selective- Credit Hours: 3.00

*Chemistry or Physics* ♦ *(7-8 credits) - satisfies Science for core*

- CHM 11500 - General Chemistry and
- CHM 11600 - General Chemistry OR
- PHYS 17200 - Modern Mechanics or
- PHYS 21800 - General Physics or
- PHYS 22000 - General Physics AND
- PHYS 21900 - General Physics II or
- PHYS 22100 - General Physics or
- PHYS 24100 - Electricity And Optics

- ENGL 10600 - First-Year Composition ♦ *(satisfies Written Communication for core)* or
- ENGL 10800 - Accelerated First-Year Composition ♦ *(satisfies Written Communication for core)* or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦

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

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

Electives (6-11 credits)

Management Admissions Index (MAI) Core
Management Admissions Index classes consist of:

- ECON 25100 Microeconomics
- ENGL 10600 First-year Composition OR ENGL 10800 Accelerated First-year Composition OR SCLA 10100 Transformative Texts, Critical Thinking and Communication: Antiquity to Modernity
- MA 16100 Plane Analytic Geometry and Calculus I OR MA 16500 Analytic Geometry and Calculus I
- MA 16200 Plane Analytic Geometry and Calculus II OR MA 16600 Analytic Geometry and Calculus II
- MGMT 20000 Introductory Accounting
- COM 11400 Fundamentals of Speech Communication or COM 21700 Science Writing & Presentation

Upper Division Requirements: A student must 1) complete all MAI courses with a 2.65 or above MAI GPA AND a 2.40 cumulative GPA 2) have a C- or higher in all MAI AND required Management courses 3) Not be on academic probation.

- University Policy states students may only attempt a course 3 times and grades of W or WF are included in this limit. Per the School of Management, no more than three different MAI courses, or their equivalents, may be taken two times for a grade.
- Students are responsible for consulting their advisor about re-take options available to them.
- Complete 7-8 hours of Chemistry and/or Physics with a C- or higher prior to admission to Upper Division Industrial Management.

Additional Requirements

International Electives for the School of Management

Optional Concentration for Industrial Management Majors

- Accounting Concentration in School of Management (Optional)
- Data Analytics Concentration in School of Management (Optional)
- Finance Concentration in School of Management (Optional)
- Hospitality and Tourism Management Concentration in School of Management (Optional)
- Innovation Management Concentration in School of Management (Optional)
- International Business Concentration in School of Management (Optional)
- Management Consulting Concentration in School of Management (Optional)
- Management Information Systems Concentration in School of Management (Optional)
- Marketing Concentration in School of Management (Optional)
- Operation & Supply Chain Mgmt Concentration in School of Management (Optional)

University Core Requirements

- Human Cultures Humanities
- Human Cultures Behavioral/Social Science
- Information Literacy
- Science #1
- Science #2
- Science, Technology, and Society
- Written Communication
- Oral Communication
- Quantitative Reasoning
For a complete listing of course selectives, visit the Provost's Website.

Prerequisite Information:

For current pre-requisites for courses, click here.

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 ♦ or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦
- PSY 12000 - Elementary Psychology
- SOC 10000 - Introductory Sociology
- CHM or PHYS ♦ - Credit Hours: 4.00

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 ♦ or
- COM 21700 - Science Writing And Presentation ♦
- CHM or PHYS ♦ - Credit Hours: 4.00
- Human Cultures Humanities Selective - Credit Hours: 3.00
- MGMT 29500 - 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
- Science, Technology & Society Selective - Credit Hours: 3.00
16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 38200 - Management Information Systems

15 Credits

Fall 3rd Year

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

15 Credits

Spring 3rd Year

- MGMT 30600 - Management Science
- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 36100 - Operations Management
- MGMT 45200 - Manufacturing Strategy And Process Innovation
- International Elective - Credit Hours: 3.00

15 Credits

Fall 4th Year

- ECON 30100 - Managerial Economics
- MGMT 40500 - Six Sigma And Quality Analytics
- General Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management
- MGMT 35200 - Strategic Management
- MGMT 46200 - Advanced Manufacturing Planning And Control Systems
- Required IMMS Course - Credit Hours: 3.00
- General Elective - Credit Hours: 2.00

14 Credits

Notes

- Transfer credit for upper level MGMT, OBHR and ECON courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Kranert 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.
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Foreign Language Courses

Foreign Language proficiency requirements vary by program.

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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.

Disclaimer

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

The myPurduePlan powered by DegreeWorks is the knowledge source for specific requirements and completion.

Industrial Management/Operations & Supply Chain Management, BSIM

About the Program

Industrial Management students combine rigorous courses from science, technology, engineering and math (STEM) with the Kranert management core to produce strong analytic and technical skills with a business mindset. A dedication to life-long learning - new processes, new technologies, new ways of managing talent and resources - is a hallmark of an Industrial Management major. Specialties range from data analytics to supply chain management to financial engineering.
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 allowed Industrial Management majors to enjoy faster upward mobility within organizations than most other business majors.

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 technical consultants, supply chain analysts, strategic sourcing analysts or software business analysts.

Students may choose from the following concentrations: Data Analytics, 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).

Data analytics is an exciting new concentration that offers Industrial Management students the opportunity to develop the skills of programming with Python, building spreadsheet models of uncertain investment projects, acquiring the tools for data mining and building predictive models. This is an incredibly powerful concentration that truly sets a student apart in terms of career prospects.

Industrial Management Website

Degree Requirements

120 Credits Required

Required Major Courses (46 credits)

- ECON 25100 - Microeconomics *(satisfies Human Cultures Behavioral/Social Science for core)*
- ECON 25200 - Macroeconomics *(satisfies Human Cultures Behavioral/Social Science for core)*
- ECON 30100 - Managerial Economics
- MGMT 20000 - Introductory Accounting ♦
- MGMT 20100 - Management Accounting I
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35200 - Strategic Management
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- OBHR 33000 - Introduction To Organizational Behavior

Major Selectives (15 credits)

Required Courses (6 credits)

- MGMT 46300 - Supply Chain Analytics
• MGMT 46400 - Logistics: Concepts And Models

Choose Three (9 credits)

• MGMT 40500 - Six Sigma And Quality Analytics
• MGMT 45200 - Manufacturing Strategy And Process Innovation
• MGMT 46200 - Advanced Manufacturing Planning And Control Systems
• MGMT 46600 - Project Management
• MGMT 47400 - Predictive Analytics
• MA 26500 - Linear Algebra

Other Departmental/Program Course Requirements (49-52 credits)

• CS 23500 - Introduction To Organizational Computing
• ENGL 42000 - Business Writing
• MA 26100 - Multivariate Calculus
• STAT 22500 - Introduction To Probability Models

• COM 11400 - Fundamentals Of Speech Communication • (satisfies Oral Communication for core) or
• COM 21700 - Science Writing And Presentation • (satisfies Oral Communication for core)

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

• International Elective - Credit Hours: 3.00
• International Elective - Credit Hours: 3.00
• Human Cultures:Humanities Selectives - Credit Hours: 3.00
• Science, Technology & Society Selectives - Credit Hours: 3.00

Chemistry or Physics • (7-8 credits) - satisfies Science for core
• CHM 11500 - General Chemistry and
• CHM 11600 - General Chemistry

OR
• PHYS 17200 - Modern Mechanics or
• PHYS 21800 - General Physics or
• PHYS 22000 - General Physics

AND
• PHYS 21900 - General Physics II or
• PHYS 22100 - General Physics or
• PHYS 24100 - Electricity And Optics

• ENGL 10600 - First-Year Composition • (satisfies Written Communication for core) or
• ENGL 10800 - Accelerated First-Year Composition • (satisfies Written Communication for core) or
• SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity •
  (satisfies Written Communication for core)

• MA 16100 - Plane Analytic Geometry And Calculus I • (satisfies Quantitative Reasoning for core) or
• MA 16500 - Analytic Geometry And Calculus I • (satisfies Quantitative Reasoning for core)
• MA 16200 - Plane Analytic Geometry And Calculus II ♦ (satisfies Quantitative Reasoning for core) or
• MA 16600 - Analytic Geometry And Calculus II ♦ (satisfies Quantitative Reasoning for core)

Electives (7-10 credits)

Management Admissions Index (MAI) Core

Management Admissions Index classes consist of:

• ECON 25100 Microeconomics
• ENGL 10600 First-year Composition OR ENGL 10800 Accelerated First-year Composition OR SCLA 10100 Transformative Texts, Critical Thinking and Communication: Antiquity to Modernity
• MA 16100 Plane Analytic Geometry and Calculus I OR MA 16500 Analytic Geometry and Calculus I
• MA 16200 Plane Analytic Geometry and Calculus II OR MA 16600 Analytic Geometry and Calculus II
• MGMT 20000 Introductory Accounting
• COM 11400 Fundamentals of Speech Communication or COM 21700 Science Writing & Presentation

Upper Division Requirements: A student must 1) complete all MAI courses with a 2.65 or above MAI GPA AND a 2.40 cumulative GPA 2) have a C- or higher in all MAI AND required Management courses 3) Not be on academic probation.

• University Policy states students may only attempt a course 3 times and grades of W or WF are included in this limit. Per the School of Management, no more than three different MAI courses, or their equivalents, may be taken two times for a grade.
• Students are responsible for consulting their advisor about re-take options available to them.
• Previous enrollments in MA 16100, 16200, 16500, 16600 do not count against the retake policy for the MAI.

Additional Requirements

International Electives for the School of Management

Optional Concentration for Industrial Management Majors

• Accounting Concentration in School of Management (Optional)
• Data Analytics Concentration in School of Management (Optional)
• Finance Concentration in School of Management (Optional)
• Hospitality and Tourism Management Concentration in School of Management (Optional)
• Innovation Management Concentration in School of Management (Optional)
• International Business Concentration in School of Management (Optional)
• Management Consulting Concentration in School of Management (Optional)
• Management Information Systems Concentration in School of Management (Optional)
• Marketing Concentration in School of Management (Optional)
• Operation & Supply Chain Mgmt Concentration in School of Management (Optional)

University Core Requirements

• Human Cultures Humanities
- Human Cultures Behavioral/Social Science
- Information Literacy
- Science #1
- Science #2
- Science, Technology, and Society
- Written Communication
- Oral Communication
- Quantitative Reasoning

For a complete listing of course selectives, visit the Provost's Website.

Prerequisite Information:

For current pre-requisites for courses, click here.

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 ♦ or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- CHM or PHYS ♦ - Credit Hours: 4.00

15-16 Credits

Spring 1st Year

- MGMT 29500 - Professional Career Management ♦
- MA 16200 - Plane Analytic Geometry And Calculus II ♦ or
- MA 16600 - Analytic Geometry And Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication ♦ or
- COM 21700 - Science Writing And Presentation ♦
- CHM or PHYS ♦ - Credit Hours: 4.00
- Human Cultures Humanities Selective- Credit Hours: 3.00
15-16 Credits

Fall 2nd Year

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

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- MGMT 25400 - Legal Foundations Of Business I
- International Elective - Credit Hours: 3.00

15 Credits

Fall 3rd Year

- MGMT 31000 - Financial Management
- MGMT 30600 - Management Science
- ENGL 42000 - Business Writing
- MGMT 30500 - Business Statistics
- MGMT 36100 - Operations Management

15 Credits

Spring 3rd Year

- MGMT 46300 - Supply Chain Analytics
- OBHR 33000 - Introduction To Organizational Behavior
- ECON 30100 - Managerial Economics
- Required OSCM Course - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
• MGMT 32400 - Marketing Management
• MGMT 46400 - Logistics: Concepts And Models
• Required OSCM Course - Credit Hours: 3.00
• General Elective - 3.00 credit hours

15 Credits

Spring 4th Year

• MGMT 44428 - Human Resources Management
• MGMT 35200 - Strategic Management
• Required OSCM Course - Credit Hours: 3.00
• General Elective - Credit Hours: 3.00
• General Elective - Credit Hours: 3.00

14 Credits

Notes

• Transfer credit for upper level MGMT, OBHR and ECON 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.
• Information on summer courses is available at www.purdue.edu/thinksummer.
• Refer to MyPurduePlan at www.mypurdue.purdue.edu for degree requirements and current pre-requisites

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.

Disclaimer

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

The myPurduePlan powered by DegreeWorks is the knowledge source for specific requirements and completion.
Industrial Management/Science, BSIM

About the Program

Industrial Management students combine rigorous courses from science, technology, engineering and math (STEM) with the Krannert management core to produce strong analytic and technical skills with a business mindset. A dedication to life-long learning - new processes, new technologies, new ways of managing talent and resources - is a hallmark of an Industrial Management major. Specialties range from data analytics to supply chain management to financial engineering.

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 allowed Industrial Management majors to enjoy faster upward mobility within organizations than most other business majors.

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 technical consultants, supply chain analysts, strategic sourcing analysts or software business analysts.

Students may choose from the following concentrations: Data Analytics, 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).

Data analytics is an exciting new concentration that offers Industrial Management students the opportunity to develop the skills of programming with Python, building spread sheet models of uncertain investment projects, acquiring the tools for data mining and building predictive models. This is an incredibly powerful concentration that truly sets a student apart in terms of career prospects.

Industrial Management Website

Degree Requirements

120 Credits Required

Required Major Courses (46 credits)

- ECON 25100 - Microeconomics *(satisfies Human Cultures Behavioral/Social Science for core)*
- ECON 25200 - Macroeconomics *(satisfies Human Cultures Behavioral/Social Science for core)*
- ECON 30100 - Managerial Economics
- MGMT 20000 - Introductory Accounting
- MGMT 20100 - Management Accounting I *
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35200 - Strategic Management
- MGMT 36100 - Operations Management
Major Selectives - Complete One Science Minor (15-21 credits)

- Biology - Credit Hours: 16.00 - 21.00
- Chemistry - Credit Hours: 16.00
- Earth, Atmospheric & Planetary Sciences - Credit Hours: 17.00
- Math - Credit Hours: 15.00
- Physics - Credit Hours: 15.00
- Statistics - Credit Hours: 15.00

Other Departmental/Program Course Requirements (48-53 credits)

- CS 23500 - Introduction To Organizational Computing
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- STAT 22500 - Introduction To Probability Models

- COM 11400 - Fundamentals Of Speech Communication ♦ (satisfies Oral Communication for core) or
- COM 21700 - Science Writing And Presentation ♦ (satisfies Oral Communication for core)

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

- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- Human Cultures:Humanities Selective - Credit Hours: 3.00
- Science, Technology & Society Selective - Credit Hours: 3.00

Chemistry or Physics ♦ (7-8 credits) - satisfies Science for core

- CHM 11500 - General Chemistry and
- CHM 11600 - General Chemistry
  OR
- PHYS 17200 - Modern Mechanics or
- PHYS 21800 - General Physics or
- PHYS 22000 - General Physics
  AND
- PHYS 21900 - General Physics II or
- PHYS 22100 - General Physics or
- PHYS 24100 - Electricity And Optics

- ENGL 10600 - First-Year Composition ♦ (satisfies Written Communication for core) or
- ENGL 10800 - Accelerated First-Year Composition ♦ (satisfies Written Communication for core) or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦

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

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

MA 16600 - Analytic Geometry And Calculus II ♦ (satisfies Quantitative Reasoning for core)

Electives (2-5 credits)

Management Admissions Index (MAI) Core

Management Admissions Index classes consist of:

- ECON 25100 Microeconomics
- ENGL 10600 First-year Composition OR ENGL 10800 Accelerated First-year Composition OR SCLA 10100 Transformative Texts, Critical Thinking and Communication: Antiquity to Modernity
- MA 16100 Plane Analytic Geometry and Calculus I OR MA 16500 Analytic Geometry and Calculus I
- MA 16200 Plane Analytic Geometry and Calculus II OR MA 16600 Analytic Geometry and Calculus II
- MGMT 20000 Introductory Accounting
- COM 11400 Fundamentals of Speech Communication or COM 21700 Science Writing & Presentation

Upper Division Requirements: A student must 1) complete all MAI courses with a 2.65 or above MAI GPA AND a 2.40 cumulative GPA 2) have a C- or higher in all MAI AND required Management courses 3) Not be on academic probation.

- University Policy states students may only attempt a course 3 times and grades of W or WF are included in this limit. Per the School of Management, no more than three different MAI courses, or their equivalents, may be taken two times for a grade.
- Students are responsible for consulting their advisor about re-take options available to them.
- Complete 7-8 hours of Chemistry and/or Physics with a C- or higher prior to admission to Upper Division Industrial Management.

Additional Requirements

International Electives for the School of Management

Optional Concentration for Industrial Management Majors

- Accounting Concentration in School of Management (Optional)
- Data Analytics Concentration in School of Management (Optional)
- Finance Concentration in School of Management (Optional)
- Hospitality and Tourism Management Concentration in School of Management (Optional)
- Innovation Management Concentration in School of Management (Optional)
- International Business Concentration in School of Management (Optional)
- Management Consulting Concentration in School of Management (Optional)
- Management Information Systems Concentration in School of Management (Optional)
- Marketing Concentration in School of Management (Optional)
- Operation & Supply Chain Mgmt Concentration in School of Management (Optional)
University Core Requirements

- Human Cultures Humanities
- Human Cultures Behavioral/Social Science
- Information Literacy
- Science #1
- Science #2
- Science, Technology, and Society
- Written Communication
- Oral Communication
- Quantitative Reasoning

For a complete listing of course selectives, visit the Provost's Website.

Prerequisite Information:

For current pre-requisites for courses, click here.

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 ♦ or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦
- PSY 12000 - Elementary Psychology ♦
- SOC 10000 - Introductory Sociology
- CHM or PHYS ♦ - Credit Hours: 4.00

15-16 Credits

Spring 1st Year

- MGMT 29500 - Professional Career Management
- MA 16200 - Plane Analytic Geometry And Calculus II ♦ or
- MA 16600 - Analytic Geometry And Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication ♦ or
- COM 21700 - Science Writing And Presentation ♦
- CHM or PHYS - Credit Hours: 4.00
- Human Cultures Humanities Selective- Credit Hours: 3.00

15-16 Credits

Fall 2nd Year

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

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- MGMT 25400 - Legal Foundations Of Business I
- International 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 Science Minor Course - Credit Hours: 3.00

15 Credits

Spring 3rd Year

- ECON 30100 - Managerial Economics
- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30600 - Management Science
- Required Science Minor Course - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

15 Credits
Fall 4th Year

- MGMT 38200 - Management Information Systems
- MGMT 36100 - Operations Management
- Required Science Minor Course - Credit Hours: 3.00
- General Elective - 3.00 credit hours
- General Elective - 0.00-2.00 credit hours

12-14 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management
- MGMT 35200 - Strategic Management
- Required Science Minor Course - Credit Hours: 3.00
- Required Science Minor Course - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

14 Credits

Notes

- Transfer credit for upper level MGMT, OBHR and ECON 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.
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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.

Disclaimer

The student is ultimately responsible for knowing and completing all degree requirements.
Industrial Management/Science, Technology, Engineering, and Math, BSIM

About the Program

Industrial Management students combine rigorous courses from science, technology, engineering and math (STEM) with the Krannert management core to produce strong analytic and technical skills with a business mindset. A dedication to life-long learning - new processes, new technologies, new ways of managing talent and resources - is a hallmark of an Industrial Management major. Specialties range from data analytics to supply chain management to financial engineering.

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Students may choose from the following concentrations: Data Analytics, 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).

Data analytics is an exciting new concentration that offers Industrial Management students the opportunity to develop the skills of programming with Python, building spread sheet models of uncertain investment projects, acquiring the tools for data mining and building predictive models. This is an incredibly powerful concentration that truly sets a student apart in terms of career prospects.

Degree Requirements

120 Credits Required

Required Major Courses (46 credits)

- ECON 25100 - Microeconomics (satisfies Human Cultures Behavioral/Social Science for core)
- ECON 25200 - Macroeconomics (satisfies Human Cultures Behavioral/Social Science for core)
- ECON 30100 - Managerial Economics
- MGMT 20000 - Introductory Accounting
- MGMT 20100 - Management Accounting I
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
Major Selectives (15 credits)

- 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 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

Other Departmental/Program Course Requirements (49-53 credits)

- CS 23500 - Introduction To Organizational Computing
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- STAT 22500 - Introduction To Probability Models

- COM 11400 - Fundamentals Of Speech Communication (satisfies Oral Communication for core) or
- COM 21700 - Science Writing And Presentation (satisfies Oral Communication for core)

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

- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- Human Cultures: Humanities Selective - Credit Hours: 3.00
- Science, Technology & Society Selective - Credit Hours: 3.00
Chemistry or Physics ♦ (7-8 credits) - satisfies Science for core
- CHM 11500 - General Chemistry and
- CHM 11600 - General Chemistry
  OR
- PHYS 17200 - Modern Mechanics or
- PHYS 21800 - General Physics or
- PHYS 22000 - General Physics
  AND
- PHYS 21900 - General Physics II or
- PHYS 22100 - General Physics or
- PHYS 24100 - Electricity And Optics

- ENGL 10600 - First-Year Composition ♦ (satisfies Written Communication for core) or
- ENGL 10800 - Accelerated First-Year Composition ♦ (satisfies Written Communication for core) or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦

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

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

Electives (5-10 credits)

Management Admissions Index (MAI) Core Requirements

Management Admissions Index classes consist of:
- ECON 25100 Microeconomics
- ENGL 10600 First-year Composition OR ENGL 10800 Accelerated First-year Composition OR SCLA 10100 Transformative Texts, Critical Thinking and Communication I: Antiquity To Modernity
- MA 16100 Plane Analytic Geometry and Calculus I OR MA 16500 Analytic Geometry and Calculus I
- MA 16200 Plane Analytic Geometry and Calculus II OR MA 16600 Analytic Geometry and Calculus II
- MGMT 20000 Introductory Accounting
- COM 11400 Fundamentals of Speech Communication or COM 21700 Science Writing & Presentation

Upper Division Requirements: A student must 1) complete all MAI courses with a 2.65 or above MAI GPA AND a 2.40 cumulative GPA 2) have a C- or higher in all MAI AND required Management courses 3) Not be on academic probation.

- University Policy states students may only attempt a course 3 times and grades of W or WF are included in this limit. Per the School of Management, no more than three different MAI courses, or their equivalents, may be taken two times for a grade.
- Students are responsible for consulting their advisor about re-take options available to them.
- Complete 7-8 hours of Chemistry and/or Physics with a C- or higher prior to admission to Upper Division Industrial Management.

Additional Requirements

International Electives for the School of Management
Optional Concentration for Industrial Management Majors

- Accounting Concentration in School of Management (Optional)
- Data Analytics Concentration in School of Management (Optional)
- Finance Concentration in School of Management (Optional)
- Hospitality and Tourism Management Concentration in School of Management (Optional)
- Innovation Management Concentration in School of Management (Optional)
- International Business Concentration in School of Management (Optional)
- Management Consulting Concentration in School of Management (Optional)
- Management Information Systems Concentration in School of Management (Optional)
- Marketing Concentration in School of Management (Optional)
- Operation & Supply Chain Mgmt Concentration in School of Management (Optional)

University Core Requirements

- Human Cultures Humanities
- Human Cultures Behavioral/Social Science
- Information Literacy
- Science #1
- Science #2
- Science, Technology, and Society
- Written Communication
- Oral Communication
- Quantitative Reasoning

For a complete listing of course selectives, visit the Provost's Website.

Prerequisite Information:

For current pre-requisites for courses, click here.

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 ♦ or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- CHM or PHYS ♦ - Credit Hours: 4.00
15-16 Credits

Spring 1st Year

- MGMT 29500 - Professional Career Management
- MA 16200 - Plane Analytic Geometry And Calculus II ♦ or
  MA 16600 - Analytic Geometry And Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication ♦ or
  COM 21700 - Science Writing And Presentation ♦
- CHM or PHYS ♦ - Credit Hours: 4.00
- Human Cultures Humanities Selective - Credit Hours: 3.00

15-16 Credits

Fall 2nd Year

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

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- MGMT 25400 - Legal Foundations Of Business I
- International 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 STEM Courses - Credit Hours: 3.00

15 Credits
Spring 3rd Year

- ECON 30100 - Managerial Economics
- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30600 - Management Science
- Required STEM Course - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- MGMT 36100 - Operations Management
- Required STEM Courses - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management
- MGMT 35200 - Strategic Management
- Required STEM Course - Credit Hours: 3.00
- Required STEM Course - Credit Hours: 3.00
- General Elective - Credit Hours: 2.00

14 Credits

Notes

- Transfer credit for upper level MGMT, OBHR and ECON 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.
- Information on summer courses is available at www.purdue.edu/thinksummer.
- Refer to MyPurduePlan at www.mypurdue.purdue.edu for degree requirements and current pre-requisites.

Foreign Language Courses

Foreign Language proficiency requirements vary by program.
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.

Disclaimer

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

The myPurduePlan powered by DegreeWorks is the knowledge source for specific requirements and completion.

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 is an integral aspect of 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, universities and charities.

The 2017 Plan of Study for the Marketing Major includes new courses in Experiential Marketing, Marketing Analytics, Social Media, and Interactive Marketing, Consumer Behavior, and Pricing Strategies. Experiential Marketing offers the students an opportunity to participate in a sponsored active-learning project. Projects are varied and may involve marketing plan development, market research, new product development, brand management, and global social entrepreneurship.

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.

MS (Marketing) Program

The marketing area in partnership with the Purdue Executive Marketing Advisory Board are launching a new one-year pre-experience, specialized program in marketing that starts in the 2015 Summer term. It is specifically designed for undergraduates with limited to no work experience who aim to pursue a marketing career. To the extent that marketing is both an art and a science, the program is a good fit for students with a variety of backgrounds and experiences. For further information, please visit the MS (Marketing) Program website.

Degree Requirements

120 Credits Required
Required Major Courses (40 credits)

- ECON 25100 - Microeconomics (satisfies Human Cultures Behavioral/Social Science for core)
- ECON 25200 - Macroeconomics (satisfies Human Cultures Behavioral/Social Science for core)
- ECON 30100 - Managerial Economics
- MGMT 20000 - Introductory Accounting
- MGMT 20100 - Management Accounting I
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35200 - Strategic Management
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- OBHR 33000 - Introduction To Organizational Behavior

Major Selectives - Choose Five (15 credits)

- AGEC 33100 - Principles Of Selling In Agricultural Business
- COM 25600 - Introduction To Advertising
- MGMT 42110 - Marketing Analytics
- MGMT 42210 - International Marketing
- MGMT 42300 - New Product Development
- MGMT 42500 - Marketing Research
- MGMT 42610 - Brand Management
- MGMT 42710 - Digital Marketing Strategy
- MGMT 42910 - Experiential Marketing

Other Departmental/Program Course Requirements (42-43 credits)

- COM 11400 - Fundamentals Of Speech Communication (satisfies Oral Communication for core)
- CS 23500 - Introduction To Organizational Computing
- ENGL 42000 - Business Writing
- MA 16010 - Applied Calculus I (satisfies Quantitative Reasoning for core)
- MA 16020 - Applied Calculus II (satisfies Quantitative Reasoning for core)
- STAT 22500 - Introduction To Probability Models
- PSY 12000 - Elementary Psychology (satisfies Human Cultures Behavioral/Social Science for core) or
- SOC 10000 - Introductory Sociology (satisfies Human Cultures Behavioral/Social Science for core)
- ENGL 10600 - First-Year Composition (satisfies Written Communication for core) or
- ENGL 10800 - Accelerated First-Year Composition (satisfies Written Communication for core) or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity

International Elective - Credit Hours: 3.00
International Elective - Credit Hours: 3.00
• Human Cultures Humanities Selective - Credit Hours: 3.00
• Science Selective - Credit Hours: 3.00
• Science Selective - Credit Hours: 3.00
• University Core: Science, Technology & Society - Credit Hours: 3.00

Electives (22-23 credits)

Management Admissions Index (MAI) Core

MAI (Management Admissions Index) courses consist of:

• ECON 25100 Microeconomic
• ENGL 10600 First-Year Composition OR ENGL 10800 Accelerated First-year Composition OR SCLA 10100
  Transformative Texts, Critical Thinking & Communication I: Antiquity to Modernity
• MA 16010 Applied Calculus I
• MA 16020 Applied Calculus II
• MGMT 2000 Introductory Accounting
• To be 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 required School of Management courses,
  and may not be on academic probation.

Requirements for Upper Division

• University Policy states students may only attempt a course 3 times and grades of W or WF are included in this limit.
  Per the School of Management, no more than three different MAI courses, or their equivalents, may be taken two times
  for a grade.
• Students are responsible for consulting their advisor about re-take options available to them.
• Previous enrollments in MA 16100, 16200, 16500, 16600 do not count against the retake policy for the MAI.

Additional Requirements

International Electives for the School of Management

Optional Concentration for Marketing

• Accounting Concentration in School of Management (Optional)
• Data Analytics Concentration in School of Management (Optional)
• Finance Concentration in School of Management (Optional)
• Hospitality and Tourism Management Concentration in School of Management (Optional)
• International Business Concentration in School of Management (Optional)
• Innovation Management Concentration in School of Management (Optional)
• Management Consulting Concentration in School of Management (Optional)
• Management Information Systems Concentration in School of Management (Optional)
• Operation & Supply Chain Mgmt Concentration in School of Management (Optional)

University Core Requirements
Human Cultures Humanities
Human Cultures Behavioral/Social Science
Information Literacy
Science #1
Science #2
Science, Technology, and Society
Written Communication
Oral Communication
Quantitative Reasoning

For a complete listing of course selectives, visit the Provost's Website.

Prerequisite Information:
For current pre-requisites for courses, click here.

Program Requirements

Fall 1st Year

- MA 16010 - Applied Calculus I ♦
- ENGL 10600 - First-Year Composition ♦ or
- ENGL 10800 - Accelerated First-Year Composition ♦ or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

- Science Selective - Credit Hours: 3.00
- General Elective or AP/CR by Exam/TR - Credit Hours: 2.00

15 Credits

Spring 1st Year

- MA 16020 - Applied Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication
- ECON 25100 - Microeconomics ♦
- Human Cultures Humanities Selective- Credit Hours: 3.00
- Science, Technology & Society Selective - Credit Hours: 3.00

15 Credits

Fall 2nd Year
- MGMT 20000 - Introductory Accounting
- STAT 22500 - Introduction To Probability Models
- CS 23500 - Introduction To Organizational Computing
- MGMT 25400 - Legal Foundations Of Business I
- International Elective - Credit Hours: 3.00

15 Credits

Spring 2nd Year

- MGMT 20100 - Management Accounting I
- MGMT 30500 - Business Statistics
- ECON 25200 - Macroeconomics
- MGMT 29500 - Professional Career Management
- MGMT 32400 - Marketing Management
- General Elective - Credit Hours: 2.00

15 Credits

Fall 3rd Year

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

15 Credits

Spring 3rd Year

- 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
- General Elective - Credit Hours: 3.00

15 Credits

Fall 4th Year

- ECON 30100 - Managerial Economics
- MGMT 36100 - Operations Management
- Marketing Major Course - Credit Hours: 3.00
- Marketing Major Course - Credit Hours: 3.00
International Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- MGMT 35200 - Strategic Management
- MGMT 38200 - Management Information Systems
- MRKT Major Course - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Notes

- It is strongly encouraged that you take MGMT 32400 and MGMT 30500 or STAT 35000 following your admission to Upper Division as they are pre-requisites for a majority of your MAJOR SELECTIVES courses.
- 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 (Purdue Transfer Credit Courses) will only be considered if taken at a 4 year AACSB accredited school.
- 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

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.

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Supply Chain, Information and Analytics, BS
About the Program

Supply Chain, Information and Analytics is for problem solvers who love to work with data. 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. Data is now viewed as the most valuable asset a company has. The challenge is turning data into information that guides strategy, customer service, and market analysis. Technical knowledge in management information systems, business analytics, supply chain and operations provides support for every level of management in every business.

You've probably heard terms like supply chain, operations efficiency, big data, cloud computing, data mining, data science 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.

Krannert also offers a Master of Science in Business Analytics and Information Management. MS BAIM is a full-time, 11-month program beginning in June every year, designed to educate students in state-of-the-art information technologies and analytical techniques. Students will undergo a rigorous curriculum and develop facility with a variety of software tools currently used in business. Students will also have opportunities to apply what they are learning to real-world problems through experiential learning.

The MS BAIM program is a STEM certified program (for details regarding the associated STEM OPT extension, please visit the USCIS website). Eduniversal ranks Krannert's Management Information Systems field of study #4 in North America. Value Colleges has named the MS BAIM #8 big data graduate program in the country. Master's in data science has named Purdue University 8th among schools with Master's in Business Analytics Programs.

Degree Requirements

120 Credits Required

Required Major Courses (49 credits)

- ECON 25100 - Microeconomics (satisfies Human Cultures Behavioral/Social Science for core)
- ECON 25200 - Macroeconomics (satisfies Human Cultures Behavioral/Social Science for core)
- ECON 30100 - Managerial Economics
- MGMT 20000 - Introductory Accounting
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 35200 - Strategic Management
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 46300 - Supply Chain Analytics
Major Selectives - Choose One or more Tracks (12 credits)

1. Business Analytics (12 credits)
   
   Choose Three:
   - MGMT 40500 - Six Sigma And Quality Analytics
   - MGMT 47300 - Data Mining
   - MGMT 47400 - Predictive Analytics
   - MGMT 47900 - Data Visualization

   Choose One:
   - ECON 36000 - Econometrics
   - MGMT 46400 - Logistics: Concepts And Models
   - MGMT 48800 - Data-Driven Decisions In Digital Markets

2. Management Information Systems (12 credits)
   
   - CNIT 17500 - Visual Programming
   - MGMT 54500 - Systems Development
   - MGMT 47900 - Data Visualization

   - MGMT 28800 - Programming For Business Applications or
   - CS 15900 - Programming Applications For Engineers or
   - CS 17700 - Programming With Multimedia Objects

   - MGMT 54700 - Computer Communications Systems or
   - MGMT 48800 - Data-Driven Decisions In Digital Markets

3. Supply Chain and Operations Management (12 credits)
   
   - MGMT 46400 - Logistics: Concepts And Models
   - MGMT 46200 - Advanced Manufacturing Planning And Control Systems
   - MGMT 47900 - Data Visualization

   - MGMT 26100 - Introduction To Supply Chain, Information, And Analytics or
   - MGMT 40500 - Six Sigma And Quality Analytics or
   - MGMT 46600 - Project Management or
   - MGMT 47400 - Predictive Analytics

Other Departmental/Program Course Requirements (46-48 credits)

- CS 23500 - Introduction To Organizational Computing
- ENGL 42000 - Business Writing
- MA 16010 - Applied Calculus I ♦ (satisfies Quantitative Reasoning for core)
- MA 16020 - Applied Calculus II ♦ (satisfies Quantitative Reasoning for core)
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models

- COM 11400 - Fundamentals Of Speech Communication ♦ (satisfies Oral Communication for core) or
- COM 21700 - Science Writing And Presentation ♦ (satisfies Oral Communication for core)

- PSY 12000 - Elementary Psychology (satisfies Human Cultures Behavioral/Social Science for core) or
- SOC 10000 - Introductory Sociology (satisfies Human Cultures Behavioral/Social Science for core)

- ENGL 10600 - First-Year Composition ♦ (satisfies Written Communication for core) or
- ENGL 10800 - Accelerated First-Year Composition ♦ (satisfies Written Communication for core) or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦

- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- Human Cultures Humanities Selective - Credit Hours: 3.00
- Science Selective - Credit Hours: 3.00
- Science Selective - Credit Hours: 3.00
- Science, Technology & Society Selective - Credit Hours: 3.00

**Electives (11-13 credits)**

**Management Admissions Index (MAI) Core**

Management Admissions Index classes consist of:

- ECON 25100 Microeconomics
- ENGL 10600 First-year Composition or ENGL 10800 Accelerated First-year Composition or SCLA 10100
- Transformative Texts, Critical Thinking and Communication I: Antiquity to Modernity
- MA 16010 Applied Calculus I
- MA 16020 Applied Calculus II
- MGMT 20000 Introductory Accounting
- COM 11400 Fundamentals of Speech Communication or COM 21700 Science Writing & Presentation

Upper Division Requirements: A student must 1) complete all MAI courses with a 3.00 or above MAI GPA AND a 2.50 cumulative GPA 2) have a C- or higher in all MAI AND required Management courses 3) Not be on academic probation.

- University Policy states students may only attempt a course 3 times and grades of W or WF are included in this limit.
  Per the School of Management, no more than three different MAI courses, or their equivalents, may be taken two times for a grade.
- Previous enrollments in MA 16100, 16200, 16500, 16600 do not count against the retake policy for the MAI.

**Additional Requirements**
International Electives for the School of Management

Optional Concentration for Supply Chain, Information and Analytics

- Accounting Concentration in School of Management (Optional)
- Finance Concentration in School of Management (Optional)
- Hospitality and Tourism Management Concentration in School of Management (Optional)
- International Business Concentration in School of Management (Optional)
- Innovation Management Concentration in School of Management (Optional)
- Management Consulting Concentration in School of Management (Optional)
- Management Information Systems Concentration in School of Management (Optional)
- Marketing Concentration in School of Management (Optional)
- Operation & Supply Chain Mgmt Concentration in School of Management (Optional)

University Core Requirements

- Human Cultures Humanities
- Human Cultures Behavioral/Social Science
- Information Literacy
- Science #1
- Science #2
- Science, Technology, and Society
- Written Communication
- Oral Communication
- Quantitative Reasoning

For a complete listing of course selectives, visit the Provost's Website.

Prerequisite Information:

For current pre-requisites for courses, click here.

Program Requirements

Fall 1st Year

- MA 16010 - Applied Calculus I ♦
- ENGL 10600 - First-Year Composition ♦ or
- ENGL 10800 - Accelerated First-Year Composition ♦ or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- Science Selective - Credit Hours: 3.00
- General Elective or AP/CR by Exam/TR - Credit Hours: 2.00

15-16 Credits

Spring 1st Year

- MA 16020 - Applied Calculus II ♦
- ECON 25100 - Microeconomics ♦
- MGMT 29500 - Professional Career Management

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

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
- Science, Tech & Society Selective - Credit Hours: 3.00

15 Credits

Spring 2nd Year

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

15 Credits

Fall 3rd Year

- MGMT 31000 - Financial Management
- MGMT 38200 - Management Information Systems
- MGMT 32400 - Marketing Management
- MGMT 30600 - Management Science
- MGMT 36100 - Operations Management

15 Credits
Spring 3rd Year

- MGMT 47200 - Advanced Spreadsheet Modeling And Simulation
- MGMT 54400 - Database Management Systems
- MGMT 35200 - Strategic Management
- MGMT 47900 - Data Visualization
- Required SCIA Course - Credit Hours: 3.00

15 Credits

Fall 4th Year

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 46300 - Supply Chain Analytics
- Required SCIA Course - Credit Hours: 3.00
- Required SCIA Course - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- ENGL 42000 - Business Writing
- ECON 30100 - Managerial Economics
- MGMT 25400 - Legal Foundations Of Business I
- Required SCIA course - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Notes

- 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 (Purdue Transfer Credit Courses) will only be considered if taken at a 4 year AACSB accredited school.
- Courses taken on approved Kranmert 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.

Foreign Language Courses

Foreign Language proficiency requirements vary by program.
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.

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Certificate

Advanced Accountancy Certificate

About the Certificate

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.

Requirements for the Certificate (30 credits)

Choose Four Courses (12 credits)

- 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

Choose Five Courses (15 credits)

List A
Choose at least 2 courses

- MGMT 41100 - Investment Management
- MGMT 41300 - Corporate Finance
- 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

Choose at least 2 courses

- 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

Accounting Electives (3 credits)

For more information, please contact the course instructor or visit the Accounting Academic Group web site.

- 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 - Practicum in Taxation - Credit Hours: 3.00

Notes

- 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 30 credit hours of coursework for the Certificate.
- Candidates must earn a grade of C- or better in each accounting course that they wish to count towards the Certificate.
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).

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Minor

Business Economics Minor

Requirements for the Minor (15 credits)

Required Courses (9 credits)

- ECON 25100 - Microeconomics
- ECON 25200 - Macroeconomics
- ECON 30100 - Managerial Economics

Choose One (3 credits)

- ECON 35200 - Intermediate Macroeconomics
- ECON 36100 - Antitrust And Regulation
- ECON 38000 - Money And Banking
- ECON 46100 - Industrial Organization

Economics Elective- Choose One (3 credits)

- ECON 32500 - Economics Of Sports
- ECON 34000 - Intermediate Microeconomic Theory
- ECON 35200 - Intermediate Macroeconomics
- ECON 36000 - Econometrics
- ECON 36100 - Antitrust And Regulation
- ECON 36200 - Health Economics
- ECON 36500 - History Of Economic Thought
- ECON 36700 - Law And Economics
- ECON 37000 - International Trade
- ECON 37600 - Economics Of The European Union
- 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 45200 - Empirical Macroeconomics
• ECON 46100 - Industrial Organization
• ECON 46600 - International Economics
• ECON 47100 - Behavioral Economics
• ECON 48500 - Economics Of Racial And Gender Discrimination
• ECON 49900 - Senior Honors Thesis
• ECON 51100 - Intermediate Economics I
• ECON 51200 - Intermediate Economics II
• ECON 56200 - Econometrics I

Notes

• Business Economics Minor is not available to Economic Majors
• A grade of C- or better must be earned in any course used to fulfill the minor. Courses for the minor may not be taken as Pass/No Pass.
• Transfer credit for courses that are a direct match will be accepted for the minor. Undistributed transfer credit (i.e. ECON 2XXXX) will not be accepted.
• Economics Majors have priority in registering for Economics upper-division courses. Space in upper-division courses is not guaranteed.
• Economics Courses (not principles) completed as part of an approved study abroad program may be used to fulfill the Economics Upper-Division Electives Requirement.

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Economics Minor

Requirements for the Minor (15 credits)

Required Courses (6 credits)

• ECON 25100 - Microeconomics
• ECON 25200 - Macroeconomics

Intermediate Theory Course (3 credits)

• ECON 34000 - Intermediate Microeconomic Theory
• ECON 51100 - Intermediate Economics I
• ECON 35200 - Intermediate Macroeconomics
• ECON 51200 - Intermediate Economics II

Economics Electives -Choose Two (6 credits)
• ECON 32500 - Economics Of Sports
• ECON 34000 - Intermediate Microeconomic Theory
• ECON 35200 - Intermediate Macroeconomics
• ECON 36000 - Econometrics
• ECON 36100 - Antitrust And Regulation
• ECON 36200 - Health Economics
• ECON 36500 - History Of Economic Thought
• ECON 36700 - Law And Economics
• ECON 37000 - International Trade
• ECON 37600 - Economics Of The European Union
• 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 45200 - Empirical Macroeconomics
• ECON 46100 - Industrial Organization
• ECON 46600 - International Economics
• ECON 47100 - Behavioral Economics
• ECON 48500 - Economics Of Racial And Gender Discrimination
• ECON 49900 - Senior Honors Thesis
• ECON 51100 - Intermediate Economics I
• ECON 51200 - Intermediate Economics II
• ECON 56200 - Econometrics I

Notes

• Economics Minor is not available to Economics Majors
• A grade of C- or better must be earned in any course used to fulfill the minor. Courses for the minor may not be taken as Pass/No Pass.
• Transfer credit for courses that are a direct match will be accepted for the minor. Undistributed transfer credit (i.e. ECON 2XXX) will not be accepted. To see how courses from other institutions transfer to Purdue's Transfer Credit Course Equivalence Guide at https://selfservice.mypurdue.purdue.edu/prod/bzwtxcrd.p_select_info.
• Economics courses (not Principles) completed as part of an approved study abroad program may be used to fulfill the Economics Upper-Division Electives requirement.
• Economics majors have priority in registering for Economics upper-division courses. Students seeking a Minor in Economics are not allowed to register for upper-division courses until after Krannert registration restrictions are lifted. Space in upper-division courses is not guaranteed. More information lifting of restrictions can be found at http://www.krannert.purdue.edu/undergraduate/current-students/nonkrannert-students.asp.

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Human Resource Management Minor
Requirements for the Minor (15 credits)

Required Courses (6 credits)

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 44428 - Human Resources Management or
  MGMT 44301 - Management Of Human Resources

Advanced Topic Courses (9 credits)

- MGMT 44362 - Leadership & Organizational Change
- MGMT 44429 - Talent Management
- MGMT 44430 - Staffing: Talent Acquisition
- MGMT 44431 - Compensation: Total Rewards
- MGMT 44690 - Negotiation And Decision Making

Notes

- All courses must receive a grade of "C" or better.

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Management Minor

Requirements for the Minor (18 credits)

Required Courses (9 credits)

- MGMT 20000 - Introductory Accounting
- MGMT 20100 - Management Accounting I
- ECON 25100 - Microeconomics

Electives (9 credits)

- MGMT 30400 - Introduction To Financial Management or
  MGMT 31000 - Financial Management *

- MGMT 32300 - Principles Of Marketing or
  MGMT 32400 - Marketing Management *
• MGMT 35000 - Intermediate Accounting I *

• MGMT 25400 - Legal Foundations Of Business I * or
• MGMT 45500 - Legal Background For Business I

• MGMT 36100 - Operations Management *
• MGMT 38200 - Management Information Systems *
• MGMT 35200 - Strategic Management *
• Study Abroad course approved by School of Management

• MGMT 44301 - Management Of Human Resources or
• OBHR 33000 - Introduction To Organizational Behavior *

• MGMT 30500 - Business Statistics * or
• STAT 35000 - Introduction To Statistics or
• STAT 50300 - Statistical Methods For Biology or
• STAT 51100 - Statistical Methods or
• IE 33000 - Probability And Statistics In Engineering II or

Notes

• Courses with a (*) indicate 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
• A grade of a C- or better must be earned in any course used to fulfill the minor. Courses for the minor may not be taken as Pass/No Pass.
• Transfer credit for courses that are a direct match will be accepted for the minor. Undistributed transfer credit (i.e. MGMT 2XXXX) will not be accepted. To see how courses from other institutions transfer to Purdue use Purdue's Transfer Credit Courses Equivalence Guide at https://selfservice.mypurdue.purdue.edu/prod/bzwtxcrd.p_select_info.
• 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 or MGMT 32400.

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Pre-Program

Pre-Accounting

Fall 1st Year

• MA 16010 - Applied Calculus I ♦
• ENGL 10600 - First-Year Composition ♦ or
• ENGL 10800 - Accelerated First-Year Composition ♦ or
• SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦

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

• Elective (satisfies Science for core) - Credit Hours: 3.00
• Elective or AP/CR by Exam/TR - Credit Hours: 2.00

15 Credits

Spring 1st Year

• MA 16020 - Applied Calculus II ♦
• ECON 25100 - Microeconomics ♦

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

• Elective (satisfies Human Cultures for core) - Credit Hours: 3.00
• Elective (satisfies Science for core) - Credit Hours: 3.00

15 Credits

Fall 2nd Year

• MGMT 20000 - Introductory Accounting ♦
• CS 23500 - Introduction To Organizational Computing
• STAT 22500 - Introduction To Probability Models
• Elective (satisfies Science, Technology & Society for core) - Credit Hours: 3.00
• Elective - Credit Hours: 3.00

15 Credits

Spring 2nd Year

• MGMT 20100 - Management Accounting I
• ECON 25200 - Macroeconomics
• MGMT 25400 - Legal Foundations Of Business I
• MGMT 29500 - Professional Career Management
• International Elective - Credit Hours: 3.00
• Elective - Credit Hours: 2.00

15 Credits
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.

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Pre-Economics

Fall 1st Year

- ECON 25100 - Microeconomics ♦
- MA 16010 - Applied Calculus I ♦ or
- 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 ♦ or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦
- Elective (satisfies Science for core) - Credit Hours: 3.00
- Elective - Credit Hours: 0.00 to 3.00

15 Credits

Spring 1st Year

- CS 23500 - Introduction To Organizational Computing
- ECON 25200 - Macroeconomics ♦
- MGMT 29500 - Professional Career Management
- MA 16020 - Applied Calculus II ♦ or
- MA 16200 - Plane Analytic Geometry And Calculus II ♦ or
- MA 16600 - Analytic Geometry And Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication ♦ or
- COM 21700 - Science Writing And Presentation ♦
- Elective - Credit Hours: 0.00 to 2.00

15 Credits
Fall 2nd Year

- STAT 35000 - Introduction To Statistics
- STAT 51100 - Statistical Methods
- International Elective - Credit Hours: 3.00
- Elective (satisfies Science, Technology & Society for core) - Credit Hours: 3.00
- Elective (satisfies Humanities for core) - Credit Hours: 3.00
- Elective - Credit Hours: 3.00

15 Credits

Spring 2nd Year

- Elective (satisfies Science for core) - Credit Hours: 3.00
- Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- Elective - Credit Hours: 3.00
- Elective - Credit Hours: 3.00

15 Credits

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.

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Pre-Economics Honors

Fall 1st Year

- ECON 25100 - Microeconomics ♦
- 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 ♦ or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦
• Elective - Credit Hours: 3.00
• Elective - Credit Hours: 0.00 to 2.00

15 Credits

Spring 1st Year

• ECON 25200 - Macroeconomics ♦
• MGMT 29500 - Professional Career Management
• MA 16200 - Plane Analytic Geometry And Calculus II ♦ or
  MA 16600 - Analytic Geometry And Calculus II ♦
• COM 11400 - Fundamentals Of Speech Communication ♦ or
  COM 21700 - Science Writing And Presentation ♦
• Elective - Credit Hours: 3.00 to 4.00

15 Credits

Fall 2nd Year

• MA 26100 - Multivariate Calculus
• CS 23500 - Introduction To Organizational Computing
• STAT 35000 - Introduction To Statistics or
  STAT 51100 - Statistical Methods
• Elective (satisfies Science, Technology & Society for core) - Credit Hours: 3.00
• Elective - Credit Hours: 2.00

15 Credits

Spring 2nd Year

• MA 26500 - Linear Algebra or
• MA 35100 - Elementary Linear Algebra or
• MA 51100 - Linear Algebra With Applications
• ECON 36000 - Econometrics or
• ECON 56200 - Econometrics I
• Elective (satisfies Science for core) - Credit Hours: 3.00
• Elective (satisfies Science for core) - Credit Hours: 3.00
• Elective - Credit Hours: 3.00
15 Credits

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.

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Pre-Finance

Fall 1st Year

- MA 16010 - Applied Calculus I ♦
- ENGL 10600 - First-Year Composition ♦ or
- ENGL 10800 - Accelerated First-Year Composition ♦ or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦
- PSY 12000 - Elementary Psychology ♦ or
- SOC 10000 - Introductory Sociology

- Elective (satisfies Science for core) - Credit Hours: 3.00
- Elective or AP/CR by Exam/TR - Credit Hours: 2.00

15 Credits

Spring 1st Year

- MA 16020 - Applied Calculus II ♦
- ECON 25100 - Microeconomics ♦
- COM 11400 - Fundamentals Of Speech Communication ♦ or
- COM 21700 - Science Writing And Presentation

- Elective (satisfies Human Cultures for core) - Credit Hours: 3.00
- Elective (satisfies Science for core) - Credit Hours: 3.00

15 Credits

Fall 2nd Year
- MGMT 20000 - Introductory Accounting
- CS 23500 - Introduction To Organizational Computing
- STAT 22500 - Introduction To Probability Models
- Elective (satisfies Science, Technology & Society for core) - Credit Hours: 3.00
- Elective - Credit Hours: 3.00

15 Credits

Spring 2nd Year

- MGMT 20100 - Management Accounting I
- ENGL 42000 - Business Writing
- ECON 25200 - Macroeconomics
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- Elective - Credit Hours: 2.00

15 Credits

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Pre-General Management

Fall 1st Year

- MA 16010 - Applied Calculus I

- ENGL 10600 - First-Year Composition ♦ or
- ENGL 10800 - Accelerated First-Year Composition ♦ or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦

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

- Elective (satisfies Science for core) - Credit Hours: 3.00
- Elective or AP/CR by Exam/TR - Credit Hours: 2.00
15 Credits

Spring 1st Year

- MA 16020 - Applied Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication or
  COM 21700 - Science Writing And Presentation
- ECON 25100 - Microeconomics ♦
- Elective *(satisfies Science for core)* - Credit Hours: 3.00
- Elective *(satisfies Human Cultures for core)* - Credit Hours: 3.00

15 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting ♦
- CS 23500 - Introduction To Organizational Computing
- STAT 22500 - Introduction To Probability Models
- Elective *(satisfies Science, Technology & Society for core)* - Credit Hours: 3.00
- Elective - Credit Hours: 3.00

15 Credits

Spring 2nd Year

- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- Cultural Competency Selective I - Credit Hours: 3.00
- Elective - Credit Hours: 2.00

15 Credits

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Pre-Industrial Management

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 or
  SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity

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

- CHM or PHYS course - Credit Hours: 4.00

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
  COM 21700 - Science Writing And Presentation

- MGMT 29500 - Professional Career Management

- CHM or PHYS course - Credit Hours: 4.00
  Elective (satisfies Humanities for core) - Credit Hours: 3.00

15-16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting
- ECON 25100 - Microeconomics
- MA 26100 - Multivariate Calculus
- CS 23500 - Introduction To Organizational Computing

- Elective (satisfies Science, Technology & Society for core) - Credit Hours: 3.00

16 Credits
Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- MGMT 25400 - Legal Foundations Of Business I
- International Elective - Credit Hours: 3.00

15 Credits

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Pre-Marketing

Fall 1st Year

- MA 16010 - Applied Calculus I ♦
- ENGL 10600 - First-Year Composition ♦ or
  - ENGL 10800 - Accelerated First-Year Composition ♦ or
  - SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology

  - Elective (satisfies Science for core) - Credit Hours: 3.00
  - Elective or AP/CR by Exam/TR - Credit Hours: 2.00

15 Credits

Spring 1st Year

- MA 16020 - Applied Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication or
- COM 21700 - Science Writing And Presentation
- ECON 25100 - Microeconomics ♦

  - Elective (satisfies Humanities for core) - Credit Hours: 3.00
  - Elective (satisfies Science, Technology & Society for core) - Credit Hours: 3.00
15 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting ♦
- MGMT 25400 - Legal Foundations Of Business I
- STAT 22500 - Introduction To Probability Models
- CS 23500 - Introduction To Organizational Computing
- International Elective - Credit Hours: 3.00

15 Credits

Spring 2nd Year

- MGMT 20100 - Management Accounting I
- MGMT 29500 - Professional Career Management
- ECON 25200 - Macroeconomics
- General Elective - Credit Hours: 3.00
- Elective (satisfies Science for core) - Credit Hours: 3.00
- General Elective - Credit Hours: 2.00

15 Credits

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Pre-Supply Chain Information & Analytics

Fall 1st Year

- MA 16010 - Applied Calculus I ♦
- ENGL 10600 - First-Year Composition ♦ or
- ENGL 10800 - Accelerated First-Year Composition ♦ or
- SCLA 10100 - Transformative Texts, Critical Thinking And Communication I: Antiquity To Modernity ♦
- PSY 12000 - Elementary Psychology or
- SOC 10000 - Introductory Sociology
- Elective *(satisfies Science for core)* - Credit Hours: 3.00
- Elective or AP/CR by Exam/TR - Credit Hours: 2.00

15 Credits

Spring 1st Year

- MA 16020 - Applied Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication or COM 21700 - Science Writing And Presentation
- ECON 25100 - Microeconomics ♦
- MGMT 29500 - Professional Career Management
- Elective *(satisfies Human Cultures for core)* - Credit Hours: 3.00
- Elective *(satisfies Science for core)* - Credit Hours: 3.00

16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting ♦
- CS 23500 - Introduction To Organizational Computing
- STAT 22500 - Introduction To Probability Models
- Elective *(satisfies Science, Technology & Society for core)* - Credit Hours: 3.00
- Elective - Credit Hours: 3.00

15 Credits

Spring 2nd Year

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

15 Credits

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