

School of Management

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

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

Advising

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

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.

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Contact Information

Mailing address

Krannert Building

403 W. State Street

West Lafayette, IN 47907-2056

Rawls Hall

100 S. Grant Street

West Lafayette, IN 47907-2076

Krannert Center for Executive Education

425 W. State Street

West Lafayette, IN 47907-2056

School of Management Administration and Instruction

Management Overview

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:

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

Economics:

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

Contact Information

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Economics Department

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Graduate Information

For Graduate Information please see Management Graduate Program Information.

Baccalaureate

Accounting, BS

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 Upper Division Courses (45 credits)

- OBHR 33000 - Introduction To Organizational Behavior
- 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 35200 - Strategic Management
- MGMT 50300 - Advanced Accounting
- MGMT 50400 - Tax Accounting
- MGMT 50500 - Management Accounting II
- MGMT 50600 - Auditing

- Professional Elective - Credit Hours: 3.00
- Professional Elective - Credit Hours: 3.00

Other Departmental/Program Course Requirements (56 credits)

- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- COM 11400 - Fundamentals Of Speech Communication ♦ (*satisfies Oral Communication for core*)
- CS 23500 - Introduction To Organizational Computing ♦
- ECON 25200 - Macroeconomics (*satisfies Behavioral/Social Science for core*)
- ENGL 42000 - Business Writing
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models

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

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

Management Admission Index (MAI) Core

- ECON 25100 - Microeconomics ♦ (*satisfies Behavioral/Social Science for core*)

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

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

Electives (19 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

- 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 can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/mgmt/mgmt-req-upper-div.asp>
- 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, MA 16200, MA 16500, MA 16600 do not count against the retake policy for the MAI.

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](#).

Accounting Professional Electives

Professional Electives include the MGMT or ECON classes at the 30000 level or higher on this list by major. Up to 3 credits of EPICS courses at the 30000 level or higher may be used. 6 credits at the 30000 level or higher taken at an approved Krannert study abroad program may be used with advisor approval and used as a Professional Elective. Courses marked (**) can also be applied towards the International Elective requirements.

- ECON 32500 - Economics Of Sports
- ECON 34000 - Intermediate Microeconomic Theory
- ECON 35200 - Intermediate Macroeconomics
- ECON 36000 - Econometrics
- ECON 36100 - Antitrust And Regulation
- ECON 36500 - History Of Economic Thought
- ECON 36700 - Law And Economics
- ECON 36800 - Economics And Values
- ECON 37000 - International Trade **
- ECON 38000 - Money And Banking
- ECON 38500 - Labor Economics
- ECON 37600 - Economics Of The European Union
- ECON 39040 - Economics Internship
- ECON 42200 - Public Finance And Taxation
- ECON 45100 - Game Theory

- ECON 45600 - Urban Economics
- ECON 46000 - Econometrics
- ECON 46100 - Industrial Organization
- ECON 46600 - International Economics
- ECON 47000 - Transportation Economics
- ECON 47100 - Behavioral Economics
- ECON 49900 - Senior Honors Thesis
- MGMT 30400 - Introduction To Financial Management
- MGMT 30600 - Management Science
- MGMT 38199 - Professional Practice Co-Op I
- MGMT 38299 - Professional Practice Co-Op II
- MGMT 38399 - Professional Practice Co-Op III
- ECON 39000 - Junior Level Problems In Economics
- MGMT 39000 - Junior Level Problems In Management Krannert Leadership Development Program
- MGMT 39010 - Accounting Internship
- MGMT 39020 - Management Internship
- MGMT 39030 - Industrial Management Internship
- MGMT 39040 - Economics Internship
- MGMT 39050 - Finance Internship
- MGMT 39060 - Human Resource Internship
- MGMT 39070 - Management Information Systems Internship
- MGMT 39080 - Manufacturing, Operations, Supply Chain Internship
- MGMT 39090 - Marketing/Sales Internship
- MGMT 40100 - Krannert Executive Forum
- MGMT 40300 - Database Management Systems
- MGMT 40500 - Six Sigma And Quality Management
- MGMT 41100 - Investment Management
- MGMT 41200 - Financial Institutions And Markets
- MGMT 41300 - Corporate Finance
- MGMT 41500 - International Financial Management **
- MGMT 41601 - Corporate Mergers And Acquisitions
- MGMT 42110 - Marketing Analytics
- MGMT 42210 - International Marketing **
- MGMT 42300 - New Product Development
- MGMT 42310 - Global Marketing Management
- MGMT 42500 - Marketing Research
- MGMT 42610 - Brand Management
- MGMT 42710 - Digital And Social Media Marketing
- MGMT 44362 - Leadership & Organizational Change
- MGMT 44428 - Human Resources Management
- MGMT 44429 - Talent Management
- MGMT 44500 - Introduction To Investments And Portfolio Management
- MGMT 44690 - Negotiation And Decision Making
- MGMT 44710 - Competitive Strategy
- MGMT 44810 - Technology Strategy
- MGMT 45200 - Manufacturing Strategy And Process Innovation
- MGMT 45300 - Labor And Employment Law
- MGMT 49000 - Problems In Industrial Management Financial Reporting Frameworks

- MGMT 45600 - Legal Foundations For Business II
- MGMT 45700 - Legal Background For Business II
- MGMT 45800 - The Regulatory Process, Consumerism, And Public Policy
- MGMT 45900 - International Management **
- MGMT 42910 - Experiential Marketing
- MGMT 46100 - Management Operations
- MGMT 46200 - Advanced Manufacturing Planning And Control Systems
- MGMT 46300 - Supply Chain Analytics
- MGMT 46400 - Logistics: Concepts And Models
- MGMT 47000 - Transport Management I
- MGMT 47100 - Transport Management II
- MGMT 47200 - Advanced Spreadsheet Modeling And Simulation
- MGMT 48000 - Elements Industrial Management
- MGMT 48100 - Contemporary Management Philosophy
- MGMT 48400 - Management Of Entrepreneurial Ventures
- MGMT 48800 - Data-Driven Decisions In Digital Markets
- MGMT 49000 - Problems In Industrial Management Managing in Developing Economies
- EPCS 30100 - Junior Participation In EPICS
- EPCS 30200 - Junior Participation In EPICS
- EPCS 40100 - Senior Participation In EPICS
- EPCS 40200 - Senior Participation In EPICS
- EPCS 41100 - Senior Design Participation In EPICS
- EPCS 41200 - Senior Design Participation In EPICS
- EPCS 49000 - EPICS Special Topics Course

International Electives

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

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

± Also counts for UC Humanities

≈ Also counts for UC Science Technology & Society

≥ Check myPurdue for course pre-requisites

- AGECE 25000 - Economic Geography Of World Food And Resources
- AGECE 34000 - International Economic Development
- AGECE 45000 - International Agricultural Trade
- ANTH 34000 - Global Perspectives On Health
- ANTH 34100 - Culture And Personality
- CLCS 18100 - Classical World Civilizations
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 48000 - Potters And Society In Antiquity
- COM 22400 - Communicating In The Global Workplace

- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- FNR 23000 - The World's Forests And Society
- HIST 10300 - Introduction To The Medieval World
- HIST 10400 - Introduction To The Modern World
- HIST 10500 - Survey Of Global History
- HIST 24000 - East Asia And Its Historic Tradition
- HIST 24300 - South Asian History And Civilizations
- HIST 32000 - The World Of Charlemagne
- HIST 32900 - History Of Women In Modern Europe
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 39200 - Caribbean History And Culture
- HIST 34000 - Modern China ±
- HIST 40300 - Europe In The Reformation
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- PHIL 11400 - Global Moral Issues
- PHIL 23000 - Religions Of The East ±
- PHIL 23100 - Religions Of The West
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations ≈
- POL 34800 - East Asian Politics
- POL 40300 - Field Experience In Political Science ≥

*You must be in Upper Division to take these classes

- ECON 37000 - International Trade
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management

Program Requirements

Fall 1st Year

- MA 16010 - Applied Calculus I ♦
- ENGL 10600 - First-Year Composition ♦
or
- ENGL 10800 - Accelerated First-Year Composition ♦
- PSY 12000 - Elementary Psychology

- or
- SOC 10000 - Introductory Sociology
- UC Science - Credit Hours: 3.00
- General Elective or AP/CR by Exam/TR - Credit Hours: 2.00

15 Credits

Spring 1st Year

- MA 16020 - Applied Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication
- ECON 25100 - Microeconomics ♦
- UC Human Cultures (Humanities) - Credit Hours: 3.00
- UC Science - Credit Hours: 3.00
- MGMT 29500 - Professional Career Management

16 Credits

Fall 2nd Year

- MGMT 20000 - Introductory Accounting ♦
- CS 23500 - Introduction To Organizational Computing
- STAT 22500 - Introduction To Probability Models
- UC Science, Tech & Society - Credit Hours: 3.00
- General Elective - Credit Hours: 3.0

15 Credits

Spring 2nd Year

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

15 Credits

Fall 3rd Year

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

15 Credits

Spring 3rd Year

- MGMT 35200 - Strategic Management
- Professional Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00
- MGMT 35100 - Intermediate Accounting II
- ENGL 42000 - Business Writing

15 Credits

Fall 4th Year

- MGMT 36100 - Operations Management
- MGMT 50300 - Advanced Accounting
- MGMT 50400 - Tax Accounting
- Professional Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 2.00

14 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.

Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtxcd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).

Courses taken on approved Krannert study abroad programs may be used to satisfy degree requirements. Students participating in a Purdue approved study abroad program are registered as full-time Purdue students during their semester abroad. Schedule an appointment with your advisor to discuss study abroad opportunities.

Minors outside of the School of Management are also available.

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

Refer to myPurduePlan at www.mypurdue.purdue.edu for degree requirements

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. For more information on these undergraduate programs, please follow the link on the menu to the left.

Degree Requirements

120 Credits Required

Required Major Upper Division Courses (24 credits)

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

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

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

- ECON 49900 - Senior Honors Thesis (required GPA 3.5 or above)
- Upper Division ECON Elective. Credit Hours: 3.00
- Upper Division ECON Elective. Credit Hours: 3.00
- Upper Division ECON Elective. Credit Hours: 3.00
- Upper Division ECON Elective. Credit Hours: 3.00

Major Selectives (15-26 credits)

Complete the requirements for **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 (44-49 credits)

- MGMT 29500 - Professional Career Management ♦
- CS 23500 - Introduction To Organizational Computing *
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus

- 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 *

- University Core: Science - Credit Hours: 3.00
- University Core: Science - Credit Hours: 3.00
- University Core: Science, Technology & Society - Credit Hours: 3.00

Economics Admissions Index (EAI) Core*

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

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

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

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

Electives (21-37 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

- To be admitted to Upper Division Economics, students must complete all EAI courses with an EAI GPA of 2.75 or higher, must have a cumulative GPA of 2.50 or higher, must have a C- or higher in all required EAI and ECON courses, and must not be on academic probation.

- MA 16100 may be replaced by MA 16010 and MA 16020. A C- or higher in both MA 16010 and MA 16020 satisfies the prerequisite for MA 16200.
- A maximum of three EAI courses may be retaken one time each for a grade.
- Students are responsible for consulting their advisor about re-take options available to them.

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](#).

General Information

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

- Information on summer courses is available at www.purdue.edu/thinksummer
- Refer to www.MyPurduePlan.Purdue.edu for degree requirements.

Program Requirements

Fall 1st Year

- MA 16100 - Plane Analytic Geometry And Calculus I ♦
or
- MA 16500 - Analytic Geometry And Calculus I ♦
- ENGL 10600 - First-Year Composition ♦
or
- ENGL 10800 - Accelerated First-Year Composition ♦
- ECON 25100 - Microeconomics ♦
- General Elective or Minor - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 0.00 - 2.00

15 Credits

Spring 1st Year

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

15 Credits

Fall 2nd Year

- ECON 34000 - Intermediate Microeconomic Theory
or
- ECON 51100 - Intermediate Economics I
- STAT 35000 - Introduction To Statistics
or

- STAT 51100 - Statistical Methods
- MA 26100 - Multivariate Calculus
- CS 23500 - Introduction To Organizational Computing
- 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
- UC Science - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 3.00

15 Credits

Fall 3rd Year

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

15 Credits

Spring 3rd Year

- 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 49900 - Senior Honors Thesis
- 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

15 Credits

Spring 4th Year

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

Notes

* Completion prior to admittance to Upper Division strongly encouraged

UC Fulfills University Core requirement

CC Critical Course to satisfy EAI 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.

Economics, BS

About the Program

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

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."

Purdue offers two undergraduate degrees in Economics: a Bachelor of Science (BS) and a Bachelor of Arts (BA). 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 chose 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.

Economics Admissions Index Core (EAI)

- To be automatically admitted into upper division, students who have completed all courses in the EAI must have at least a 2.75 EAI GPA, have a cumulative GPA of 2.50 or higher, must have a C- or higher in all EAI and ECON courses, and may not be on academic probation.
- Previous enrollments in MA 16100/MA 16500 do not count in the EAI GPA if replaced with MA 16010.
- Previous enrollments in MA 16200/MA 16600 do not count in the EAI GPA if replaced with MA 16020.
- A maximum of three EAI courses may be retaken one time each for a grade.
- EAI and School of Management (Economics) Foundations courses with grades of "F" cannot be replaced by a transfer.

Degree Requirements

120 Credits Required

Required Major Upper Division Courses (24 credits)

No more than 3 Upper Division courses per semester unless at least a 2.75 overall GPA

- 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

- Upper Division ECON Elective (ECON 30100 Managerial Economics may not be used to fulfill this requirement) - Credit Hours: 3.00
- Upper Division ECON Elective (ECON 30100 Managerial Economics may not be used to fulfill this requirement) - Credit Hours: 3.00
- Upper Division ECON Elective (ECON 30100 Managerial Economics may not be used to fulfill this requirement) - Credit Hours: 3.00
- Upper Division ECON Elective (ECON 30100 Managerial Economics may not be used to fulfill this requirement) - Credit Hours: 3.00
- Upper Division ECON Elective (ECON 30100 Managerial Economics may not be used to fulfill this requirement) - Credit Hours: 3.00

Major Selectives* (12-26 credits)

Complete the requirements for a Major or Minor offered by the College of Science, College of Engineering, College of Management, or a Krannert Concentration, or an Entrepreneurship Certificate.

Other Departmental /Program Course Requirements (47-54 credits)

- MGMT 29500 - Professional Career Management ♦
- CS 23500 - Introduction To Organizational Computing *
- ENGL 42000 - Business Writing

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

- MGMT 30500 - Business Statistics
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- University Core: Human Cultures (Humanities) - Credit Hours: 3.00
- University Core: Science - Credit Hours: 3.00
- University Core: Science - Credit Hours: 3.00
- University Core: Science, Technology & Society - Credit Hours: 3.00

Economics Admissions Index (EAI) Core*

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

Electives (16-37 credits)

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

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (https://selfservice.mypurdue.purdue.edu/prod/bzwtxcrd.p_select_info) courses will only be considered if taken at a 4 year AACSB accredited school, (www.aacsb.edu).
- Courses taken on approved Krannert study abroad programs may be used to satisfy degree requirements. Students participating in a Purdue approved study abroad program are registered as full-time Purdue students during their semester abroad. Schedule an appointment with your advisor to discuss study abroad opportunities. The suggested arrangement of courses on the next page leaves the spring semester of the 3rd year open for a semester abroad.
- 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>
- Information on summer courses is available at www.purdue.edu/thinksummer.
- Refer to www.MyPurduePlan.purdue.edu for degree requirements.

International Electives

- Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.
- Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

± Also counts for UC Humanities

≈ Also counts for UC Science Technology & Society

≥ Check myPurdue for course pre-requisites

- AGEC 25000 - Economic Geography Of World Food And Resources
- AGEC 34000 - International Economic Development
- AGEC 45000 - International Agricultural Trade
- ANTH 34000 - Global Perspectives On Health
- ANTH 34100 - Culture And Personality
- CLCS 18100 - Classical World Civilizations
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 48000 - Potters And Society In Antiquity
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- ECON 37600 - Economics Of The European Union
- ECON 46600 - International Economics
- FNR 23000 - The World's Forests And Society
- HIST 10300 - Introduction To The Medieval World
- HIST 10400 - Introduction To The Modern World
- HIST 10500 - Survey Of Global History
- HIST 24000 - East Asia And Its Historic Tradition
- HIST 24300 - South Asian History And Civilizations
- HIST 32000 - The World Of Charlemagne
- HIST 32900 - History Of Women In Modern Europe
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 39200 - Caribbean History And Culture
- HIST 34000 - Modern China ±
- HIST 40300 - Europe In The Reformation

- MGMT 50900 - International Accounting
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- PHIL 11400 - Global Moral Issues
- PHIL 23000 - Religions Of The East ±
- PHIL 23100 - Religions Of The West
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations ≈
- POL 34800 - East Asian Politics
- POL 40300 - Field Experience In Political Science ≥
You must be in Upper Division to take these classes.
- ECON 37000 - International Trade
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management

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 ♦
or
- MA 16100 - Plane Analytic Geometry And Calculus I ♦
or
- MA 16500 - Analytic Geometry And Calculus I ♦
- ECON 25100 - Microeconomics ♦

- ENGL 10600 - First-Year Composition ♦
or
- ENGL 10800 - Accelerated First-Year Composition ♦
- UC Science - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 2.00

15-18 Credits

Spring 1st Year

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

15-17 Credits

Fall 2nd Year

- STAT 35000 - Introduction To Statistics
or
- STAT 51100 - Statistical Methods
- ECON 34000 - Intermediate Microeconomic Theory
- UC Science, Tech & Society - Credit Hours: 3.00
- UC Humanities - Credit Hours: 3.00
- General Elective or Minor - Credit Hours: 3.00

15 Credits

Spring 2nd Year

- ECON 36000 - Econometrics
- ECON 35200 - Intermediate Macroeconomics
- 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
- UC Science - 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

* Completion prior to admittance to upper division strongly encouraged

UC Fulfills University Core requirement

◆ Critical Course to satisfy EAI 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.

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 Upper Division Courses (27 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

Select One:

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

Major Selectives - Complete five (15 credits)

Required courses:

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

Choose three courses:

- 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

Other Departmental/Program Course Requirements (59 credits)

- MGMT 29500 - Professional Career Management ♦
- COM 11400 - Fundamentals Of Speech Communication * (*UC* satisfies Oral Communication for core)
- CS 23500 - Introduction To Organizational Computing *
- ECON 25200 - Macroeconomics (*UC* satisfies Behavioral/Social Science for core)
- ENGL 42000 - Business Writing
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- MGMT 25400 - Legal Foundations Of Business I

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

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

Management Admissions Index (MAI) Core*

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

- ECON 25100 - Microeconomics ♦ (*UC* satisfies Behavioral/Social Science for core)
- MA 16010 - Applied Calculus I ♦ (*UC* satisfies Quantitative Reasoning for core)
- MA 16020 - Applied Calculus II ♦
- MGMT 20000 - Introductory Accounting ♦

General Electives (19 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

- 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 can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/mgmt/mgmt-req-upper-div.asp>
- 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.

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](#).

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (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.

International Electives

- Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.
- Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

± Also counts for UC Humanities

≈ Also counts for UC Science Technology & Society

≥ Check myPurdue for course pre-requisites

- AGEC 25000 - Economic Geography Of World Food And Resources
- AGEC 34000 - International Economic Development
- AGEC 45000 - International Agricultural Trade
- ANTH 34000 - Global Perspectives On Health
- ANTH 34100 - Culture And Personality
- CLCS 18100 - Classical World Civilizations
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 48000 - Potters And Society In Antiquity
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- ECON 37600 - Economics Of The European Union
- ECON 46600 - International Economics
- FNR 23000 - The World's Forests And Society
- HIST 10300 - Introduction To The Medieval World
- HIST 10400 - Introduction To The Modern World
- HIST 10500 - Survey Of Global History
- HIST 24000 - East Asia And Its Historic Tradition
- HIST 24300 - South Asian History And Civilizations
- HIST 32000 - The World Of Charlemagne
- HIST 32900 - History Of Women In Modern Europe
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 39200 - Caribbean History And Culture
- HIST 34000 - Modern China ±
- HIST 40300 - Europe In The Reformation
- MGMT 50900 - International Accounting
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- PHIL 11400 - Global Moral Issues
- PHIL 23000 - Religions Of The East ±
- PHIL 23100 - Religions Of The West
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations ≈
- POL 34800 - East Asian Politics

- POL 40300 - Field Experience In Political Science ≥
You must be in Upper Division to take these classes.
- ECON 37000 - International Trade
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management

Program Requirements

Fall 1st Year

- MA 16010 - Applied Calculus I ♦
- ENGL 10600 - First-Year Composition ♦
or
- ENGL 10800 - Accelerated First-Year Composition ♦
- PSY 12000 - Elementary Psychology
or
- SOC 10000 - Introductory Sociology
- UC Science - Credit Hours: 3.00
- General Elective or AP/CR by Exam or TR Credit - Credit Hours: 2.00

15 Credits

Spring 1st Year

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

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
- UC Science, Tech & Society - 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: 2.0 Credit hours

15 Credits

Fall 3rd Year

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

15 Credits

Spring 3rd Year

- MGMT 30600 - Management Science
or
- MGMT 47200 - Advanced Spreadsheet Modeling And Simulation
or
- ECON 36000 - Econometrics
- MGMT 35200 - Strategic Management
- International Elective - Credit Hours 3.0
- Required Major Upper Division Course - Credit Hours 3.0
- Required Major Upper Division Course - Credit Hours 3.0

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

* Completion prior to admittance to upper division strongly encouraged

UC Fulfills University Core requirement

♦ Critical Course to satisfy MAI 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 motivate 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 Upper Division Courses (33 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

Major Selectives (15 credits)

Choose a minimum of 9 credit hours from the following:

- MGMT 44362 - Leadership & Organizational Change
- MGMT 44690 - Negotiation And Decision Making
- MGMT 44710 - Competitive Strategy
- MGMT 44810 - Technology Strategy

Choose up to 6 credit hours from the following:

- 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 (59 credits)

- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management ♦
- COM 11400 - Fundamentals Of Speech Communication * (*UC* satisfies Oral Communication for core)
- CS 23500 - Introduction To Organizational Computing *
- ECON 25200 - Macroeconomics (*UC* satisfies Behavioral/Social Science for core)
- ENGL 42000 - Business Writing
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- PSY 12000 - Elementary Psychology (*UC* satisfies Behavioral/Social Science for core)
- or
- SOC 10000 - Introductory Sociology (*UC* satisfies Behavioral/Social Science for core)
- Cultural Competency Selectives I - Credit Hours: 3.00
- Cultural Competency Selectives II - Credit Hours: 3.00
- University Core: Human Cultures (Humanities) - Credit Hours: 3.00
- University Core: Science - Credit Hours: 3.00
- University Core: Science - Credit Hours: 3.00
- University Core: Science, Technology & Society - Credit Hours: 3.00

Cultural Competency Selectives I (3 credits)

- ECON 37000 - International Trade
- ECON 37600 - Economics Of The European Union
- ECON 46600 - International Economics
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management
- MGMT 50900 - International Accounting

(Study Abroad courses (minimum of 3 credit hours) taken through an approved study abroad program may be used toward the Cultural Competency Selectives I.)

Cultural Competency Selectives II (3 credits)

- ANTH 23000 - Gender Across Cultures
- AAS 37300 - Issues In African American Studies
- ECON 49000 - Problems In Economics - Racial & Gender Discrimination in the Marketplace
- HIST 46900 - Black Civil Rights Movement
- HIST 47005 - Women And Health In America
- POL 22200 - Women, Politics, And Public Policy
- MGMT 29000 - Problems In Management - Women & Legal Issues
- MGMT 39000 - Junior Level Problems In Management - Gender Issues in Management
- 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 (minimum of 3 credit hours) taken through a Krannert approved study abroad program that addresses gender diversity and inclusion topics may be used toward the Cultural Competency Selections II.)

Management Admissions Index (MAI) Core*

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

*Management Admissions Index (MAI) Core Requirements

- 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 can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/mgmt/mgmt-req-upper-div.asp>
- 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.
- Previous enrollments in MA 16100, MA 16200, MA 16500, MA 16600 do not count against the retake policy for the MAI.

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.

General Electives (13 credits)

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

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (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.

Program Requirements

Fall 1st Year

- MA 16010 - Applied Calculus I ♦
- ENGL 10600 - First-Year Composition ♦
or
- ENGL 10800 - Accelerated First-Year Composition ♦
- PSY 12000 - Elementary Psychology

or

- SOC 10000 - Introductory Sociology
- UC Science - Credit Hours: 3.00
- General Elective or AP/CR by Exam/TR - Credit Hours: 2.00

15 Credits

Spring 1st Year

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

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
- UC Science, Tech & Society - 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

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

* Completion prior to admittance to upper division strongly encouraged

UC Fulfills University Core requirement

◆ Critical Course to satisfy MAI 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.

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 Upper Division Courses (30 credits)

- ECON 30100 - Managerial Economics
- 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* - Complete the following courses (17 credits)

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

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

- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- COM 11400 - Fundamentals Of Speech Communication ♦ (*satisfies Oral Communication for UC Core*)
- CS 23500 - Introduction To Organizational Computing ♦
- ECON 25200 - Macroeconomics (*satisfies Behavioral/Social Science for UC Core*)

- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- Chemistry or Physics ♦ (*satisfies Science for UC Core*) - Credit Hours: 4.00
- Chemistry or Physics ♦ (*satisfies Science for UC Core*) - Credit Hours: 3.00 - 4.00

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

- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- *UC Core -Human Cultures* - Credit Hours: 3.00
- *UC Core -Science, Technology & Society-* Credit Hours: 3.00

Chemistry or Physics ♦ (7-8 hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: PHYS 17200, 21800 & 22000

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

Management Admissions Index (MAI) Core*

- ECON 25100 - Microeconomics ♦ (*satisfies Behavioral/Social Science for UC Core*)
- ENGL 10600 - First-Year Composition ♦ (*satisfies Written Communication for UC Core*)
or
- ENGL 10800 - Accelerated First-Year Composition ♦ (*satisfies Written Communication for UC Core*)
- MA 16100 - Plane Analytic Geometry And Calculus I ♦ (*satisfies Quantitative Reasoning for UC Core*)
or
- MA 16500 - Analytic Geometry And Calculus I ♦ (*satisfies Quantitative Reasoning for UC Core*)
- MA 16200 - Plane Analytic Geometry And Calculus II ♦
or
- MA 16600 - Analytic Geometry And Calculus II ♦
- MGMT 20000 - Introductory Accounting ♦

Electives (4-7 credits)

* Management Admissions Index (MAI) Core

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

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](#).

International Electives

- Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.
- Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

± Also counts for UC Humanities

≈ Also counts for UC Science Technology & Society

≥ Check myPurdue for course pre-requisites

- AGEC 25000 - Economic Geography Of World Food And Resources
- AGEC 34000 - International Economic Development
- AGEC 45000 - International Agricultural Trade
- ANTH 34000 - Global Perspectives On Health
- ANTH 34100 - Culture And Personality
- CLCS 18100 - Classical World Civilizations
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity

- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 48000 - Potters And Society In Antiquity
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- ECON 37600 - Economics Of The European Union
- ECON 46600 - International Economics
- FNR 23000 - The World's Forests And Society
- HIST 10300 - Introduction To The Medieval World
- HIST 10400 - Introduction To The Modern World
- HIST 10500 - Survey Of Global History
- HIST 24000 - East Asia And Its Historic Tradition
- HIST 24300 - South Asian History And Civilizations
- HIST 32000 - The World Of Charlemagne
- HIST 32900 - History Of Women In Modern Europe
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 39200 - Caribbean History And Culture
- HIST 34000 - Modern China ±
- HIST 40300 - Europe In The Reformation
- MGMT 50900 - International Accounting
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- PHIL 11400 - Global Moral Issues
- PHIL 23000 - Religions Of The East ±
- PHIL 23100 - Religions Of The West
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations ≈
- POL 34800 - East Asian Politics
- POL 40300 - Field Experience In Political Science ≥
You must be in Upper Division to take these classes.
- ECON 37000 - International Trade
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management

Program Requirements

Fall 1st Year

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

- ENGL 10600 - First-Year Composition ♦
or
- ENGL 10800 - Accelerated First-Year Composition ♦
- CHM or PHYS - Credit Hours: 4.00
- PSY 12000 - Elementary Psychology
or
- SOC 10000 - Introductory Sociology

15-16 Credits

Spring 1st Year

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

16 Credits

Spring 2nd Year

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

14 Credits

Fall 3rd Year

- ENGL 42000 - Business Writing
- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- CS 18000 - Problem Solving And Object-Oriented Programming

16 Credits

Spring 3rd Year

- CS 18200 - Foundations Of Computer Science
- 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

14 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management
- MGMT 35200 - Strategic Management
- CS 25000 - Computer Architecture
- CS 25100 - Data Structures And Algorithms

- General Elective - Credit Hours: 2.00

15 Credits

Notes

UC Satisfies a University Core Requirement

* Completion prior to admittance to Upper Division strongly encouraged

◆ Critical Course to satisfy MAI 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.

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.

Industrial Management Website

Degree Requirements

120 Credits Required

Required Major Upper Division Courses (30 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 35200 - Strategic Management
- ECON 30100 - Managerial Economics
- MGMT 44428 - Human Resources Management

Major Selectives (15 credits)

Choose 4 of the following (12 credits)

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

Complete 1 of the following (3 credits)

- MGMT 42110 - Marketing Analytics
- MGMT 42500 - Marketing Research
- MGMT 46200 - Advanced Manufacturing Planning And Control Systems
- MGMT 48800 - Data-Driven Decisions In Digital Markets
- MGMT 46600 - Project Management
- ECON 36000 - Econometrics

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

- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- COM 11400 - Fundamentals Of Speech Communication ♦ * (*satisfies Oral Communication for UC Core*)
- CS 23500 - Introduction To Organizational Computing *
- ECON 25200 - Macroeconomics (*satisfies Behavioral/Social Science for UC Core*)
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- **Chemistry or Physics -Choose from below** - Credit Hours: 7.00 - 8.00 ♦ (*satisfies Science for UC Core*)
Must be completed prior to admission to Upper Division

- PSY 12000 - Elementary Psychology
or
- SOC 10000 - Introductory Sociology
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- Human Cultures (Humanities Course) - Credit Hours: 3.00 (*satisfies UC core*)
- Science, Technology, & Society - Credit Hours: 3.00 (*satisfies UC Core*)

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

Management Admissions Index (MAI) Core:

- To be admitted into Upper Division, students who have completed all courses in the MAI must have at least a 2.65 MAI GPA and a 2.40 cumulative GPA, have a C- or higher in all MAI and required School of Management courses, and may not be on academic probation.
- Requirements for Upper Division can be found online:
<http://www.krannert.purdue.edu/undergraduate/current-students/mgmt/mgmt-req-upper-div.asp>
- 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.
- ECON 25100 - Microeconomics ♦ (*satisfies Behavioral/Social Science for UC core*)
- ENGL 10600 - First-Year Composition ♦ (*satisfies Written Communication for UC core*)
or
- ENGL 10800 - Accelerated First-Year Composition ♦ (*satisfies Written Communication for UC core*)
- MA 16100 - Plane Analytic Geometry And Calculus I ♦ (*satisfies Quantitative Reasoning for UC core*)
or
- MA 16500 - Analytic Geometry And Calculus I ♦ (*satisfies Quantitative Reasoning for UC core*)
- MA 16200 - Plane Analytic Geometry And Calculus II ♦
or
- MA 16600 - Analytic Geometry And Calculus II ♦
- MGMT 20000 - Introductory Accounting ♦

Electives (6-9 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](#).

International Electives

- Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.
- Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

± Also counts for UC Humanities

≈ Also counts for UC Science Technology & Society

≥ Check myPurdue for course pre-requisites

- AGEC 25000 - Economic Geography Of World Food And Resources
- AGEC 34000 - International Economic Development
- AGEC 45000 - International Agricultural Trade
- ANTH 34000 - Global Perspectives On Health
- ANTH 34100 - Culture And Personality
- CLCS 18100 - Classical World Civilizations
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 48000 - Potters And Society In Antiquity
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- ECON 37600 - Economics Of The European Union
- ECON 46600 - International Economics
- FNR 23000 - The World's Forests And Society
- HIST 10300 - Introduction To The Medieval World
- HIST 10400 - Introduction To The Modern World
- HIST 10500 - Survey Of Global History
- HIST 24000 - East Asia And Its Historic Tradition
- HIST 24300 - South Asian History And Civilizations
- HIST 32000 - The World Of Charlemagne
- HIST 32900 - History Of Women In Modern Europe
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 39200 - Caribbean History And Culture
- HIST 34000 - Modern China ±
- HIST 40300 - Europe In The Reformation
- MGMT 50900 - International Accounting
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- PHIL 11400 - Global Moral Issues
- PHIL 23000 - Religions Of The East ±
- PHIL 23100 - Religions Of The West
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations ≈
- POL 34800 - East Asian Politics

- POL 40300 - Field Experience In Political Science \geq
You must be in Upper Division to take these classes.
- ECON 37000 - International Trade
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management

Program Requirements

Fall 1st Year

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

15-16 Credits

Spring 1st Year

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

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

15 Credits

Spring 4th Year

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

14 Credits

Notes

* Completion prior to admittance to upper division strongly encouraged

Equivalent Course Credit only given for one: PHYS 17200, PHYS 21800, PHYS 22000

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 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 (30 credits)

- ECON 30100 - Managerial Economics
- 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)

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

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

- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- COM 11400 - Fundamentals Of Speech Communication ♦ (*satisfies Oral Communication for UC Core*)
- CS 23500 - Introduction To Organizational Computing ♦
- ECON 25200 - Macroeconomics (*satisfies Behavioral/Social Science for UC Core*)

- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- Chemistry or Physics ♦ (*satisfies Science for UC Core*) - Credit Hours: 4.00
- Chemistry or Physics ♦ (*satisfies Science for UC Core*) - Credit Hours: 3.00 - 4.00

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

- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- *UC Core -Human Cultures* - Credit Hours: 3.00
- *UC Core -Science, Technology & Society-* Credit Hours: 3.00

Chemistry or Physics ♦ (7-8 hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: PHYS 17200, 21800 & 22000

- CHM 11500 - General Chemistry
- CHM 11600 - General Chemistry
- PHYS 17200 - Modern Mechanics
- PHYS 21800 - General Physics
- PHYS 21900 - General Physics II
- PHYS 22000 - General Physics
- PHYS 22100 - General Physics

- PHYS 24100 - Electricity And Optics

Management Admissions Index (MAI) Core*

- ECON 25100 - Microeconomics ♦ (*satisfies Behavioral/Social Science for UC Core*)
- ENGL 10600 - First-Year Composition ♦ (*satisfies Written Communication for UC Core*)
or
- ENGL 10800 - Accelerated First-Year Composition ♦ (*satisfies Written Communication for UC Core*)
- MA 16100 - Plane Analytic Geometry And Calculus I ♦ (*satisfies Quantitative Reasoning for UC Core*)
or
- MA 16500 - Analytic Geometry And Calculus I ♦ (*satisfies Quantitative Reasoning for UC Core*)
- MA 16200 - Plane Analytic Geometry And Calculus II ♦
or
- MA 16600 - Analytic Geometry And Calculus II ♦
- MGMT 20000 - Introductory Accounting ♦

Electives (6-9 credits)

*Management Admissions Index (MAI) Core Requirements

- To be admitted into Upper Division, students who have completed all courses in the MAI must have at least a 2.65 MAI GPA and a 2.40 cumulative GPA, have a C- or higher in all MAI and required School of Management courses, and may not be on academic probation.
- Complete MGMT 29500 with a C- or higher; Grade calculated in GPA but not for MAI. Change of Degree Objective (CODO) students who have completed a similar career development course are exempt from this requirement.
- Requirements for upper division can be found online: <http://www.krannert.purdue.edu/undergraduate/current-students/im/im-req-upper-div.asp>
- 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.

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](#).

International Electives

- Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.
- Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

± Also counts for UC Humanities

≈ Also counts for UC Science Technology & Society

≥ Check myPurdue for course pre-requisites

- AGE 25000 - Economic Geography Of World Food And Resources
- AGE 34000 - International Economic Development
- AGE 45000 - International Agricultural Trade
- ANTH 34000 - Global Perspectives On Health
- ANTH 34100 - Culture And Personality
- CLCS 18100 - Classical World Civilizations
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 48000 - Potters And Society In Antiquity
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- ECON 37600 - Economics Of The European Union
- ECON 46600 - International Economics
- FNR 23000 - The World's Forests And Society
- HIST 10300 - Introduction To The Medieval World
- HIST 10400 - Introduction To The Modern World
- HIST 10500 - Survey Of Global History
- HIST 24000 - East Asia And Its Historic Tradition
- HIST 24300 - South Asian History And Civilizations
- HIST 32000 - The World Of Charlemagne
- HIST 32900 - History Of Women In Modern Europe
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 39200 - Caribbean History And Culture
- HIST 34000 - Modern China ±

- HIST 40300 - Europe In The Reformation
- MGMT 50900 - International Accounting
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- PHIL 11400 - Global Moral Issues
- PHIL 23000 - Religions Of The East ±
- PHIL 23100 - Religions Of The West
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations ≈
- POL 34800 - East Asian Politics
- POL 40300 - Field Experience In Political Science ≥
You must be in Upper Division to take these classes.
- ECON 37000 - International Trade
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management

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 ♦
- PSY 12000 - Elementary Psychology
or
- 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
- CHM or PHYS - Credit Hours: 4.00
- UC Humanities - 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
- UC Science Tech & Society - Credit Hours: 3.00

16 Credits

Spring 2nd Year

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

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

- International Elective - Credit Hours: 3.00
- MGMT 30600 - Management Science
- OBHR 33000 - Introduction To Organizational Behavior
- ECON 30100 - Managerial Economics
- Required ECON Course - 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 - 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 ECON course - 3.0 credit hours
- Required ECON course - 3.0 credit hours
- General Elective - 2.0 credit hours

14 Credits

Notes

UC Satisfies a University Core Requirement

* Completion prior to admittance to Upper Division strongly encouraged

♦ Critical Course to satisfy MAI requirements

Graduation Index: 2.00 / 3.50 minimum

Major Index: 2.00 / 3.50 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.

Industrial Management/Economics, 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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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 (30 credits)

- ECON 30100 - Managerial Economics
- 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)

- ECON 34000 - Intermediate Microeconomic Theory
- ECON 35200 - Intermediate Macroeconomics
- ECON 30000 or 40000 level courses - Credit Hours: 3.00
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Other Departmental/Program Course Requirements (66-69 credits)

- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- COM 11400 - Fundamentals Of Speech Communication ♦ (*satisfies Oral Communication for UC Core*)
- CS 23500 - Introduction To Organizational Computing ♦
- ECON 25200 - Macroeconomics (*satisfies Behavioral/Social Science for UC Core*)

- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- Chemistry or Physics ♦ (*satisfies Science for UC Core*) - Credit Hours: 4.00
- Chemistry or Physics ♦ (*satisfies Science for UC Core*) - Credit Hours: 3.00 - 4.00

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

- International Elective - Credit Hours: 3.00

- International Elective - Credit Hours: 3.00
- *UC Core -Human Cultures* - Credit Hours: 3.00
- *UC Core -Science, Technology & Society-* Credit Hours: 3.00

Chemistry or Physics ♦ (7-8 hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: PHYS 17200, 21800 & 22000

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

Management Admissions Index (MAI) Core*

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

Electives (6-9 credits)

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- To be admitted into Upper Division, students who have completed all courses in the MAI must have at least a 2.65 MAI GPA and a 2.40 cumulative GPA, have a C- or higher in all MAI and required School of Management courses, and may not be on academic probation.

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University Core Requirements

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- 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](#).

International Electives

- Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.
- Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

± Also counts for UC Humanities

≈ Also counts for UC Science Technology & Society

≥ Check myPurdue for course pre-requisites

- AGECE 25000 - Economic Geography Of World Food And Resources
- AGECE 34000 - International Economic Development
- AGECE 45000 - International Agricultural Trade
- ANTH 34000 - Global Perspectives On Health
- ANTH 34100 - Culture And Personality
- CLCS 18100 - Classical World Civilizations
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 38000 - Alexander The Great and Hellenistic World

- CLCS 48000 - Potters And Society In Antiquity
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
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- ECON 46600 - International Economics
- FNR 23000 - The World's Forests And Society
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- PHIL 11400 - Global Moral Issues
- PHIL 23000 - Religions Of The East ±
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- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations ≈
- POL 34800 - East Asian Politics
- POL 40300 - Field Experience In Political Science ≥
You must be in Upper Division to take these classes.
- ECON 37000 - International Trade
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management

Additional Requirements

Select here for additional lists.

Program Requirements

Fall 1st Year

- MA 16100 - Plane Analytic Geometry And Calculus I ♦

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

15-16 Credits

Spring 1st Year

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

15 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I

- ECON 25200 - Macroeconomics
- International Elective - Credit Hours: 3.00
- MGMT 25400 - Legal Foundations Of Business I

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

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

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- General Elective - 3.0 Credit Hours
- MGMT 36100 - Operations Management
- Required 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 ECON Course - 3.0 credit hours
- Required ECON Course - 3.0 credit hours
- General Elective - 2.0 credit hours

14 Credits

Notes

*Completion prior to admittance to Upper Division strongly encouraged

◆ Critical Course to satisfy MAI requirements

Graduation Index: 2.00 minimum / 3.50 minimum

Major Index: 2.00 / 3.50 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.

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Industrial Management/Engineering, BSIM

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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 Upper Division Courses (30 credits)

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- MGMT 30600 - Management Science
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- 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* - Complete 5 of the following courses (15 credits)

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

- IE 59000 - Topics In Industrial Engineering

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

- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- COM 11400 - Fundamentals Of Speech Communication ♦ (*satisfies Oral Communication for UC Core*)
- CS 23500 - Introduction To Organizational Computing ♦
- ECON 25200 - Macroeconomics (*satisfies Behavioral/Social Science for UC Core*)

- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- Chemistry or Physics ♦ (*satisfies Science for UC Core*) - Credit Hours: 4.00
- Chemistry or Physics ♦ (*satisfies Science for UC Core*) - Credit Hours: 3.00 - 4.00

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

- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- *UC Core -Human Cultures* - Credit Hours: 3.00
- *UC Core -Science, Technology & Society*- Credit Hours: 3.00

Chemistry or Physics ♦ (7-8 hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: PHYS 17200, 21800 & 22000

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

Management Admissions Index (MAI) Core*

- ECON 25100 - Microeconomics ♦ (*satisfies Behavioral/Social Science for UC Core*)
- ENGL 10600 - First-Year Composition ♦ (*satisfies Written Communication for UC Core*)

- or
- ENGL 10800 - Accelerated First-Year Composition ♦ (*satisfies Written Communication for UC Core*)
- MA 16100 - Plane Analytic Geometry And Calculus I ♦ (*satisfies Quantitative Reasoning for UC Core*)
- or
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- MA 16200 - Plane Analytic Geometry And Calculus II ♦
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- MA 16600 - Analytic Geometry And Calculus II ♦
- MGMT 20000 - Introductory Accounting ♦

Electives (6-9 credits)

* Management Admissions Index (MAI) Core

- To be admitted into Upper Division, students who have completed all courses in the MAI must have at least a 2.65 MAI GPA and a 2.40 cumulative GPA, have a C- or higher in all MAI and required School of Management courses, and may not be on academic probation.
- Requirements for Upper Division can be found online:
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- Science #1
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Prerequisite Information:

For current pre-requisites for courses, [click here](#).

International Electives

- Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.
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≥ Check myPurdue for course pre-requisites

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- AGEC 34000 - International Economic Development
- AGEC 45000 - International Agricultural Trade
- ANTH 34000 - Global Perspectives On Health
- ANTH 34100 - Culture And Personality
- CLCS 18100 - Classical World Civilizations
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
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- HIST 10400 - Introduction To The Modern World
- HIST 10500 - Survey Of Global History
- HIST 24000 - East Asia And Its Historic Tradition
- HIST 24300 - South Asian History And Civilizations
- HIST 32000 - The World Of Charlemagne
- HIST 32900 - History Of Women In Modern Europe
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 39200 - Caribbean History And Culture
- HIST 34000 - Modern China ±
- HIST 40300 - Europe In The Reformation
- MGMT 50900 - International Accounting
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- PHIL 11400 - Global Moral Issues
- PHIL 23000 - Religions Of The East ±
- PHIL 23100 - Religions Of The West
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations ≈
- POL 34800 - East Asian Politics

- POL 40300 - Field Experience In Political Science \geq
You must be in Upper Division to take these classes.
- ECON 37000 - International Trade
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management

Program Requirements

Fall 1st Year

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

15-16 Credits

Spring 1st Year

- MA 16200 - Plane Analytic Geometry And Calculus II ♦
or
- MA 16600 - Analytic Geometry And Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication
- CHM or PHYS ♦ - Credit Hours: 4.00
- UC Humanities - Credit Hours: 3.00
- MGMT 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
- UC Science, Tech & Society - Credit Hours: 3.00

16 Credits

Spring 2nd Year

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

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

- International Elective - Credit Hours: 3.00
- MGMT 30600 - Management Science
- OBHR 33000 - Introduction To Organizational Behavior
- ECON 30100 - Managerial Economics
- 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 - 3.0 credit hours
- Required Engineering Course - 3.0 credit hours
- General Elective - 2.0 credit hours

14 Credits

Notes

*Completion prior to admittance to Upper Division strongly encouraged

◆ Critical Course to satisfy MAI 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.

Additional Requirements

Select here for additional lists.

Industrial Management/Financial 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.

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 (30 credits)

- ECON 30100 - Managerial Economics
- 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* - Complete 5 of the following courses (15 credits)

- MGMT 41100 - Investment Management
- 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
- MGMT 41150 - Futures and Options
- 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 Financial Engineering (Summer Only)

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

- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- COM 11400 - Fundamentals Of Speech Communication ♦ (*satisfies Oral Communication for UC Core*)
- CS 23500 - Introduction To Organizational Computing ♦
- ECON 25200 - Macroeconomics (*satisfies Behavioral/Social Science for UC Core*)
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- Chemistry or Physics ♦ (*satisfies Science for UC Core*) - Credit Hours: 4.00
- Chemistry or Physics ♦ (*satisfies Science for UC Core*) - Credit Hours: 3.00 - 4.00
- PSY 12000 - Elementary Psychology
or
- SOC 10000 - Introductory Sociology
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- *UC Core -Human Cultures* - Credit Hours: 3.00
- *UC Core -Science, Technology & Society*- Credit Hours: 3.00

Chemistry or Physics ♦ (7-8 hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: PHYS 17200, 21800 & 22000

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

Management Admissions Index (MAI) Core*

- ECON 25100 - Microeconomics ♦ (*satisfies Behavioral/Social Science for UC Core*)
- ENGL 10600 - First-Year Composition ♦ (*satisfies Written Communication for UC Core*)
or
- ENGL 10800 - Accelerated First-Year Composition ♦ (*satisfies Written Communication for UC Core*)
- MA 16100 - Plane Analytic Geometry And Calculus I ♦ (*satisfies Quantitative Reasoning for UC Core*)
or
- MA 16500 - Analytic Geometry And Calculus I ♦ (*satisfies Quantitative Reasoning for UC Core*)
- MA 16200 - Plane Analytic Geometry And Calculus II ♦
or
- MA 16600 - Analytic Geometry And Calculus II ♦
- MGMT 20000 - Introductory Accounting ♦

Electives (6-9 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.

International Electives

- Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.
- Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

± Also counts for UC Humanities

≈ Also counts for UC Science Technology & Society

≥ Check myPurdue for course pre-requisites

- AGECE 25000 - Economic Geography Of World Food And Resources
- AGECE 34000 - International Economic Development
- AGECE 45000 - International Agricultural Trade
- ANTH 34000 - Global Perspectives On Health
- ANTH 34100 - Culture And Personality
- CLCS 18100 - Classical World Civilizations
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 48000 - Potters And Society In Antiquity
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- ECON 37600 - Economics Of The European Union
- ECON 46600 - International Economics
- FNR 23000 - The World's Forests And Society
- HIST 10300 - Introduction To The Medieval World
- HIST 10400 - Introduction To The Modern World
- HIST 10500 - Survey Of Global History
- HIST 24000 - East Asia And Its Historic Tradition
- HIST 24300 - South Asian History And Civilizations
- HIST 32000 - The World Of Charlemagne
- HIST 32900 - History Of Women In Modern Europe
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 39200 - Caribbean History And Culture
- HIST 34000 - Modern China ±
- HIST 40300 - Europe In The Reformation
- MGMT 50900 - International Accounting

- SOC 33900 - Introduction To The Sociology Of Developing Nations
- PHIL 11400 - Global Moral Issues
- PHIL 23000 - Religions Of The East ±
- PHIL 23100 - Religions Of The West
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations ≈
- POL 34800 - East Asian Politics
- POL 40300 - Field Experience In Political Science ≥
You must be in Upper Division to take these classes.
- ECON 37000 - International Trade
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management

* Management Admissions (MAI) Core

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

Additional Requirements

Select here for additional lists.

Program Requirements

Fall 1st Year

- MA 16100 - Plane Analytic Geometry And Calculus I ♦
or
- MA 16500 - Analytic Geometry And Calculus I ♦
- ENGL 10600 - First-Year Composition
or
- ENGL 10800 - Accelerated First-Year Composition

- CHM or PHYS ♦ - Credit Hours: 4.00
- PSY 12000 - Elementary Psychology
or
- SOC 10000 - Introductory Sociology

15-16 Credits

Spring 1st Year

- MA 16200 - Plane Analytic Geometry And Calculus II ♦
or
- MA 16600 - Analytic Geometry And Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication
- CHM or PHYS ♦ - Credit Hours: 4.00
- UC Humanities - Credit Hours: 3.00
- MGMT 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
- UC Core - Science, Tech & Society - Credit Hours: 3.00

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- 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

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

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- General Elective - Credit Hours: 3.00
- MGMT 36100 - Operations Management
- Required IMFE Course - Credit Hours: 3.00
- General Elective - 3.0 Credit Hours

15 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management
- MGMT 35200 - Strategic Management
- Required IMFE Course - 3.0 credit hours
- Required IMFE Course - 3.0 credit hours

- General Elective - 2.0 credit hours

14 Credits

Note

*Completion prior to admittance to Upper Division strongly encouraged

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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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.

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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.

Industrial Management Website

Degree Requirements

120 Credits Required

Required Major Upper Division Courses (30 credits)

- ECON 30100 - Managerial Economics
- 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* - Complete the following courses (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 (66-69 credits)

- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- COM 11400 - Fundamentals Of Speech Communication ♦ (*satisfies Oral Communication for UC Core*)
- CS 23500 - Introduction To Organizational Computing ♦
- ECON 25200 - Macroeconomics (*satisfies Behavioral/Social Science for UC Core*)

- ENGL 42000 - Business Writing

- MA 26100 - Multivariate Calculus
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- Chemistry or Physics ♦ (*satisfies Science for UC Core*) - Credit Hours: 4.00
- Chemistry or Physics ♦ (*satisfies Science for UC Core*) - Credit Hours: 3.00 - 4.00

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

- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- *UC Core -Human Cultures* - Credit Hours: 3.00
- *UC Core -Science, Technology & Society-* Credit Hours: 3.00

Chemistry or Physics ♦ (7-8 hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: PHYS 17200, 21800 & 22000

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

Management Admissions Index (MAI) Core*

- ECON 25100 - Microeconomics ♦ (*satisfies Behavioral/Social Science for UC Core*)

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

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

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

- MGMT 20000 - Introductory Accounting ♦

* Management Admissions Index (MAI) Core

- To be admitted into Upper Division, students who have completed all courses in the MAI must have at least a 2.65 MAI GPA and a 2.40 cumulative GPA, have a C- or higher in all MAI and required School of Management courses, and may 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 with a C- or higher prior to admission to Upper Division Industrial Management.

Electives (6-9 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](#).

International Electives

- Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.
- Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

± Also counts for UC Humanities

≈ Also counts for UC Science Technology & Society

≥ Check myPurdue for course pre-requisites

- AGE 25000 - Economic Geography Of World Food And Resources
- AGE 34000 - International Economic Development
- AGE 45000 - International Agricultural Trade
- ANTH 34000 - Global Perspectives On Health
- ANTH 34100 - Culture And Personality
- CLCS 18100 - Classical World Civilizations
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 48000 - Potters And Society In Antiquity
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- ECON 37600 - Economics Of The European Union
- ECON 46600 - International Economics
- FNR 23000 - The World's Forests And Society
- HIST 10300 - Introduction To The Medieval World
- HIST 10400 - Introduction To The Modern World
- HIST 10500 - Survey Of Global History
- HIST 24000 - East Asia And Its Historic Tradition
- HIST 24300 - South Asian History And Civilizations
- HIST 32000 - The World Of Charlemagne
- HIST 32900 - History Of Women In Modern Europe
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 39200 - Caribbean History And Culture
- HIST 34000 - Modern China ±
- HIST 40300 - Europe In The Reformation
- MGMT 50900 - International Accounting
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- PHIL 11400 - Global Moral Issues
- PHIL 23000 - Religions Of The East ±
- PHIL 23100 - Religions Of The West
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations ≈
- POL 34800 - East Asian Politics
- POL 40300 - Field Experience In Political Science ≥
You must be in Upper Division to take these classes.
- ECON 37000 - International Trade
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management

Additional Requirements

Select here for additional lists.

Program Requirements

Fall 1st Year

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

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

15-16 Credits

Spring 1st Year

- MA 16200 - Plane Analytic Geometry And Calculus II ♦
or
- MA 16600 - Analytic Geometry And Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication
- CHM or PHYS ♦ - Credit Hours: 4.00
- UC Core -Humanities - 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
- UC Core -Science, Tech & Society - Credit Hours: 3.00

16 Credits

Spring 2nd Year

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

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

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

15 Credits

Fall 4th Year

- MGMT 36100 - Operations Management
- MGMT 54400 - Database Management Systems
- MGMT 54500 - Systems Development
- 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
- MGMT 48800 - Data-Driven Decisions In Digital Markets
- MGMT 54700 - Computer Communications Systems
- General Elective - Credit Hours: 2.00

14 Credits

Note

* Completion prior to admittance to Upper Division strongly encouraged

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

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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 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 (30 credits)

- ECON 30100 - Managerial Economics
- 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)

Complete the following courses (9 credits)

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

Complete two of the following courses (6 credits)

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

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

- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- COM 11400 - Fundamentals Of Speech Communication ♦ (*satisfies Oral Communication for UC Core*)
- CS 23500 - Introduction To Organizational Computing ♦
- ECON 25200 - Macroeconomics (*satisfies Behavioral/Social Science for UC Core*)

- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- Chemistry or Physics ♦ (*satisfies Science for UC Core*) - Credit Hours: 4.00
- Chemistry or Physics ♦ (*satisfies Science for UC Core*) - Credit Hours: 3.00 - 4.00

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

- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- *UC Core -Human Cultures* - Credit Hours: 3.00
- *UC Core -Science, Technology & Society-* Credit Hours: 3.00

Chemistry or Physics ♦ (7-8 hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: PHYS 17200, 21800 & 22000

- CHM 11500 - General Chemistry
- CHM 11600 - General Chemistry
- PHYS 17200 - Modern Mechanics
- PHYS 21800 - General Physics
- PHYS 21900 - General Physics II

- PHYS 22000 - General Physics
- PHYS 22100 - General Physics
- PHYS 24100 - Electricity And Optics

Management Admissions Index (MAI) Core*

- ECON 25100 - Microeconomics ♦ (*satisfies Behavioral/Social Science for UC Core*)
- ENGL 10600 - First-Year Composition ♦ (*satisfies Written Communication for UC Core*)
or
- ENGL 10800 - Accelerated First-Year Composition ♦ (*satisfies Written Communication for UC Core*)
- MA 16100 - Plane Analytic Geometry And Calculus I ♦ (*satisfies Quantitative Reasoning for UC Core*)
or
- MA 16500 - Analytic Geometry And Calculus I ♦ (*satisfies Quantitative Reasoning for UC Core*)
- MA 16200 - Plane Analytic Geometry And Calculus II ♦
or
- MA 16600 - Analytic Geometry And Calculus II ♦
- MGMT 20000 - Introductory Accounting ♦

Electives (6-9 credits)

* Management Admissions Index (MAI) Core

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

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](#).

International Electives

- Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.
- Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

± Also counts for UC Humanities

≈ Also counts for UC Science Technology & Society

≥ Check myPurdue for course pre-requisites

- AGECE 25000 - Economic Geography Of World Food And Resources
- AGECE 34000 - International Economic Development
- AGECE 45000 - International Agricultural Trade
- ANTH 34000 - Global Perspectives On Health
- ANTH 34100 - Culture And Personality
- CLCS 18100 - Classical World Civilizations
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 48000 - Potters And Society In Antiquity
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- ECON 37600 - Economics Of The European Union
- ECON 46600 - International Economics
- FNR 23000 - The World's Forests And Society
- HIST 10300 - Introduction To The Medieval World
- HIST 10400 - Introduction To The Modern World
- HIST 10500 - Survey Of Global History
- HIST 24000 - East Asia And Its Historic Tradition
- HIST 24300 - South Asian History And Civilizations
- HIST 32000 - The World Of Charlemagne
- HIST 32900 - History Of Women In Modern Europe
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 39200 - Caribbean History And Culture

- HIST 34000 - Modern China ±
- HIST 40300 - Europe In The Reformation
- MGMT 50900 - International Accounting
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- PHIL 11400 - Global Moral Issues
- PHIL 23000 - Religions Of The East ±
- PHIL 23100 - Religions Of The West
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations ≈
- POL 34800 - East Asian Politics
- POL 40300 - Field Experience In Political Science ≥
You must be in Upper Division to take these classes.
- ECON 37000 - International Trade
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management

Additional Requirements

Select Industrial Management-Manufacturing and Service Operations BSIM International Electives.pdf and Industrial Management-Manufacturing and Service Operations BSIM International Electives (2).pdf for additional lists.

Program Requirements

Fall 1st Year

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

15-16 Credits

Spring 1st Year

- MA 16200 - Plane Analytic Geometry And Calculus II ♦
or
- MA 16600 - Analytic Geometry And Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication
- CHM or PHYS ♦ - Credit Hours: 4.00
- UC Core -Humanities - 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
- UC Core - Science, Tech & Society - Credit Hours: 3.00

16 Credits

Spring 2nd Year

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

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

- International Elective - Credit Hours: 3.00
- MGMT 30600 - Management Science
- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 36100 - Operations Management
- MGMT 40500 - Six Sigma And Quality Management

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- ECON 30100 - Managerial Economics
- MGMT 45200 - Manufacturing Strategy And Process Innovation
- 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
- MGMT 46200 - Advanced Manufacturing Planning And Control Systems
- Required IMMS Course - Credit Hours: 3.00
- General Elective - Credit Hours: 2.00

14 Credits

Note

* Completion prior to admittance to Upper Division strongly encouraged

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/Operations & Supply Chain Management, 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 Upper Division Courses (30 credits)

- ECON 30100 - Managerial Economics
- 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)

Complete the following courses (6 credits)

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

Complete 3 of the following courses (9 credits)

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

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

- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- COM 11400 - Fundamentals Of Speech Communication ♦ (*satisfies Oral Communication for UC Core*)
- CS 23500 - Introduction To Organizational Computing ♦
- ECON 25200 - Macroeconomics (*satisfies Behavioral/Social Science for UC Core*)

- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- Chemistry or Physics ♦ (*satisfies Science for UC Core*) - Credit Hours: 4.00
- Chemistry or Physics ♦ (*satisfies Science for UC Core*) - Credit Hours: 3.00 - 4.00

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

- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- *UC Core -Human Cultures* - Credit Hours: 3.00
- *UC Core -Science, Technology & Society-* Credit Hours: 3.00

Chemistry or Physics ♦ (7-8 hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: PHYS 17200, 21800 & 22000

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

Management Admissions Index (MAI) Core*

- ECON 25100 - Microeconomics ♦ (*satisfies Behavioral/Social Science for UC Core*)

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

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

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

- MGMT 20000 - Introductory Accounting ♦

Electives (6-9 credits)

*Management Admissions Index (MAI) Core

- 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 can be found online:
<http://www.krannert.purdue.edu/undergraduate/current-students/mgmt/mgmt-req-upper-div.asp>
- 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.

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](#).

International Electives

- Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.
- Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

± Also counts for UC Humanities

≈ Also counts for UC Science Technology & Society

≥ Check myPurdue for course pre-requisites

- AGE 25000 - Economic Geography Of World Food And Resources
- AGE 34000 - International Economic Development
- AGE 45000 - International Agricultural Trade
- ANTH 34000 - Global Perspectives On Health
- ANTH 34100 - Culture And Personality
- CLCS 18100 - Classical World Civilizations
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 48000 - Potters And Society In Antiquity
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- ECON 37600 - Economics Of The European Union
- ECON 46600 - International Economics
- FNR 23000 - The World's Forests And Society
- HIST 10300 - Introduction To The Medieval World
- HIST 10400 - Introduction To The Modern World
- HIST 10500 - Survey Of Global History
- HIST 24000 - East Asia And Its Historic Tradition
- HIST 24300 - South Asian History And Civilizations
- HIST 32000 - The World Of Charlemagne
- HIST 32900 - History Of Women In Modern Europe
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 39200 - Caribbean History And Culture
- HIST 34000 - Modern China ±
- HIST 40300 - Europe In The Reformation
- MGMT 50900 - International Accounting
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- PHIL 11400 - Global Moral Issues
- PHIL 23000 - Religions Of The East ±
- PHIL 23100 - Religions Of The West
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations ≈
- POL 34800 - East Asian Politics
- POL 40300 - Field Experience In Political Science ≥
You must be in Upper Division to take these classes.
- ECON 37000 - International Trade
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management

Program Requirements

Fall 1st Year

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

- ENGL 10600 - First-Year Composition ♦
or
- ENGL 10800 - Accelerated First-Year Composition ♦
- CHM or PHYS (CC) - Credit Hours: 4.00

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

15-16 Credits

Spring 1st Year

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

- COM 11400 - Fundamentals Of Speech Communication
- CHM or PHYS (CC) - Credit Hours: 4.00
- UC Humanities - 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
- UC Science, Tech & Society - Credit Hours: 3.00

16 Credits

Spring 2nd Year

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

15 Credits

Fall 3rd Year

- ENGL 42000 - Business Writing
- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 46400 - Logistics: Concepts And Models
- MGMT 36100 - Operations Management

15 Credits

Spring 3rd Year

- International Elective - Credit Hours: 3.00
- MGMT 30600 - Management Science
- OBHR 33000 - Introduction To Organizational Behavior
- ECON 30100 - Managerial Economics
- MGMT 46300 - Supply Chain Analytics

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- MGMT 32400 - Marketing Management
- Required OSCM Course - Credit Hours: 3.00
- Required OSCM Course - Credit Hours: 3.00
- General Elective - 3.0 credit hours

15 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management
- MGMT 35200 - Strategic Management
- Required OSCM Course - 3.0 credit hours
- General Elective - 3.0 credit hours
- General Elective - 2.0 Credit hours

14 Credits

Notes

* Completion prior to admittance to Upper Division strongly encouraged

UC Fulfills University Core requirement

CC Critical Course to satisfy MAI 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.

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 Upper Division Courses (30 credits)

- ECON 30100 - Managerial Economics
- 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* - Complete 1 of the following Science Concentrations (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 (66-69 credits)

- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- COM 11400 - Fundamentals Of Speech Communication ♦ (*satisfies Oral Communication for UC Core*)
- CS 23500 - Introduction To Organizational Computing ♦
- ECON 25200 - Macroeconomics (*satisfies Behavioral/Social Science for UC Core*)

- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models
- Chemistry or Physics ♦ (*satisfies Science for UC Core*) - Credit Hours: 4.00
- Chemistry or Physics ♦ (*satisfies Science for UC Core*) - Credit Hours: 3.00 - 4.00

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

- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- *UC Core -Human Cultures* - Credit Hours: 3.00
- *UC Core -Science, Technology & Society-* Credit Hours: 3.00

Chemistry or Physics ♦ (7-8 hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: PHYS 17200, 21800 & 22000

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

Management Admissions Index (MAI) Core*

- ECON 25100 - Microeconomics ♦ (*satisfies Behavioral/Social Science for UC Core*)

- ENGL 10600 - First-Year Composition ♦ (*satisfies Written Communication for UC Core*)
or
- ENGL 10800 - Accelerated First-Year Composition ♦ (*satisfies Written Communication for UC Core*)
- MA 16100 - Plane Analytic Geometry And Calculus I ♦ (*satisfies Quantitative Reasoning for UC Core*)
or
- MA 16500 - Analytic Geometry And Calculus I ♦ (*satisfies Quantitative Reasoning for UC Core*)
- MA 16200 - Plane Analytic Geometry And Calculus II ♦
or
- MA 16600 - Analytic Geometry And Calculus II ♦
- MGMT 20000 - Introductory Accounting ♦

Electives (0-9 credits)

* Management Admissions Index (MAI) Core

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

International Electives

- Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.
- Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

± Also counts for UC Humanities

≈ Also counts for UC Science Technology & Society

≥ Check myPurdue for course pre-requisites

- AGECE 25000 - Economic Geography Of World Food And Resources
- AGECE 34000 - International Economic Development
- AGECE 45000 - International Agricultural Trade
- ANTH 34000 - Global Perspectives On Health

- ANTH 34100 - Culture And Personality
- CLCS 18100 - Classical World Civilizations
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 48000 - Potters And Society In Antiquity
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- ECON 37600 - Economics Of The European Union
- ECON 46600 - International Economics
- FNR 23000 - The World's Forests And Society
- HIST 10300 - Introduction To The Medieval World
- HIST 10400 - Introduction To The Modern World
- HIST 10500 - Survey Of Global History
- HIST 24000 - East Asia And Its Historic Tradition
- HIST 24300 - South Asian History And Civilizations
- HIST 32000 - The World Of Charlemagne
- HIST 32900 - History Of Women In Modern Europe
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 39200 - Caribbean History And Culture
- HIST 34000 - Modern China ±
- HIST 40300 - Europe In The Reformation
- MGMT 50900 - International Accounting
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- PHIL 11400 - Global Moral Issues
- PHIL 23000 - Religions Of The East ±
- PHIL 23100 - Religions Of The West
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations ≈
- POL 34800 - East Asian Politics
- POL 40300 - Field Experience In Political Science ≥
You must be in Upper Division to take these classes.
- ECON 37000 - International Trade
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management

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

Select Industrial Management-Science BSIM International Electives.pdf and Industrial Management-Science BSIM International Electives (2).pdf for additional lists.

Program Requirements

Fall 1st Year

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

15-16 Credits

Spring 1st Year

- MA 16200 - Plane Analytic Geometry And Calculus II ♦
or
- MA 16600 - Analytic Geometry And Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication
- CHM or PHYS ♦ - Credit Hours: 4.00
- UC Core -Humanities - 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
- UC Core - Science, Tech & Society - Credit Hours: 3.00

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics
- International Elective - Credit Hours: 3.0
- MGMT 25400 - Legal Foundations Of Business I

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

- International Elective - Credit Hours: 3.00
- MGMT 30600 - Management Science

- OBHR 33000 - Introduction To Organizational Behavior
- ECON 30100 - Managerial Economics
- Required Science Minor Course - 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 - 3.0 credit hours
- General Elective - 3.0 credit hours

15 Credits

Spring 4th Year

- MGMT 44428 - Human Resources Management
- MGMT 35200 - Strategic Management
- Required Science Minor Course - 3.0 credit hours
- Required Science Minor Course - 3.0 credit hours
- General Elective - 2.0 credit hours

14 Credits

Note

* Completion prior to admittance to Upper Division strongly encouraged

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, 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.

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 (30 credits)

- ECON 30100 - Managerial Economics

- 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* - Complete 15 credit hours from the following courses (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 20000 - Thermodynamics I
- ME 27000 - Basic Mechanics I
- MSE 23000 - Structure And Properties Of Materials
- MSE 23500 - Materials Properties Laboratory
- NUCL 20000 - Introduction to Nuclear Engineering
- PHYS 24100 - Electricity And Optics

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

- MGMT 25400 - Legal Foundations Of Business I
- MGMT 29500 - Professional Career Management
- COM 11400 - Fundamentals Of Speech Communication ♦ (*satisfies Oral Communication for UC Core*)
- CS 23500 - Introduction To Organizational Computing ♦
- ECON 25200 - Macroeconomics (*satisfies Behavioral/Social Science for UC Core*)
- ENGL 42000 - Business Writing
- MA 26100 - Multivariate Calculus
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models

- Chemistry or Physics ♦ (*satisfies Science for UC Core*) - Credit Hours: 4.00
- Chemistry or Physics ♦ (*satisfies Science for UC Core*) - Credit Hours: 3.00 - 4.00
- PSY 12000 - Elementary Psychology
or
- SOC 10000 - Introductory Sociology
- International Elective - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00
- *UC Core -Human Cultures* - Credit Hours: 3.00
- *UC Core -Science, Technology & Society-* Credit Hours: 3.00

Chemistry or Physics ♦ (7-8 hours must be completed prior to admission to Upper Division)

Equivalent courses, credit given for only one: PHYS 17200, 21800 & 22000

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

Management Admissions Index (MAI) Core*

- ECON 25100 - Microeconomics ♦ (*satisfies Behavioral/Social Science for UC Core*)
- ENGL 10600 - First-Year Composition ♦ (*satisfies Written Communication for UC Core*)
or
- ENGL 10800 - Accelerated First-Year Composition ♦ (*satisfies Written Communication for UC Core*)
- MA 16100 - Plane Analytic Geometry And Calculus I ♦ (*satisfies Quantitative Reasoning for UC Core*)
or
- MA 16500 - Analytic Geometry And Calculus I ♦ (*satisfies Quantitative Reasoning for UC Core*)
- MA 16200 - Plane Analytic Geometry And Calculus II ♦
or
- MA 16600 - Analytic Geometry And Calculus II ♦
- MGMT 20000 - Introductory Accounting ♦

Electives (6-9 credits)

Management Admissions Index (MAI) Core Requirements

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

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](#).

International Electives

- Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.
- Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

± Also counts for UC Humanities

≈ Also counts for UC Science Technology & Society

≥ Check myPurdue for course pre-requisites

- AGEC 25000 - Economic Geography Of World Food And Resources
- AGEC 34000 - International Economic Development
- AGEC 45000 - International Agricultural Trade
- ANTH 34000 - Global Perspectives On Health

- ANTH 34100 - Culture And Personality
- CLCS 18100 - Classical World Civilizations
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 48000 - Potters And Society In Antiquity
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- ECON 37600 - Economics Of The European Union
- ECON 46600 - International Economics
- FNR 23000 - The World's Forests And Society
- HIST 10300 - Introduction To The Medieval World
- HIST 10400 - Introduction To The Modern World
- HIST 10500 - Survey Of Global History
- HIST 24000 - East Asia And Its Historic Tradition
- HIST 24300 - South Asian History And Civilizations
- HIST 32000 - The World Of Charlemagne
- HIST 32900 - History Of Women In Modern Europe
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 39200 - Caribbean History And Culture
- HIST 34000 - Modern China ±
- HIST 40300 - Europe In The Reformation
- MGMT 50900 - International Accounting
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- PHIL 11400 - Global Moral Issues
- PHIL 23000 - Religions Of The East ±
- PHIL 23100 - Religions Of The West
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations ≈
- POL 34800 - East Asian Politics
- POL 40300 - Field Experience In Political Science ≥
You must be in Upper Division to take these classes.
- ECON 37000 - International Trade
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management

Program Requirements

Fall 1st Year

- MA 16100 - Plane Analytic Geometry And Calculus I ♦

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

15-16 Credits

Spring 1st Year

- MA 16200 - Plane Analytic Geometry And Calculus II ♦
- or
- MA 16600 - Analytic Geometry And Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication
- CHM or PHYS (CC) - Credit Hours: 4.00
- UC Humanities - 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
- UC Science, Tech & Society - Credit Hours: 3.00

16 Credits

Spring 2nd Year

- STAT 22500 - Introduction To Probability Models
- MGMT 20100 - Management Accounting I
- ECON 25200 - Macroeconomics

- International Elective - Credit Hours: 3.00
- MGMT 25400 - Legal Foundations Of Business I

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

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

15 Credits

Fall 4th Year

- MGMT 38200 - Management Information Systems
- General Elective - 3.0 credit hours
- MGMT 36100 - Operations Management
- Required STEM Courses - 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 - 3.0 credit hours
- Required STEM course - 3.0 credit hours
- General Elective - 3.0 credit hours

14 Credits

Notes

* Completion prior to admittance to Upper Division strongly encouraged

UC Fulfills University Core requirement

◆ Critical Course to satisfy MAI 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.

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 Upper Division Courses (27 credits)

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30500 - Business Statistics
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 35200 - Strategic Management
- ECON 30100 - Managerial Economics

Major Selectives* - Select 5 of the following courses (15 credits)

- MGMT 42210 - International Marketing
- MGMT 42300 - New Product Development
- MGMT 42500 - Marketing Research
- MGMT 42610 - Brand Management
- MGMT 42910 - Experiential Marketing (Instructor Permission Required)
- MGMT 42110 - Marketing Analytics
- MGMT 42710 - Digital And Social Media Marketing

- COM 25600 - Introduction To Advertising
- AGECE 33100 - Principles Of Selling In Agricultural Business

Other Departmental/Program Course Requirements (56 credits)

- MGMT 29500 - Professional Career Management (CC)
- COM 11400 - Fundamentals Of Speech Communication (◇ *UC* satisfies Oral Communication for core)
- CS 23500 - Introduction To Organizational Computing (◇)
- ECON 25200 - Macroeconomics (*UC* satisfies Behavioral/Social Science for core)
- ENGL 42000 - Business Writing
- MGMT 20100 - Management Accounting I
- STAT 22500 - Introduction To Probability Models

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

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

Management Admissions Index (MAI) Core*

- ECON 25100 - Microeconomics (CC, *UC* satisfies Behavioral/Social Science for core)

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

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

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (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.

Electives (Complete enough electives to equal at least 22 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

- 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 can be found online:
<http://www.krannert.purdue.edu/undergraduate/current-students/mgmt/mgmt-req-upper-div.asp>
- 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.

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](#).

International Electives

- Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.
- Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

± Also counts for UC Humanities

≈ Also counts for UC Science Technology & Society

≥ Check myPurdue for course pre-requisites

- AGEC 25000 - Economic Geography Of World Food And Resources
- AGEC 34000 - International Economic Development
- AGEC 45000 - International Agricultural Trade
- ANTH 34000 - Global Perspectives On Health
- ANTH 34100 - Culture And Personality
- CLCS 18100 - Classical World Civilizations
- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 48000 - Potters And Society In Antiquity
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- ECON 37600 - Economics Of The European Union
- ECON 46600 - International Economics
- FNR 23000 - The World's Forests And Society
- HIST 10300 - Introduction To The Medieval World
- HIST 10400 - Introduction To The Modern World
- HIST 10500 - Survey Of Global History
- HIST 24000 - East Asia And Its Historic Tradition
- HIST 24300 - South Asian History And Civilizations
- HIST 32000 - The World Of Charlemagne
- HIST 32900 - History Of Women In Modern Europe
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 39200 - Caribbean History And Culture
- HIST 34000 - Modern China ±
- HIST 40300 - Europe In The Reformation
- MGMT 50900 - International Accounting
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- PHIL 11400 - Global Moral Issues
- PHIL 23000 - Religions Of The East ±
- PHIL 23100 - Religions Of The West
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations ≈
- POL 34800 - East Asian Politics
- POL 40300 - Field Experience In Political Science ≥
You must be in Upper Division to take these classes.
- ECON 37000 - International Trade
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management

Program Requirements

Fall 1st Year

- MA 16010 - Applied Calculus I ♦
- ENGL 10600 - First-Year Composition ♦
or
- ENGL 10800 - Accelerated First-Year Composition ♦
- PSY 12000 - Elementary Psychology
or
- SOC 10000 - Introductory Sociology
- UC Science - Credit Hours: 3.00
- General Electives or AP/CR by Exam/TR - Credit Hours: 2.00

15 Credits

Spring 1st Year

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

15 Credits

Fall 2nd Year

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

15 Credits

Spring 2nd Year

- MGMT 20100 - Management Accounting I

- MGMT 30500 - Business Statistics
- ECON 25200 - Macroeconomics
- UC Science - Credit Hours: 3.00
- MGMT 29500 - Professional Career Management
- General Elective - Credit Hours: 2.00

15 Credits

Fall 3rd Year

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

15 Credits

Spring 3rd Year

- MGMT 25400 - Legal Foundations Of Business I
- Marketing Major Course - Credit Hours: 3.00
- Marketing Major Course - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00

15 Credits

Fall 4th Year

- ECON 30100 - Managerial Economics
- MGMT 38200 - Management Information Systems
- MGMT 36100 - Operations Management
- Marketing Major Course - Credit Hours: 3.00
- International Elective - Credit Hours: 3.00

15 Credits

Spring 4th Year

- MGMT 35200 - Strategic Management
- MRKT Major Course - 3.0 credit hours
- MRKT Major Course - 3.0 credit hours
- General Elective - 3.0 credit hours
- General Elective - 3.0 credit hours

15 Credits

Notes

* Completion prior to admittance to Upper Division strongly encouraged

UC Fulfills University Core requirement

◆ Critical Course to satisfy MAI 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.

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 Upper Division Courses (42 credits)

- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 30500 - Business Statistics
- MGMT 30600 - Management Science
- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- MGMT 25400 - Legal Foundations Of Business I
- MGMT 36100 - Operations Management
- MGMT 38200 - Management Information Systems
- MGMT 44428 - Human Resources Management
- MGMT 35200 - Strategic Management
- MGMT 47200 - Advanced Spreadsheet Modeling And Simulation
- MGMT 46300 - Supply Chain Analytics
- MGMT 54400 - Database Management Systems
- ECON 30100 - Managerial Economics

Major Selectives* - Choose one or more career tracks (9 credits/track)

1. Business Analytics

Successfully complete the following two courses:

- MGMT 40500 - Six Sigma And Quality Management
- MGMT 47300 - Data Mining

And successfully complete at least one of the following courses:

- MGMT 47400 - Predictive Analytics
- MGMT 46400 - Logistics: Concepts And Models
- ECON 36000 - Econometrics

2. Management Information Systems

Successfully complete the following two courses:

- MGMT 28800 - Programming For Business Applications
- MGMT 54500 - Systems Development

And successfully complete at least one of the following courses:

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

3. Supply Chain and Operations Management

Successfully complete the following two courses:

- MGMT 46400 - Logistics: Concepts And Models
- MGMT 46200 - Advanced Manufacturing Planning And Control Systems

And successfully complete at least one of the following courses:

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

Other Departmental/Program Course Requirements (56 credits)

- MGMT 29500 - Professional Career Management (CC)

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

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

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

Management Admissions Index (MAI) Core*

- ECON 25100 - Microeconomics (CC, *UC* satisfies Behavioral/Social Science for core)

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

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

Electives (13 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

- 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 can be found online:
<http://www.krannert.purdue.edu/undergraduate/current-students/mgmt/mgmt-req-upper-div.asp>
- 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.

General Information

- MGMT, OBHR and ECON courses numbered 30000 or higher can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (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.

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](#).

International Electives

- Any foreign language course - 20100, 20200, 30100, 30200, 40100, and 40200 not in your native language. Foreign language course cannot be taught in English.
- Global or international courses (3-6 credits) taken at an approved Purdue study abroad program may be used toward the International Elective with advisor approval.

± Also counts for UC Humanities

≈ Also counts for UC Science Technology & Society

≥ Check myPurdue for course pre-requisites

- AGE 25000 - Economic Geography Of World Food And Resources
- AGE 34000 - International Economic Development
- AGE 45000 - International Agricultural Trade
- ANTH 34000 - Global Perspectives On Health
- ANTH 34100 - Culture And Personality
- CLCS 18100 - Classical World Civilizations

- CLCS 23700 - Gender And Sexuality In Greek And Roman Antiquity
- CLCS 38000 - Alexander The Great and Hellenistic World
- CLCS 48000 - Potters And Society In Antiquity
- COM 22400 - Communicating In The Global Workplace
- COM 30300 - Intercultural Communication
- CSR 33200 - Cross-Cultural Marketing And International Retailing
- ECON 37600 - Economics Of The European Union
- ECON 46600 - International Economics
- FNR 23000 - The World's Forests And Society
- HIST 10300 - Introduction To The Medieval World
- HIST 10400 - Introduction To The Modern World
- HIST 10500 - Survey Of Global History
- HIST 24000 - East Asia And Its Historic Tradition
- HIST 24300 - South Asian History And Civilizations
- HIST 32000 - The World Of Charlemagne
- HIST 32900 - History Of Women In Modern Europe
- HIST 34300 - Traditional Japan
- HIST 34400 - History Of Modern Japan
- HIST 39200 - Caribbean History And Culture
- HIST 34000 - Modern China ±
- HIST 40300 - Europe In The Reformation
- MGMT 50900 - International Accounting
- SOC 33900 - Introduction To The Sociology Of Developing Nations
- PHIL 11400 - Global Moral Issues
- PHIL 23000 - Religions Of The East ±
- PHIL 23100 - Religions Of The West
- POL 13000 - Introduction To International Relations
- POL 14100 - Governments Of The World
- POL 23500 - International Relations Among Rich And Poor Nations
- POL 23700 - Modern Weapons And International Relations ≈
- POL 34800 - East Asian Politics
- POL 40300 - Field Experience In Political Science ≥
You must be in Upper Division to take these classes.
- ECON 37000 - International Trade
- MGMT 41500 - International Financial Management
- MGMT 42210 - International Marketing
- MGMT 45900 - International Management

Program Requirements

Fall 1st Year

- MA 16010 - Applied Calculus I ♦
- ENGL 10600 - First-Year Composition ♦

- or
- ENGL 10800 - Accelerated First-Year Composition ♦
- PSY 12000 - Elementary Psychology
- or
- SOC 10000 - Introductory Sociology
- UC Science - Credit Hours: 3.00
- General Electives or AP/CR by Exam/TR - Credit Hours: 2.00

15 Credits

Spring 1st Year

- MA 16020 - Applied Calculus II ♦
- COM 11400 - Fundamentals Of Speech Communication
- ECON 25100 - Microeconomics ♦
- UC Science - Credit Hours: 3.00
- UC Human Cultures (Humanities) - Credit Hours: 3.00
- MGMT 29500 - Professional Career Management ♦

16 Credits

Fall 2nd Year

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

15 Credits

Spring 2nd Year

- MGMT 20100 - Management Accounting I
- MGMT 30500 - Business Statistics
- ECON 25200 - Macroeconomics
- MGMT 25400 - Legal Foundations Of Business I
- General Elective - Credit Hours: 3.00

15 Credits

Fall 3rd Year

- MGMT 31000 - Financial Management
- MGMT 32400 - Marketing Management
- OBHR 33000 - Introduction To Organizational Behavior
- MGMT 38200 - Management Information Systems
- MGMT 30600 - Management Science

15 Credits

Spring 3rd Year

- MGMT 47200 - Advanced Spreadsheet Modeling And Simulation
- MGMT 35200 - Strategic Management
- ENGL 42000 - Business Writing
- International Elective - 6.0 credit hours

15 Credits

Fall 4th Year

- MGMT 36100 - Operations Management
- MGMT 44428 - Human Resources Management
- ECON 30100 - Managerial Economics
- MGMT 46300 - Supply Chain Analytics
- MGMT 54400 - Database Management Systems

15 Credits

Spring 4th Year

- Required SCIA course - Credit Hours: 3.00
- Required SCIA course - Credit Hours: 3.00
- Required SCIA course - Credit Hours: 3.00
- General Elective - Credit Hours: 3.00
- General Elective - Credit Hours: 2.00

14 Credits

Notes

* Completion prior to admittance to Upper Division strongly encouraged

UC Fulfills University Core requirement

◆ Critical Course to satisfy MAI requirements

General Information:

- MGMT, OBHR and ECON courses numbered 30000 or higher can only be taken after being admitted to Upper Division.
- Transfer credit for upper level MGMT, OBHR and ECON (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.

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Certificate

Advanced Accountancy 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.

To complete the requirements for the Certificate a student must

Complete 150 credit hours

Take four of the six additional courses offered in accounting

- MGMT 50700 - Advanced Federal Income Taxes
- MGMT 50900 - International Accounting
- MGMT 53000 - Financial Statement Analysis
- MGMT 53100 - Government/Not-For-Profit Accounting
- MGMT 53200 - Forensic Accounting And Fraud Examination
- MGMT 59000 - Directed Readings In Management

Take 5 classes from selected lists of Management courses and courses in communication, ethics, leadership and general education

Note

Students are encouraged to take multiple internships (particularly one in spring semester of their fourth year) and study abroad. For those students seeking a position in public accounting, you are encouraged begin taking a CPA exam review course in their last semester before graduation (or in the summer following graduation).

Program Requirements

1. Candidates for the Certificate will be undergraduate accounting majors and will complete at least 150 credit hours, consisting of the coursework that makes up the undergraduate accounting major and the additional 27 credit hours of coursework for the Certificate as detailed below.
2. Candidates for the Certificate will take four 3-credit accounting electives from the following list: MGMT 50700 - Advanced Federal Income Taxes, MGMT 50900 - International Accounting, MGMT 53000 - Financial Statement Analysis, MGMT 53100 - Government/Not-For-Profit Accounting, MGMT 53200 - Forensic Accounting And Fraud Examination, MGMT 59000 - Directed Readings In Management and other advanced accounting electives as offered. Candidates must earn a grade of C or better in each accounting course that they wish to count towards the Certificate.

- Candidates for the Certificate will take 5 classes from the following two lists, with a minimum of 2 classes from each list.

List A

- 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

- COM 31400 - Advanced Presentational Speaking
- COM 31800 - Principles Of Persuasion
- COM 32500 - Interviewing: Principles And Practice
- OLS 27400 - Applied Leadership
- PHIL 11100 - Ethics
- PHIL 12000 - Critical Thinking
- PHIL 15000 - Principles Of Logic
- POL 10100 - American Government And Politics
- SOC 31200 - American Society

Summary of Accounting Electives Available to Certificate Students as of the 2017-2018 Academic Year

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 - 3.00 credit hours

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Entrepreneurship and Innovation Certificate

Requirements

Purdue's Certificate in Entrepreneurship and Innovation Program is designed with flexibility in mind. Participating students must take the equivalent of five, 3-credit courses in the following categories:

- Two required "core" courses (6 credits)
- Two "option" courses (typically 6 credits)
- One "capstone" course or experience (typically 3 credits)

In some cases, students will be permitted to substitute an additional capstone for one of the required option courses. A grade of C- or higher is required for certificate-related courses.

Two Required Courses

The intent of required core courses is to provide students with fundamental language, knowledge, leadership and communication skills related to entrepreneurship and innovation. The content in these courses answer the questions "what is entrepreneurship" and "how do you do entrepreneurship". Required core courses are offered solely by the Certificate in Entrepreneurship and Innovation.

[Click here](#) to learn more about ENTR 20000 - Introduction To Entrepreneurship And Innovation and ENTR 31000 - Marketing And Management For New Ventures.

Option Courses

The intent of option courses is to provide students with discipline or industry/market-specific depth in areas which are relevant to entrepreneurship and/or innovation. The content of ENTR 20000 and ENTR 31000 should be relevant to these courses, and complement or enhance the learning. Option courses are offered by departments across the university as well as the Certificate in Entrepreneurship and Innovation.

Options courses should deliver knowledge and skills that accomplish one or more of the following:

- Deepen students' understanding of areas pertinent to entrepreneurship that will improve their chances of success in creating new business ventures (e.g. leadership, professional selling, new product development, technology strategy).
- Build awareness of opportunities for venture development in specific industries or markets.
- Increase students' ability to create economic or social value in an entrepreneurial way.
- Allow students to expand the markets in which they will operate (e.g. business language courses, global entrepreneurship programs).

Students can choose option courses from the approved course list found below. [Click here](#) to learn more about an option course developed by the Certificate in Entrepreneurship and Innovation.

Capstone Course or Experience

The intent of capstone courses or experiences is to provide students with hands-on, real-world entrepreneurial or innovation related experiences, which can include developing business plans for new business ventures, involvement in the product innovation and technology commercialization process, or an approved internship in an early-stage company. Capstone courses and experiential programs are offered by departments across the university as the Certificate in Entrepreneurship and Innovation.

Capstone courses or experiences should provide closure and coherence to the Certificate in Entrepreneurship and Innovation Program and include one or more of the following:

- Culminating experiences in which students are expected integrate and apply knowledge from previous ENTR and option courses.
- Launching pads for new products or new business ventures.
- Marketable experiences to prospective employers.

Skills utilized and assessed should include the ability to:

- Work constructively in groups and on teams.
- Understand theories and perspectives of the discipline.
- Identify and assess opportunities.
- Use library and other resources to perform research.
- Evaluate critically what is read and heard.
- Demonstrate high order thinking.
- Make reasoned decisions.
- Communicate persuasively.

Possible capstones include:

- Involvement in launching your own venture through the Entrepreneurship Capstone course (ENTR 48000). [Prerequisites: ENTR 20000 and ENTR 31000]
- Consulting for Emerging Enterprises through the Entrepreneurship Capstone course. (ENTR 48000 *special section/instructor approval required). [Prerequisites: ENTR 20000 and ENTR 31000]
- Internships through the Interns for Indiana Program.
- Global Entrepreneurship study-abroad program organized and led by Certificate Program faculty and staff (SA 10705).

Students can choose capstone courses from the approved course list found below. [Click here](#) to learn more about capstone courses offered by the Certificate in Entrepreneurship and Innovation.

Program Requirements

Students must take the equivalent of five courses in the following categories:

Two Required Core Courses (6 credits)

- ENTR 20000 - Introduction To Entrepreneurship And Innovation
- ENTR 31000 - Marketing And Management For New Ventures (formerly ENTR 20100)

Two Option Courses (typically 6 credits)

Option courses provide depth in specific disciplines or industries relevant to entrepreneurship and innovation.

Courses designated "OPEN" on the approved list are available to all certificate program students, where space permits and pre-requisites have been met.

One Capstone Course or Experience (typically 3 credits)

Capstones are designed to provide hands-on, real-world experience to students. This can include courses or participation in the Interns for Indiana/ Interns for Entrepreneurship Program

Students will be permitted to substitute an additional capstone for one of the required option courses.

The Process

To enter the Program students should enroll in ENTR 20000. Those interested in receiving the Certificate will fill out a Completion Plan when enrolled in ENTR 31000.

Grade of C- or higher must be obtained in all courses used toward Certificate Completion.

Required Entrepreneurship Courses

- ENTR 20000 - Introduction To Entrepreneurship And Innovation
- ENTR 31000 - Marketing And Management For New Ventures

Other Entrepreneurship Courses

- ENTR 39000 - Special Topics In Entrepreneurship And Innovation
or
- MGMT 39000 - Junior Level Problems In Management
- ENTR 46000 - Internship And Career Preparation Seminar
- ENTR 47000 - Women And Leadership

Entrepreneurship Capstone Courses & Experiential Programs

- ENTR 39699 - Interns for Indiana Experience
- ENTR 48000 - Entrepreneurship Capstone
- ENTR 48100 - Consulting For Emerging Enterprises
- ENTR 48200 - Venture Planning Capstone
- Global Entrepreneurship Study Abroad

Additional Approved Experiential Programs (Study Abroad & Internships)

- Tec de Monterrey, Mexico - Contact Glenda at gcaudill@purdue.edu
- DIS Copenhagen, Copenhagen, Denmark - Contact Glenda at gcaudill@purdue.edu
- GEM Trailblazer Summer NTU Singapore, Tracks 2 and 4 - Contact April Roblillos at robillos@purdue.edu
- Universita Bocconi, Milan, Italy, Purdue Exchange - Contact Glenda at gcaudill@purdue.edu
- University College Dublin's Quinn, Sch. of Business, Dublin, Ireland - Contact Glenda at gcaudill@purdue.edu
- Tilburg University Summer School Entrepreneurship Prgrm - Contact Glenda at gcaudill@purdue.edu
- Discovery Park Undergraduate Research Internship - For more information, contact Lisa Kirkham at lkirkham@purdue.edu
- Cancer Prevention Internship Program - For more information, contact Amy Childress at childres@purdue.edu

Agriculture

- AGEC 33000 - Management Methods For Agricultural Business
- AGEC 33100 - Principles Of Selling In Agricultural Business
- AGEC 42400 - Financial Management Of Agricultural Business
- AGEC 32700 - Principles Of Food And Agribusiness Marketing and
- AGEC 42700 - Advanced Agribusiness Marketing
- AGEC 42900 - Agribusiness Marketing Workshop
- AGEC 43000 - Agricultural And Food Business Strategy or
- AGEC 53000 - Strategic Agribusiness Management
- AGR 49000 - Special Problems SERVE Community-Project Strategies Laboratory (this title only)
- ANSC 44000 - Horse Management
- ANSC 49400 - Animals And Food Security: International Services Learning
- ASM 49400 - Project Planning And Management or
- ABE 49500 - Select Topics In Agricultural And Biological Engineering
- FS 44300 - Food Product Design (Capstone)
- HORT 43500 - Principles Of Marketing And Management For Horticultural Businesses
- YDAE 49100 - Special Topics In Youth Development And Agricultural Education Engagement Methods for Int' Food Security-in Haiti (this title only)

Education

- EDPS 30000 - Student Leadership Development

Engineering

- ABE 48400 - Project Planning And Management

- and
- ABE 48600 - Agricultural Engineering Design
- or
- ASM 49400 - Project Planning And Management
- and
- ASM 49500 - Agricultural Systems Management Capstone Project
- and
- ABE 48500 - Agricultural Engineering Project Management And Design

- ABE 55700 - Transport Operations In Food And Biological Systems II
- ABE 55800 - Process Design For Food And Biological Systems
- ABE 59100 - Special Topics Special Topics on Bionanotechnology (This title only) Biological Foundations for bioMEMS and bionanotechnology (This title only)
- AAE 25100 - Introduction To Aerospace Design
- AAE 35103 - Aerospace Systems Design
- AAE 45000 - Spacecraft Design
- AAE 45100 - Aircraft Design
- AAE 45400 - Design Of Aerospace Structures
- AAE 53500 - Propulsion Design, Build, Test

- BME 48800 - Preliminary Senior Project Design
- and
- BME 48900 - Senior Design Project Lab
- and
- BME 49000 - Professional Elements Of Design

- CE 35500 - Engineering Environmental Sustainability
- or
- EEE 35500 - Engineering Environmental Sustainability

- CE 52100 - Construction Business Management
- CE 52400 - Legal Aspects In Engineering Practice
- CE 59700 - Civil Engineering Projects
- CHE 45000 - Design And Analysis Of Processing Systems

- ECE 27900 - Sophomore Participation In Vertically Integrated Projects In Electrical And Computer Engineering
- or
- ECE 37900 - Junior Participation In Vertically Integrated Projects (VIP) In Electrical And Computer Engineering
- or
- ECE 47900 - Senior Participation In Vertically Integrated Projects (VIP) In Electrical And Computer Engineering

- ECE 49595 - Selected Topics In Electrical And Computer Engineering
- ECE 47700 - Digital Systems Senior Project
- EEE 48000 - Environmental And Ecological Engineering Senior Design
- ENGR 29600 - Experimental Courses Fundamentals of Innovation Theory and Practice (this title only)
- EPCS courses - EPICS Participation - Note: Total of 3 credits over 2 semesters.
- EPCS at the 40000 level - Senior Participation in EPICS - Total of 3 credit hours of 400 level over 2 semesters

- IE 34300 - Engineering Economics
- IE 54500 - Engineering Economic Analysis
- IE 54600 - Economic Decisions In Engineering
- IE 56600 - Production Management Control
- IE 59000 - Topics In Industrial Engineering Financial Engineering (this title only)
- IDE 48500 - Multidisciplinary Engineering Design Project
- ME 26300 - Introduction To Mechanical Engineering Design, Innovation And Entrepreneurship
- ME 44400 - Computer-Aided Design And Prototyping
- ME 46300 - Engineering Design
- ME 49700 - Mechanical Engineering Projects Product Dvlpmnt-Design Process (this title only)
- ME 55300 - Product And Process Design
- ME 55400 - Intellectual Property For Engineers
- MSE 59700 - Selected Topics In Materials Engineering
- NUCL 47000 - Fuel Cell Engineering

Health and Human Sciences

- CSR 30900 - Leadership Strategies
- CSR 40600 - E-Retailing
- HK 38500 - Methods Of Health Promotion And Education
- HK 42400 - Health And Fitness Program Management
- HTM 31200 - Human Resources Management For The Service Industries
- HTM 44100 - Financial Management For The Hospitality Industry
- HTM 49900 - Feasibility Studies And Business Development In Hospitality And Tourism
- NUR 41701 - Leadership In Nursing

Liberal Arts

- COM 31400 - Advanced Presentational Speaking
- CHNS 22400 - Chinese Level IV Business Chinese
- ENGL 42000 - Business Writing (for Entrepreneurship Certificate Students)*
- FR 22400 - Business French I
- FVS 26100 - Technical Video Production I
- FVS 44200 - Digital Film Production
- GER 42400 - Business German
- GER 52400 - German For International Trade
- SPAN 42400 - Business Spanish

Management

- MGMT 17500 - Information Strategies For Management
- MGMT 30400 - Introduction To Financial Management
- MGMT 39000 - Junior Level Problems In Management New Business Ventures and the Law (this title only)

or

- ENTR 39000 - Special Topics In Entrepreneurship And Innovation New Business Ventures and the Law (this title only)
- MGMT 42300 - New Product Development
- MGMT 42910 - Experiential Marketing
- MGMT 48400 - Management Of Entrepreneurial Ventures
- MGMT 48800 - Data-Driven Decisions In Digital Markets
- MGMT 49000 - Problems In Industrial Management Technology Strategy (this title only) Social Entrepreneurship (this title only) Student Managed Venture Fund (this title only)
- MGMT 59000 - Directed Readings In Management

Pharmacy

- PHRM 49000 - Special Topics Business Plan Competition (this title only)
- PHRM 83100 - Health Care Systems
- PHRM 84900 - Population Health Management
- PHRM 87000 - Health Policy Applications
- PHRM 86900 - Practice Management And Marketing Of Professional Services

Polytechnic Institute

- AT 49800 - Aviation Technology Capstone
- BCM 45500 - Construction Company Management
- CGT 41100 - Contemporary Problems In Applied Computer Graphics
and
- CGT 45000 - Professional Practices
- CNIT 48000 - Managing Information Technology Projects
- ECET 43000 - Electrical And Electronic Product And Program Management
and
- ECET 46000 - Project Design And Development
- IET 45100 - Monetary Analysis For Industrial Decisions
- IT 22600 - Biotechnology Laboratory I
- IT 33000 - Industrial Sales And Sales Management
- IT 43400 - Global Transportation And Logistics Management
- MET 40100 - Capstone Projects I
and
- MET 40200 - Capstone Projects II
- OLS 37500 - Training Methods
- OLS 37600 - Human Resource Issues
- TLI 21400 - Introduction To Supply Chain Management Technology

- TLI 31400 - Leading Innovation In Organizations
- TLI 31500 - New Product Development
- TLI 33400 - Economic Analysis For Technology Systems

Science

- COM 21700 - Science Writing And Presentation
- CS 40700 - Software Engineering Senior Project
- CS 49000 - Topics In Computer Sciences For Undergraduates
- "Great Issues" - All Great Issues in Science Courses-view link for specific offerings - http://www.science.purdue.edu/Current_Students/curriculum_and_degree_requirements/great-issues.html

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Minor

Business Economics Minor

15 Credits Required

Requirements for the Minor

Business Economics Minor is not available to Economic Majors

Required Courses (9 credits)

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

Economics Upper-Division Electives (6 credits)

At least one course from the following list:

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

- ECON 46100 - Industrial Organization
- Upper Division ECON Elective

Notes

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.

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Economics Minor

15 Credits Required

Requirements for the Minor

Required Courses (6 credits)

Principles of Microeconomics and Macroeconomics

- ECON 25100 - Microeconomics
- ECON 25200 - Macroeconomics

Required Courses (3 credit Hours)

Intermediate Theory

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

Economics Electives (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 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 49900 - Senior Honors Thesis
- ECON 51100 - Intermediate Economics I
- ECON 51200 - Intermediate Economics II
- ECON 56200 - Econometrics I
- ECON 39000 - Junior Level Problems In Economics

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 2XXXX) 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/bzwtxcd.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

15 Credits Required

Requirements for the Minor:

Required Core Courses: (6 credits)

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

Advanced Topic Course List: (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

Note:

List information about specific requirements:

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

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Management Minor

18 Credits Required

Requirements for the Minor

Required Courses (9 credits)

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

Elective Courses - Choose 3 (9 credits)

Courses with a ♦ are non-major courses and do not require permission or overrides for non-Krannert students:

- MGMT 30400 - Introduction To Financial Management ♦
or
- MGMT 31000 - Financial Management *
- MGMT 30500 - Business Statistics *
- MGMT 32300 - Principles Of Marketing ♦
or
- MGMT 32400 - Marketing Management *
- MGMT 35000 - Intermediate Accounting I *
- MGMT 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
*
- MGMT 44301 - Management Of Human Resources
or
- OBHR 33000 - Introduction To Organizational Behavior *
- Krannert approved Study Abroad course

Notes

- 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/bzwtxcd.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.

* 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>

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.