The University of Minnesota-Twin Cities offers many majors that will help you forge a path to a successful career in business! The list below includes the business-related majors found at the U of M. The following pages provide detailed information about the options available to transfer students within six colleges at the U of M.

**Next steps**

- Carefully review the information about the major and college that interests you.
- Check out important application deadlines at [http://admissions.tc.umn.edu/admissioninfo/trans_deadlines.html](http://admissions.tc.umn.edu/admissioninfo/trans_deadlines.html)
- Apply for admission at [http://admissions.tc.umn.edu/apply](http://admissions.tc.umn.edu/apply).

If you would like to work with an adviser to ensure that you have met the prerequisite requirements and to discuss whether you are a strong candidate for admission, you may contact that college directly. Contact information is provided for each college on the pages that follow.

Thank you for your interest in the University of Minnesota, and stay in touch!

### Business-related majors

- Accounting (CSOM)
- Agricultural Education (track in Agricultural Leadership and Communication)
- Agricultural and Food Business Management (CFANS)
- Agricultural Industries and Marketing (CFANS)
- Animal Science (Industry track) (CFANS)
- Applied Economics (CFANS)
- Bioproducts Marketing and Management (CFANS)
- Business and Marketing Education (CEHD)
- Communication Studies (CLA)
- Computer Science (CLA - B.A.) (CSE - B.S.C.S.)
- Construction Management (CCE)
- Economics (CLA)
- English (CLA)
- Entrepreneurial Management (CSOM)
- Environmental Sciences, Policy and Management (track in Corporate Environmental Management or Policy, Planning, Law, and Society)
- Finance (CSOM)
- Finance and Risk Management (CSOM)
- Global Studies (CLA)

### Self-designed degree programs

- Inter-College Program (ICP) (CCE)
  - Multidisciplinary Studies track
  - Traditional track

### Minors

- Applied Economics (CFANS)
- Construction Management (CCE)
- Corporate Environmental Management (CFANS)
- Economics (CLA)
- Housing Studies (CDes)

### Certificates

- Bachelor of Individualized Studies (BIS) (CLA)
- Individually Designed Interdepartmental Major (IDIM) (CLA)

For a full list of certificate programs at the University of Minnesota (such as Direct Marketing, Accounting, Industrial Relations, and more) please visit [http://cce.umn.edu/Programs-and-Courses/Certificates/index.html](http://cce.umn.edu/Programs-and-Courses/Certificates/index.html).
Accounting (Carlson School of Management)

Accounting is the process of gathering financial information and presenting it in a manner that will help others make better decisions. Accountants also are frequently called upon to analyze financial information and provide important business advice. The terms and definitions that have emerged from the discipline of accounting are used widely within industry. In fact, accounting is commonly described as the “language of business.”

With increased automation over the years, the role of accountants has changed dramatically. Accountants have become recognized as valued business advisers and important members of an organization’s management team.

The major areas of study within the accounting curriculum are financial accounting, management accounting, income taxation, auditing, and business law.

Agricultural Education – Agricultural Leadership and Communications track

(College of Food, Agricultural and Natural Resource Sciences)

Graduates of the program are prepared for formal and non-formal teaching positions as well as organizational and business career opportunities that emphasize leadership and communication skills.

Students who complete the agricultural leadership and communications specialization seek career paths in organizations and businesses within food, agriculture, and natural resources.

Agricultural & Food Business Management (College of Food, Agricultural & Natural Resource Sciences)

The agricultural and food business management major is offered jointly by CFANS and the Carlson School of Management. The curriculum emphasizes concepts and methods from economics and business management and their use in identifying, analyzing, and solving management problems related to food, agriculture, natural resources, and economic development. The program provides a balance between applied economics and business management studies, with a limited amount of applied science. Students may elect a variety of courses in their junior and senior years to accommodate special interests and career goals.

Graduates of the curriculum are prepared for a wide range of employment opportunities in the food system and other agribusinesses. Examples of employment areas include finance and banking, management, input, commodity and food marketing, sales, administration, public and industrial relations, production management, economic and statistical analysis, managerial accounting, management information systems, and transportation.

Agricultural Industries and Marketing (College of Food, Agricultural and Natural Resource Sciences)

This major prepares students for careers in agricultural industries. Industries related to modern agriculture include manufacturers and distributors of farm production inputs (such as equipment, structures, health products, seeds, fertilizers, and crop protection products); assemblers, processors, manufacturers, and distributors of products originating from farms (products such as meat, milk, eggs, wool, grains, fruits, vegetables, nursery crops, flowers, and turf); and finance and insurance industries providing agricultural credit. Agribusinesses such as these, as well as state, federal, and marketing agencies, need individuals who have a broad education in the scientific (and technical) aspects of agriculture, effective work and communication skills, and quantitative and qualitative skills to solve business problems.

The scientific knowledge and technical skills necessary to become an effective agribusiness professional are provided through requirements in the basic and agricultural sciences and are strengthened by selection of one of three areas of emphasis: crops and soils industries, food industries, or an individualized emphasis.

Animal Science – Industry Track (College of Food, Agricultural and Natural Resource Sciences)

The animal science major within the Industry track prepares students to work as managers and technical advisers for animal production systems, various careers in animal industries or biotechnology, or graduate study in animal related specializations. Students in the Industry track will learn to select and purchase new merchandise for a feed, genetics, or animal health company’s line; market small and large animal pharmaceutical, feed, and management products to businesses and producers; and manage the business operations for a pet store, feed, or livestock supply company, in addition to much more.
**Applied Economics** *(College of Food, Agricultural and Natural Resource Sciences)*

The applied economics major prepares students for careers in private industry, government agencies, agribusiness, or graduate work. Students may choose one of six professional application clusters: management and finance; marketing; food retailing; trade and development; resources and environment; or regional and public economics. Students may also, in consultation with their adviser, develop an individualized application cluster.

The curriculum emphasizes fundamental written and oral communication skills and a strong foundation in mathematics and economic principles and their applications. Areas of employment for graduates include management, finance, marketing and international trade, domestic and international development, environmental impact assessment, resource management and use, and government-related work in planning, taxation, and development. Entry-level jobs are often in merchandising and sales, credit analysis, management, and other customer contact areas.

**Bioproducts Marketing and Management** *(College of Food, Agricultural and Natural Resource Sciences)*

Bio-based products are materials, chemicals, and energy derived from renewable, bio-resources, including forestry, agriculture, and other biomass. Many of the commercial products and forms of energy that we use today and come from depleting fossil fuels can be derived from renewable, bio-resources. The molecular building blocks and components of biomass can be harnessed to heat homes, run cars, light buildings, and provide industrial and consumer products. These products include fibers and fiber-based products, paper, board, engineered wood, structural panels, wood-based composites, renewable plastics, and bio-derived chemicals and fuels.

This major provides students with a strong foundation in the sustainable use of bio-resources while protecting the environment. The interdisciplinary bio-based products major combines coursework in science, engineering, technology, and business—all related to the manufacturing and end-use applications of materials, products, and energy from renewable resources.

Students choose one of the following two areas of specialization: bio-based products marketing and management or residential building science and technology. In addition, the department also offers a minor in bio-based products engineering that enables students in any of the basic sciences and engineering majors to gain a better understanding of and appreciation for sustainable use of the renewable resources.

**Business and Marketing Education** *(College of Education and Human Development)*

This major is a business degree with heart and substance, emphasizing the educational, technological, and human aspects of business, sales, and marketing. It provides a broad background in all areas of business with an emphasis on practical, real-world skills. Access to internships, experiential learning, and learning abroad opportunities resulting in excellent preparation for careers and advanced study in a variety of fields.

**Communication Studies** *(College of Liberal Arts)*

This program examines human communication using humanistic and social scientific methods. Fields of study include speech making, rhetorical criticism, ethics, interpersonal, small group, organizational, intercultural, and electronic (broadcasting, cable, satellite, Internet) forms of communication.

**Computer Science – Bachelor of Arts** *(College of Liberal Arts)*

Computer science concerns the study of the hardware, software, and theoretical aspects of high-speed computing devices and the application of these devices to a broad spectrum of scientific, technological, and business problems. The curriculum gives students a basic understanding of computer science. After completing a required set of fundamental courses, students can arrange their subsequent work around one of several emphases within computer science. The program prepares student for a variety of industrial, governmental, and business positions involving the use of computers or for graduate work in the field.

**Computer Science – Bachelor of Science** *(College of Science and Engineering)*

Computer science is concerned with the study of the hardware, software, and theoretical aspects of high-speed computing devices and with the application of these devices to scientific, technological, and business problems.

A bachelor’s degree gives students a basic understanding of computer science. After completing a required set of fundamental courses, students arrange their subsequent work around one of several upper division emphases within either computer science or an interdisciplinary area involving computer applications. The degree prepares students for graduate work or for various industrial, governmental, and business positions involving the use of computers.
Construction Management (College of Continuing Education)

Construction management transforms project design and its engineering requirements into a physical structure, focusing on management and business skills needed to deliver high quality construction results on time and within budget. The major offers experience and education leading directly to a professional management career in high demand areas in the construction industry, including residential, commercial, industrial, institutional, highway/heavy and process systems sectors. The construction management major is offered in close collaboration with the Minnesota construction industry.

Economics (College of Liberal Arts)

Economics emphasizes critical thinking and the understanding of basic economic principles. The B.A. - quantitative emphasis adds basic quantitative training (in calculus, linear algebra, and econometrics) and best suits students considering graduate work in business administration. The B.A. gives students a solid background in economics, is the least quantitative of the three economics majors, and provides excellent preparation for students interested in working immediately after graduation or considering law school. The B.S. is for students interested in graduate study in economics or in a career where quantitative economic analysis plays a significant role. The strong quantitative component in this degree emphasizes multivariate calculus, linear algebra, and econometrics.

Students choose from courses in comparative economic systems; economic theory; econometrics; economic development; game theory; industrial organization; cost-benefit analysis; environmental, financial, international, mathematical, monetary, public, and labor economics.

English (College of Liberal Arts)

Students who major in English study literature and other forms of verbal expression, literary history and criticism, critical theory, linguistics, and creative writing. Courses offered by the department explore a wide range of discourses written in English—from around the globe, as well as from Britain and America—including poetry, drama, fiction, film, popular culture, and electronic media. Students examine the cultural, social, political, and economic contexts that condition a variety of texts. Majors write extensively and learn to express themselves effectively, both orally and in writing. They gain practical insight into the words that they speak, read, and write.

Students transferring courses from other colleges and universities must complete five University of Minnesota three- or four-credit English courses in residence. These courses must include ENGL 3960W, ENGW 3960W, or ENGL 3883V (the senior project course), and at least four other upper division courses (3xxx or higher).

Students wishing to transfer English courses from outside the University of Minnesota and apply them to the English major requirements should discuss this with the undergraduate adviser. Note: All English courses completed at two-year community colleges are accepted as equivalent to University lower division (1xxx) courses, regardless of content. Advanced Placement (AP) and International Baccalaureate (IB) credits are not included in the major.

Entrepreneurial Management (Carlson School of Management)

Businesses, large and small, are coming to understand a new environment of rapid change. They are being challenged to take advantage of new markets and greater demands on current products. Their ability to adapt to a rapidly changing environment can yield great rewards, but it requires multifunctional and multitasking individuals able to form and develop new businesses and comfortably exist within a sea of change.

The entrepreneurial management major provides current and future business professionals with the necessary skills and tools to successfully form and develop businesses and function as entrepreneurs or as productive members of entrepreneurial, emerging, or aggressively-positioned companies. These organizations require individuals that have the ability to manage risk, multitask across functional boundaries, and creatively engage and adapt to an environment that is constantly changing.

Environmental Sciences, Policy and Management – Corporate Environmental Management or Policy, Planning, Law and Society Tracks (College of Food, Agricultural and Natural Resource Sciences)

The environmental sciences, policy and management (ESPM) major is designed to address the needs posed by the complexity of environmental and renewable resource issues that are faced on a state, national and global level. This interdisciplinary, environmental major prepares graduates to solve environmental problems from an integrated knowledge base.

Students complete a set of common “integrated core” courses that focus on integrated problem solving using environmental sciences, policy, ethics, management models, and communication theory. Students also incorporate classroom and fieldwork.
The CEM track provides graduates with the fundamental skills to systematically determine the environmental burdens associated with a firm’s products or manufacturing processes and to identify opportunities that generate value from environmental risk reduction, regulatory compliance programs, and other alternatives for improving environmental performance. Student experiences within this track focus on analytical tools; the business, legal, regulatory, and ethical framework in which industrial firms operate; physical, chemical, and biological mechanisms associated with industrial emissions; techniques used to reduce the environmental impacts of industrial activity; and effective communication.

The PPLS track focuses on developing understanding and problem-solving skills germane to the interaction between human and natural systems. Students will be well prepared for policy development and analysis, strategy development, and decision-making in a range of positions and institutional settings. The track further emphasizes an interdisciplinary approach for examining problems such as sustainable land use planning, resource conservation and management, law, and environmental protection at a range of political levels and spatial scales and developing effective and innovative solutions. Students develop skill in integrating knowledge from the physical, biological, and social sciences to develop policy and planning alternatives and appropriate strategies to provide real solutions to complex problems.

Finance (Carlson School of Management)
The finance major develops students’ understanding of principles and techniques of effective financial decision making. It provides students with the skills and knowledge required to assist businesses, governments, or individuals in answering questions regarding improving the value of the company, evaluating projects, measuring financial risk, raising funds, making investments, and understanding capital markets.

Finance and Risk Management Insurance (Carlson School of Management)
Risk management is the practice of identifying the risks that affect a company’s business and finding ways to mitigate and offset those risks. Risk management tools and techniques help corporations deal with many types of issues, legal concerns, and human resources changes.

This major introduces students to the risk management discipline and multiple career paths, including corporate risk manager, benefits manager, insurance agent/broker, underwriter, loss adjuster, consultant, and personal financial planner.

Global Studies (College of Liberal Arts)
This program offers students the opportunity to study the interrelated processes shaping today’s increasingly interdependent world. Students examine political, economic, cultural, and social processes of local communities, nation states, transnational businesses, and social movements around the globe. The program requires students to integrate theoretical knowledge about broad global processes with regionally focused detailed knowledge of social and cultural systems and language. Students complete a common set of core courses providing a broad overview of issues and approaches to global studies. Each student then chooses a thematic and regional concentration. Coursework is completed by selecting from relevant courses offered by a broad range of departments.

Housing Studies (College of Design)
The housing studies program allows students to study shelter in its multiple dimensions. Coursework in the program includes social and behavioral sciences, economics, public policy, planning, and technology.

After first acquiring a broad background of housing courses, students select one of five areas of concentration: community development and policy, housing technology, management and finance, selected populations, or sustainability.

The housing studies program provides the academic background and professional preparation needed for graduate studies leading to college teaching, research, or planning/administrative positions.

Depending upon prior coursework, the housing studies major requirements can often be completed in two years. Students are encouraged to meet with an adviser to discuss their specific situations.

Human Resource Development (College of Education and Human Development)
Ongoing education is vital to the success of individuals, businesses, and organizations. As a human resource development major, you’ll gain the skills you need to offer critical workplace training and development, to manage effectively, and to communicate successfully. This degree is great preparation for working in human resources, directing a non-profit, or coaching adults in career and life skills.
Human Resources and Industrial Relations (Carlson School of Management)
The human resources and industrial relations (HRIR) major prepares graduates for positions involving the recruitment and/or selection of new employees, identification of training needs among new and current workers, the functional operation of compensation systems and benefits packages, and the management of employee relations programs where workers are represented by trade unions. Human resource specialists have progressed from record keepers to strategic partners in the areas of finance and marketing as organizations recognize the importance of qualified people to their success. Today businesses compete as much based on human capital as they do on physical capital.

International Business (Carlson School of Management)
The international business major provides students with a rigorous foundation for success in today’s global business environment. Recognizing that career placement and early stage career success depends importantly on strong functional skills (e.g., accounting, marketing, finance, human resources, operations, information systems, or entrepreneurship), the international business major must be completed with another major in Carlson. The international business major enhances any functional major with a comprehensive understanding of the additional complexity and contingencies required when conducting business across national borders.

Journalism and Mass Communications – Concentrations in Mass Communications or Professional Strategic Communication (College of Liberal Arts)
The School of Journalism and Mass Communication offers three tracks focused on distinct areas of study within the discipline.

The professional strategic communication track prepares students for careers in advertising, public relations, and corporate and advocacy communications. This professional track is based on a liberal arts foundation, knowledge of the social context, in which the professions are practiced, and the skills and experiences needed to succeed in the marketplace.

The mass communication track is for students who wish to study the social, political, economic, and legal aspects of mass communication. Students may develop a program emphasis in areas such as history, law, media effects, media industry studies, international communication, or other aspects of mass communication studies represented in the School of Journalism and Mass Communication.

About two-thirds of the coursework for the B.A. degree is outside of journalism in the social sciences, humanities, and other liberal arts. The 120-credit requirement must include at least 80 non-journalism credits, including 65 CLA credits.

Management Information Systems (Carlson School of Management)
The management information systems (MIS) major prepares students to be leaders in conceptualizing, prescribing, developing, and delivering leading-edge information system applications that support business processes and management decision making. It provides students with an understanding of the functions of information systems in organizations and detailed knowledge of information system analysis, design, and operation.

Marketing (Carlson School of Management)
Marketing is concerned with the flow of goods and services through the economy and the distribution of both industrial and consumer goods. Because more than one half of the consumer dollar goes to pay for marketing services, marketing is a significant part of the economy, and the efficiency with which marketing activities are carried out has major social and economic implications.

Mathematics – Bachelor of Arts – Sub-plan in Actuarial Science (College of Liberal Arts)
The School of Mathematics offers a program in the College of Liberal Arts leading to a bachelor of arts degree. The course of study is flexible and may be adapted to satisfy a wide variety of interests and needs. Students may prepare for graduate study in mathematics or may emphasize various fields of interest, such as preparation for secondary school teaching; actuarial science; or programs in applied mathematics, including industrial mathematics, biology, mathematics applicable to computer science, and numerical analysis. Programs for the actuarial science, secondary school teaching, and computer science specializations earn a designation that appears on the diploma.

Mathematics – Bachelor of Science Mathematics – Specialization in Actuarial Science (College of Science and Engineering)
The mission of the program is to provide high-quality mathematics instruction in a stimulating intellectual atmosphere. The goal is to educate students at all levels to provide cultural enrichment, to give them the analytic tools they need to become responsible citizens, and to prepare them for careers involving mathematics.
The School of Mathematics offers a program leading to the bachelor of science degree. The course of study is flexible and may be adapted to satisfy a wide variety of interests and needs. Students may prepare for graduate study in mathematics or emphasize various fields of interest, such as preparation for secondary school teaching, actuarial science, or programs in applied mathematics, including industrial mathematics, biology, mathematics applicable to computer science, and numerical analysis. Programs for specializations in actuarial science, preparation for teaching in the secondary school, and mathematics applicable to computer science earn a designation that appears on the diploma.

**Political Science (College of Liberal Arts)**

Political scientists study topics such as the exercise of power and influence; sources and resolution of conflicts; the relation of politics to the economy, culture, and other aspects of society; the adoption and implementation of public policies; and the development of political systems. These topics are studied at all levels, from local communities to the global community.

The scope of the discipline is reflected in the main areas of specialization that make up the undergraduate curriculum: political theory, comparative government and politics, international relations, and American governmental systems and processes. In addition, undergraduates may choose from several optional concentrations: business and politics; campaigns and elections; citizenship and civic action; global politics; law and politics; democratization and development; political psychology, beliefs, and behavior; and public affairs.

**Public/Nonprofit Management (Carlson School of Management)**

The nonprofit sector is one of the most important components of American life, yet one of its most misunderstood. Nonprofit organizations vary enormously in scope and scale, ranging from grassroots charitable groups to multimillion dollar foundations, university, and health care organizations. There is little doubt that every American is directly or indirectly touched by the services of nonprofits in their daily life.

The nonprofit major blends general management-focused courses from the Carlson School with nonprofit-focused courses from the Humphrey Institute of Public Affairs. All students complete an additional major within Carlson; therefore, every student is able to apply their functional specialty of business to the intricacies of the nonprofit sector.

**Recreation Resource Management (College of Food, Agricultural and Natural Resource Sciences)**

The recreation resources management curriculum prepares students for a career in protected area planning and management across the state, United States, or globe. The curriculum emphasizes natural and managed non-urban areas; natural resources-oriented recreation programs in public and private sectors; social science aspects of natural resources use; and skills in communication, planning, and management. Graduates often serve as park or river rangers, protected area managers, outdoor educators or recreation area and facilities planners. Typical employers include protected area management and planning agencies within federal, state, and local parks; forestry; wildlife; nature conservation; and related non-governmental organizations. Additionally, this curriculum provides excellent preparation for graduate training in the human dimensions of natural resources. A minor is also available. Students may also apply credits toward the International Ecotourism Certificate.

**Retail Merchandising (College of Design)**

The retail merchandising program offers a wide range of educational and career opportunities, including visits to international retailers, travel to foreign and domestic retail centers, and professional experiences such as study abroad and internships with national and international retailers. Program graduates begin their careers in store or corporate environments. Entry-level positions include merchandising, marketing, product development, distribution, store management, buying, advertising, sales promotion, and human resources.

**Sport Management (College of Education and Human Development)**

Have you thought about turning your love of sports into a career? As a sport management major, you will have the opportunity to explore the many sides of the sports business, including marketing and promotions, facility and event management, sociocultural issues, and law. You’ll engage in critiquing and evaluating the role sports play in our culture and develop skills that will prepare you to market and promote sports teams, manage events and facilities at an arena, or unleash the potential in youth by directing community sports programs.
Statistics – Bachelor of Arts (College of Liberal Arts)
Statistics is concerned with theories and methods of data collection, tabulation, analysis, and interpretation, and their use in learning from data and making decisions.

A bachelor’s degree gives students an understanding of the theory of statistics and trains them in basic use of the most important types of statistical methods. The degree prepares students for graduate work or for jobs in such diverse areas as marketing analysis, quality management, and support for scientific research.

Statistics – Bachelor of Science Statistics (College of Science and Engineering)
The program gives students an understanding of the theory of statistics, trains them in basic use of the most important types of statistical methods, and prepares them for graduate work or for jobs in such diverse areas as marketing analysis, quality management, and support for scientific research.

The program provides a broad foundation in statistics that can be combined with coursework in other technical disciplines or as a basis for further specialization in statistics.

Supply Chain and Operations Management (Carlson School of Management)
The supply chain and operations program in the Carlson School of Management focuses on process excellence from both intra-organizational and inter-organizational points of view and is led by an award-winning faculty. The program leverages strong relationships with the Supply Chain and Operations Advisory Board to provide significant experiential learning opportunities for students.

Urban Studies – Bachelor of Arts or Bachelor of Science (College of Liberal Arts)
This cross-disciplinary major involves urban studies coursework, fieldwork experiences, internships, and coursework in disciplines that offer useful perspectives on contemporary urban and postindustrial society.

The program focuses on the conceptual and analytical frameworks and specialized skills needed for professions focused on urban change or development. Students completing the program work in public agencies or private business or pursue graduate study in urban planning, law, social welfare, public affairs, or the social and environmental sciences.

Students are encouraged to incorporate field study into the major or minor. Options include urban studies programs sponsored by the Higher Education Consortium for Urban Affairs (HECUA) in South America, Norway, and Minneapolis-St. Paul.

Inter-college Program (College of Continuing Education)
The Inter-College Program (ICP) embodies the University of Minnesota’s commitment to individualized undergraduate education by providing cross-college, course/credit-based degree options. Drawing upon the curricular offerings of most of the University’s colleges and departments, students design either a bachelor of arts (B.A.) or a bachelor of science (B.S.) degree incorporating a significant amount of coursework from at least two different colleges within the University system.

Bachelor of science degrees are those that pertain to the physical or biological sciences, have significant quantitative or investigative tools/methods expectations, or have a pronounced applied/professional component (e.g., public health, education, business, social work).

Most students design a degree drawing from two or three departmental areas from the University. Examples include addiction studies and psychology, or Carlson School of Management, manufacturing technology, and economics.

ICP is most appropriate for self-directed students whose educational backgrounds and career and intellectual interests require both a clear personal focus and a flexible interdisciplinary approach.

Interested students should attend an information session held several times each week. Academic advisers provide a detailed introduction to the program and help students begin the planning process.

Bachelor of Individualized Studies (College of Liberal Arts)
The B.I.S. provides flexibility in a student’s degree program by allowing students to focus their coursework on three areas, one of which may consist of courses outside of CLA. The areas do not have to be related to each other, but the program proposal must explain how the areas of study connect to the student’s overall educational goals.
Working closely with a B.I.S. adviser, students develop a written proposal and course list. The proposal must be approved by a committee and three faculty or department advisers with expertise in the areas of concentration. Some departments and colleges have prerequisite or required courses for students who want to include concentrations based in those departments and colleges in their B.I.S. program.

For specific information on proposal procedures and on department and college guidelines, see the Individualized Degree Programs website http://idp.class.umn.edu.

**Individually Designed Interdepartmental Major** *(College of Liberal Arts)*

The individually designed interdepartmental major (IDIM) enables students to fulfill program requirements for the B.A. degree by completing an interdepartmental program of coursework focused on a theme of their own choosing, designed in consultation with faculty and staff advisers.

IDIM programs consist of three or four areas of concentration, integrated in such a way that the major has strong thematic unity and coherence.

Working closely with an IDIM adviser, students develop a written proposal and course list that articulates a cohesive and unified interdisciplinary theme. IDIM program proposals must be approved by a committee and three faculty or department advisers with expertise in the areas of concentration. Some departments have established guidelines for students who wish to include in their majors concentration areas based in those departments.

For specific information on proposal approval procedures and department guidelines, see the individualized degree programs website at http://idp.class.umn.edu.

**Minors**

**Applied Economics** *(College of Food, Agricultural and Natural Resource Sciences)*

This minor is for students who want to include a basic core of applied economics coursework to enhance or supplement their major program. Students have flexibility in choosing courses to meet these minor requirements. Students who wish to minor in applied economics should consult with the major coordinator for applied economics to obtain approval before completion of 9 credits in the minor. No more than 6 credits may be counted for both the major and the applied economics minor. Students must complete at least 15 credits for the minor.

**Construction Management** *(College of Continuing Education)*

A minor in construction management provides foundation knowledge, industry insight, and business competencies essential in the construction sector.

**Corporate Environmental Sciences** *(College of Food, Agricultural and Natural Resource Sciences)*

The corporate environmental management (CEM) minor is designed to provide students with an excellent opportunity to gain a broad exposure to the strategic, analytical, and managerial processes associated with the environmental impact of companies’ and other organizations’ products and processes. Completion of the CEM minor enhances students’ preparation for graduate school and for entering a career in the growing corporate functions of environmental management and regulatory compliance.

The CEM minor is available to students in good standing in all majors at the University of Minnesota, Twin Cities.

**Economics** *(College of Liberal Arts)*

Economics is a useful minor for students majoring in business, engineering, statistics, computer science, mathematics, and all of the social sciences. Minors are available in six subfields designed to complement study in other majors. Minors require 13-30 credits of upper level work, depending on the subfield. This includes a minimum of three or more upper level economics courses and supporting work in mathematics and/or statistics, as needed for the subfield. Students must complete at least 9 upper division economics credits at the University of Minnesota, Twin Cities.

**Housing Studies** *(College of Design)*

See major description for more information.
**Language (College of Liberal Arts)**

Language minors are available in the following languages: Asian Languages and Literature (Chinese, Hindi, Korean, Japanese), Danish, Dutch, English, Finnish, French, German, Greek, Hebrew, Italian, Latin, Norwegian, Portuguese, Russian, Spanish, and Swedish.

**Leadership (College of Education and Human Development)**

The undergraduate leadership minor is a 16-credit interdisciplinary program that helps students gain understanding and experience in multiple frameworks of leadership. The program develops the leadership and social change skills of undergraduates for their roles as citizens on the University campus and in the larger global community. This minor is a collaborative effort of the college's department of Educational Policy and Administration (EDPA), the University's Hubert H. Humphrey Institute, and the Office for Student Affairs.

**Management (Carlson School of Management)**

The Carlson School's management minor covers business principles through the study of seven functional areas of business. The minor is available to students in all majors at the University of Minnesota, Twin Cities. The Carlson School has partnered with the Hubert H. Humphrey Institute of Public Affairs to offer, within the minor, courses focusing on the nonprofit environment.

**Retail Merchandising (College of Design)**

Minors in retail merchandising are introduced to basic merchandising principles. The minor provides the opportunity to explore several facets of the retail industry, including retail buying, visual merchandising, and multichannel retailing. Outstanding opportunities are provided students to meet minor requirements including travel to domestic and international market centers.

**Sport Management (College of Education and Human Development)**

The sport management minor provides students from different disciplines the opportunity to explore interest in the sport industry, while combining their passion for sport with sport management concepts and practices.