The John B. Goddard School of Business & Economics is a leader in preparing students for careers in business. The Goddard School attracts students from across the nation and around the world who desire a quality education.

Nearly 2000 students are enrolled in undergraduate programs in accounting, business administration [with emphases in business administration, finance, management (with human resource management track), marketing, and supply chain management], economics, and information systems & technologies; and more than 240 students pursue degrees in the Master of Accounting program as well as the Master of Business Administration program. Students should note that the John B. Goddard School of Business & Economics is accredited by the Association to Advance Collegiate Schools of Business (AACSB) International, the premier global accrediting agency in business and accounting education.

Courses are designed to reflect the rapidly changing business environment. Dedicated faculty use innovative teaching and learning methods throughout the curriculum. The consequences of the global economic environment and international competitive advantage are addressed at the onset of the curriculum and discussed throughout the program. The key issues of technology, quality management, ethics, and entrepreneurship are discussed in many contexts.

A unique feature in the curriculum is the endowed Ralph Nye Lecture Series. In this Series, business leaders visit Weber State University campus to serve as guest lecturers. A wide variety of speakers include executives who have risen to the top of corporate worlds, entrepreneurs who have nurtured an idea into a viable business, and authors and opinion leaders with special insight into the business environment. These speakers make an invaluable contribution to our educational programs.

**Coordinator of Academic Advisement:** Betty Tucker 801-626-6534  **Location:** Wattis Building, Room 211

**Coordinator of Recruitment & Career Advisement:** Patricia Wheeler 801-626-7914  **Location:** Wattis Building, Room 213

**Telephone Contact:** Mary Ann Boles 801-626-7307

### Department / Area Listing

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<th>Department Chairs/Directors</th>
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<td>Accounting: Dr. Ronald M. Mano</td>
<td>626-6730</td>
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<tr>
<td>Business Administration: Dr. Bruce Handley</td>
<td>626-6729</td>
</tr>
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<td>Economics: Dr. Clifford Nowell</td>
<td>626-6488</td>
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<td>Information Systems &amp; Technologies: Dr. G. Edward Harris</td>
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<td>MAcc Program: Dr. Larry Deppe</td>
<td>626-7838</td>
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<td>MBA Program: Dr. Brian Davis</td>
<td>395-3529</td>
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### Degrees Offered

**MASTER OF ACCOUNTING**

**MASTER OF BUSINESS ADMINISTRATION**

**Bachelor of Arts and Bachelor of Science Degree programs are offered in the following areas:**

- Accounting
- Business Administration [emphases in Finance, Management (with Human Resource Management track), Marketing, and Supply Chain Management]
- Information Systems & Technologies
- Economics (Business and General)

**Associate of Science or Associate of Arts Degree Program offered in:**

- Information Systems & Technologies

**Minors offered in:**

- Accounting
- Business Administration
- Economics (teaching minor also available)
- Information Systems & Technologies

**Institutional Certificates offered in:**

- International Business & Economics
- International Business & Economics (Language Emphasis)
- Information Systems & Technologies, and Entrepreneurship
**Vision**
To become an acknowledged leader in business education that develops professionals with the facility to analyze problems, the resolve to implement change, the capacity to lead, and the courage to act justly in all chosen endeavors.

**Mission**
The John B. Goddard School of Business & Economics provides a quality education for career-oriented students. Degree programs are founded upon the synthesis of theory across disciplines, the application of theory to practice, and the enhancement of professional skills. Our efforts are focused upon Utah, but our reach extends beyond borders.

Three principles are central to our mission:

**Education**
The first, and foremost, is fostering learning through excellent teaching, close student-faculty interaction, and scholarship which improves teaching and learning.

**Research**
The second is the application of theory to practice through applied research and scholarship, and the utilization of applied research to further learning.

**Community**
The third is enhancing our community through the dissemination of practical business and economic information and through forming relationships which create learning opportunities.

**Values**
We embrace a diverse student body admitted upon criteria which measure the promise for success. The students of Utah are our prime constituency, but we attract and welcome students from across the nation and abroad. The Goddard School is founded on an environment where people are free to openly question any concept, voiced by any person, at any time. Similarly, we value and seek the informed opinions of those outside the School.

Our teaching mission is chiefly supported through a community of teaching scholars who focus their efforts toward instructional improvement and the advancement of theory and practice through research. Faculty and staff also direct their expertise to enhance the broader community thereby advancing management practice and economic development at the national and international levels.

**Accessibility to Business & Economics Courses**
All 1000 and 2000 level courses are open to all WSU students. Students of any major may find several upper division courses of interest, although prerequisites must be met for all GSBE courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>BSAD 3000</td>
<td>Small Business Management</td>
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<tr>
<td>BSAD 3200</td>
<td>Legal Environment of Business</td>
</tr>
<tr>
<td>FIN 3400</td>
<td>Real Estate Principles and Practices</td>
</tr>
<tr>
<td>MGMT 3010</td>
<td>Organization Behavior and Management</td>
</tr>
<tr>
<td>MGMT 3200</td>
<td>Managerial Communication</td>
</tr>
<tr>
<td>MGMT 4300</td>
<td>Influence and Group Effectiveness</td>
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<td>MGMT 4400</td>
<td>Advanced Organizational Behavior</td>
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<td>MKTG 3100</td>
<td>Consumer Behavior</td>
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<td>MKTG 3200</td>
<td>Selling and Sales Management</td>
</tr>
<tr>
<td>IST 3110</td>
<td>Information Technology for Business</td>
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</table>

are open to all students

**BSACALAUREATE DEGREE REQUIREMENTS**
Candidates for a bachelor of arts or bachelor of science degree in the John B. Goddard School of Business & Economics (GSBE) must satisfy the following requirements:

**General Requirements**
- WSU Degree Requirements
- General Education Requirements

**John B. Goddard School of Business & Economics Requirements**

**THE CURRICULUM**
The program of study within the John B. Goddard School of Business & Economics is designed to assist the students from admission to career placement. All degree programs within the Goddard School follow the same general pattern which is composed of five required curricular elements: Liberal Support Curriculum, Business Foundations, Cross-Functional Core, Functional Core, and Major Discipline.

**LIBERAL SUPPORT CURRICULUM**
The Liberal Support Curriculum consists of courses outside the John B. Goddard School of Business & Economics which provide critical skills and information useful to all business students.

**Business Foundations**
The Business Foundations Curriculum provides the base for all business and economic degree programs and should be completed early in the student's academic studies. To satisfy the Business Foundations requirement, courses must be completed with a grade of “C-” or higher. However, admittance to the Goddard School requires a cumulative GPA of 2.5 or higher for the five Business Foundation courses.

**Business Foundations Curriculum (13 credit hours)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>ACTG 2010</td>
<td>Survey of Accounting I (3)</td>
</tr>
<tr>
<td>ECON SS2010</td>
<td>Principles of Microeconomics (3)</td>
</tr>
<tr>
<td>ECON SS2020</td>
<td>Principles of Macroeconomics (3)</td>
</tr>
<tr>
<td>QUAN SI2600</td>
<td>Business Statistics I (3)</td>
</tr>
<tr>
<td>IST 2010   *</td>
<td>Business Computer Skills (1)</td>
</tr>
</tbody>
</table>

* IST 2010 and an Information Literacy course will satisfy the WSU computer and information literacy (CIL) requirement. Information Literacy courses include: BSAD 2704 (strongly suggested for GSBE majors) or TBE TD1504 or LIBS/TBE TD 1704 or LIBS/TBE 2201.
CROSS-FUNCTIONAL CORE

The Cross-Functional Core provides the competencies needed to analyze problems and interact with individuals from different units of an organization. The focus of the Cross-Functional Core is based upon analysis, problem solving, communication and planning. Specific classes within the Cross-Functional Core are:

Cross-Functional Core Curriculum (19 credit hours)
- QUAN SI2400 Business Calculus (3)
- or ECON 3030 Managerial Economics (3)
- QUAN SI3610 Business Statistics II (3)
- BSAD 3200 Legal Environment of Business (3)
- BSAD 3330 Business Ethics & Environment Resp (3)
- BSAD 4620 Executive Lectures (1)
- BSAD 4780* Strategic Management (3)

*BSAD 4780 should be taken near the conclusion of your studies.

and one of the following International courses:
- ACTG 3500 International Accounting (3)
- ECON 3110 International Trade (3)
- ECON 3120 International Finance & Monetary Systems (3)
- ECON 4170 Economic Development (3)
- IST 3710 Global Issues in Information Technology (3)
- MGMT 3400 International Business (3)
- MKTG 3600 International Marketing (3)

Students will continue taking courses in this area throughout their undergraduate program. Many of the courses in the Cross-Functional Core are prerequisites for other classes. Keeping this in mind and using department planning guides will assist students in selecting courses.
FUNCTIONAL CORE
The Functional Core exposes students to the traditional functional areas of business. Courses within the Functional Core include:

Functional Core Curriculum (15 credit hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ACTG 2020</td>
<td>Survey of Accounting II (3)</td>
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<tr>
<td>FIN 3200</td>
<td>Financial Management (3)</td>
</tr>
<tr>
<td>MGMT 3010</td>
<td>Organizational Behavior &amp; Management (3)</td>
</tr>
<tr>
<td>SCM 3050</td>
<td>Operations &amp; Logistics Management (3)</td>
</tr>
<tr>
<td>MKTG 3010</td>
<td>Marketing Concepts &amp; Practices (3)</td>
</tr>
</tbody>
</table>

Everyone working in business needs a knowledge of these areas. Students should take course work within the Functional Core as they are completing the courses within the Major Discipline. Many of the courses in the Functional Core are prerequisites for other classes. Keeping this in mind and using department planning guides will assist students in course sequencing.

MAJOR DISCIPLINE
Different majors within the John B. Goddard School of Business & Economics (GSBE) designate different course work within the Major Discipline. You should consult the Degrees/Programs listing for the Major course work required in Accounting, Business Administration [emphasizes in Finance, Management (with Human Resource Management track), Marketing, and Supply Chain Management], Information Systems & Technologies, and Economics. Generally, students should begin taking courses within their major area before completing all of the courses in the Cross-Functional and Functional Cores. Department planning guides will assist students in course sequencing.

Graduation Requirements
1. GPA Requirement: Candidates for GSBE minors, associate degrees, and the bachelor of arts and bachelor of science degrees must complete all prerequisite and required business and economics courses with a grade of “C-” or higher. In addition, the cumulative Business Foundation GPA, the overall business and economics GPA, and the overall university GPA must be 2.5 or higher.
2. Residency Requirement: Any student wishing to attain a certificate, minor, associate’s degree, or bachelor’s degree from the Goddard School must satisfactorily complete 50 percent of the total required course work and 60 percent of the upper-division requirements from the Goddard School. Furthermore, any transferred credit must be approved prior to beginning the program of study.

Any student pursuing a graduate degree from the Goddard School may apply a maximum of 6 credit hours of graduate credit taken at other AACSB International accredited institutions and completed with a grade of B- or better to the Goddard School’s graduate degree requirements. Furthermore, the transferred credit must be approved prior to beginning the program of study. All candidates for degrees must be registered at WSU at least one semester following the last commencement prior to graduation.

3. Non-business Course Requirements: To encourage business students to seek non-business courses and thereby broaden their educational experience, business majors must take at least 50 percent of all courses outside the Goddard School.

Admissions
All students seeking majors or minors within the John B. Goddard School of Business & Economics must be formally admitted. Only completed Admission Forms are reviewed for selection consideration.

Criteria for admittance to the John B. Goddard School of Business & Economics:
- Formal admission to Weber State University (WSU)
- Completion of one semester at WSU
- Successful completion of ENGL 1010 and ENGL 2010
- Successful completion of Business Foundations with a 2.5 or higher cumulative GPA for the five foundation courses
- Overall cumulative GPA of 2.5 or higher
- Declaration of business major

Process for admittance to the John B. Goddard School of Business & Economics:
1. Prepare the GSBE Admission Packet which includes:
   a. GSBE application
   b. two (2) copies of the student-issued Weber State University transcript which shows scores for any challenge exams (e.g., CLEP), AP credits, total credit hours transferred from all other institutions of higher education, and World Education Services evaluation for international studies;
   c. two (2) copies of Transcripts from all institutions of higher education which include institution name, course/s taken, including grade received and term taken;
   d. WSU Degree Evaluation (current student-printed acceptable);
   e. Essay as described on the GSBE application.
2. Submit the Admission Packet by:
   a. delivering to any GSBE department;
   b. mailing to:
      Weber State University
      GSBE Admissions Committee
      3801 University Circle
      Ogden, UT 84408-3801
3. Await Notification Letter from the GSBE Admissions Committee.

Advisement
GSBE majors are strongly encouraged to pursue advising opportunities in the Goddard School. Receiving timely advisement at critical junctures in an academic program will assist students in choosing the appropriate classes, in the appropriate sequence, and in preparing for employment opportunities. Advising for:
- transfer credits, general education, business foundation courses, and making application for admission into the John B. Goddard School of Business & Economics is provided by the GSBE Coordinator of Academic Advisement, Betty Tucker, WB 211, (801) 626-6534;
- major selection, major declaration, major requirements, minors, second degrees and, also, making application for admission into the John B. Goddard School of Business & Economics is provided by the GSBE major department;
- employment preparation, including internships and resumes, and business etiquette is provided by the GBSE Coordinator of Recruitment & Career Advisement, Patricia Wheeler, WB 213, (801) 626-7914.

Credit Policy
1. Obsolete Credit: John B. Goddard School of Business & Economics credit earned more than ten (10) years earlier than the proposed date of graduation will not be accepted toward University or major requirements unless validated through a challenge examination or approved by appropriate department chair.
2. Waiver Requests: Any exceptions to the printed John B. Goddard School of Business & Economics graduation requirements must be approved by the appropriate department chair prior to waiving, substituting, or taking the course(s) in question.

Transfer Credit Policy
1. Transfer students should submit transcripts from all institutions of higher education to the Weber State Admissions Office.
Recruitment at (801) 626-6050 will consult with Admissions to determine which general education credits will be accepted by Weber State. Students should establish transfer of general education work prior to meeting with the John B. Goddard School of Business & Economics' Coordinator of Academic Advisement. The Coordinator will consult with Goddard School academic departments to determine USHE credit toward specific Goddard School requirements, address further questions, and obtain information on business courses. Most courses with a grade of “C-” or higher are eligible for credit. However, some courses, such as the MATH and ENGL, may require a higher grade.

2. The Utah System of Higher Education Transfer Credit Guide has been established articulating equivalent courses between the in-state public colleges and universities. Credits from business courses transferred from institutions not covered by the USHE Transfer Credit Guide are accepted only if approved by the appropriate Goddard School academic departments. Documentation which allows the Coordinator and department chairs to assess the content of courses taken may be required. This documentation may include: catalogs or bulletins; course outlines or syllabi; and transcripts. In the majority of cases, course credit which is not obsolete (see above) taken at institutions accredited by AACSB International will be accepted and applied to the Goddard School's graduation requirements.

3. The Goddard School may require validation for courses taken at other institutions before credit is applied to School requirements. This validation may consist of either: passing a challenge exam; or completing the next course in a related sequence with a grade of “C” or better. Validation may be required where upper division credit is sought for lower division course work taken at another institution.

4. Students are reminded that the Weber State catalog states, “Acceptance of credit should not be confused with its application.” Transfer credit may or may not apply to Weber State’s graduation requirements, regardless of the number of credits transferred. Credit other than that intended wholly to meet graduation requirements, regardless of the number of credits transferred. Credit other than that intended wholly to meet general education requirements, will be applied to Weber State’s specific degree program requirements upon the recommendation of the appropriate department chair.” This means credit that is accepted by Weber State may, or may not, apply to specific requirements within the John B. Goddard School of Business & Economics.

5. Students transferring credits from institutions outside the U.S. should follow the guidelines for International Students listed on page 13 of the Weber State catalog. Transfer credits should appear on the student's WSU transcript before meeting with the GSBE Coordinator of Academic Advisement or major department chair.

Center for Business & Economic Development

Director: Ms. Beverly King
Location: Wattis Business Building, Room 218
Telephone: 801-626-7051

The Center for Business and Economic Development fosters a broad and continuing partnership between businesses, government agencies, and the John B. Goddard School of Business & Economics. The Center encourages and facilitates professional development opportunities for faculty and students, promotes business and economic development in the community, and serves as a community resource for entrepreneurship and small business management. As a service organization, the Center provides business and technical assistance, training and education, and information to businesses and government agencies. Specific programs and services of the Center are listed below.

Small Business Development Center

The Small Business Development Center (SBDC) is a partnership between Weber State University, the U.S. Small Business Administration, and the Utah Governor's Office of Economic Development. The SBDC provides a wide variety of seminars, workshops and courses in small business and entrepreneurship, as well as management assistance to small and emerging businesses in Northern Utah. Areas of consultation include business assessment and planning, marketing, research and strategy, financial analysis and planning, debt and equity funding development, information technology, and human resource management.

Procurement Technical Assistance Center

The Procurement Technical Assistance Center provides information and assistance to Utah businesses interested in marketing their products and/or services to federal, state and local governments. Services include seminars, workshops and individualized counseling on all aspects of the government marketing and procurement process. This program is a partnership between Weber State University, the Utah Governor's Office of Economic Development, and the United States Department of Defense.

Small Business Institute

The Small Business Institute (SBI) uses teams of senior-level or graduate students to provide management consulting and technical assistance to small business concerns. Students participating in the program receive university credit and the opportunity to apply their knowledge and skills in a real-world setting. Participating businesses receive management assistance at no charge.

Child Center for Entrepreneurship

The William H. Child Center for Entrepreneurship supports the education of students in the creation of new business organizations, whether start-up firms, joint ventures or new subsidiaries of existing companies. Specific programs sponsored by the Center include the Utah Collegiate Entrepreneur Award program, an annual student business plan competition, outreach entrepreneurship education programs in area high schools, and student organizations, such as the Weber Entrepreneurs Association (WEA) and Students in Free Enterprise (SIFE).

Business and Economic Services

In addition to these on-going programs, the Center for Business and Economic Development encourages and facilitates other training and consulting activities on the part of the faculty of the John B. Goddard School of Business & Economics. By matching faculty interests and expertise with the needs of the community, the Center provides professional development opportunities for faculty and cost-effective technical assistance to client organizations.

International Programs

The John B. Goddard School of Business & Economics offers a number of curricular programs and study opportunities designed to enhance the global expertise of our students.

- Study abroad programs to China, Hong Kong, South-east Asia, Latin America, Africa, and Europe are regularly offered through the WSU Foreign Language Department, WSU Asian Studies Alliance and other academic departments on campus.
- The John B. Goddard School of Business & Economics signed a cooperative agreement with Fachhochschule Hof of the Federal Republic of Germany. Under the terms of the agreement, our
students can enroll at Fachhochschule Hof without any additional tuition charge. The same privilege is extended to Hof students who enroll at WSU. Each year WSU students will spend a term at Fachhochschule Hof and students from Fachhochschule Hof will spend a term at WSU taking business courses.

• The School offers an International Certificate which may be awarded with a baccalaureate degree offered by the School. This program is described below.

### INTERNATIONAL BUSINESS & ECONOMICS

#### INSTITUTIONAL CERTIFICATE

A student graduating with a Bachelor’s Degree in Business or Economics may apply for a certificate of competency in International Business & Economics provided he or she has fulfilled the following criteria:

1. Concurrent or previous completion of a Bachelor of Arts (BA) or a Bachelor of Science (BS) degree from the John B. Goddard School of Business & Economics or any other AACSB accredited business school.

2. Completion of a specified program of at least 12 semester hours of upper division business course work, as approved by the entrepreneurship area faculty. Course work shall include BSAD 4500: Entrepreneurship and at least 9 additional credit hours selected to satisfy the experiential requirement listed below and to support the specific field in which the student plans to pursue an entrepreneurial career. The GPA for this course work must be at least 2.50.

3. Completion of an experiential learning component relating to an entrepreneurial venture. This requirement can be satisfied through any of the following:
   - completion of BSAD 4680: Senior Consulting Projects;
   - completion of an approved business internship;
   - completion of a class project on behalf of an entrepreneurial client.

4. Presentation and defense of a comprehensive business plan for an entrepreneurial venture. This presentation will be made before a panel of faculty from the John B. Goddard School of Business & Economics and representatives from the business community.

### INFORMATION SYSTEMS & TECHNOLOGIES: INFORMATION ASSURANCE

#### INSTITUTIONAL CERTIFICATE

A student may apply for a certificate in Information Systems & Technologies provided he or she has fulfilled the following criteria:

1. Course work:
   - Required (10 credit hours):
     - IST 6610 Information and Communication Technologies for E-Business (3)
     - MBA 6310 Information Technology in the Enterprise (3)
   - MBA 6630 Networking & Information Systems (3)
   - MBA 6640 Information Assurance in the Enterprise (3)

2. Prerequisite degree
   - Bachelor of Arts (BA), Bachelor of Science (BS), Master of Accounting (MAcc) or Master of Business Administration (MBA) degree from Weber State University, John B. Goddard School of Business & Economics or any AACSB accredited business school.

Any student who has been admitted to the MAcc or the MBA program is also eligible for this certificate.
Grade Requirements: To earn the MBA degree, candidates must complete all MBA program courses with a grade of “C-” or higher. In addition, the overall program GPA must be 3.0 or higher. An elective course in which a grade lower than C- is earned may be repeated or another elective may be taken in its place. Failure to maintain a 3.0 grade point average, or 2 consecutive course sessions where a grade lower than B- has been earned, will result in academic probation in accordance with departmental policies.

Credit Hour Requirements: The MBA degree ordinarily requires a minimum of 36 semester hours of graduate work for persons with a recent undergraduate business degree from an AACSB-accredited business school. Individuals with business undergraduate degrees from non-AACSB-accredited schools may be required to complete additional foundations course work contingent on departmental analysis of their undergraduate transcripts. For persons with a non-business undergraduate degree, the program typically requires 54 semester hours, although this may be reduced somewhat based on previous course work. Specific program and course requirements are shown below.

Major Field Exemption
Students with business-related undergraduate degrees are exempted from the required MBA course in their major field of study (e.g., accounting, finance, economics, information systems, marketing, management, supply chain management, human resources) and will take an additional elective MBA course in its place.

The MBA Program Office must approve each MBA student’s plan of study. The plan of study will show all courses necessary to meet the degree requirements. A formal plan of study will be filed when a student is accepted into the program.

Non-MBA Electives
Qualified students may take up to three MAcc (Master of Accounting) courses as MBA electives, counting nine credit hours toward their MBA elective requirements. MBA students may also use up to three courses in the WSU Master of Health Administration program, counting nine credit hours toward their MBA elective requirements.

Transfer Credits/Residency Requirements
The minimum residency requirements for the Goddard School MBA Program is two-thirds of the required number of credit hours for undergraduate business majors (the 36-hour track) and for non-business majors (the 54-hour track). Students who have completed business-related graduate course work at another AACSB-accredited institution may apply for transfer of graduate credits to satisfy their Goddard School MBA program of study, the number of transfer credits not to exceed the minimum residency requirements for the 36-hour or 54-hour program tracks (see above). All transfers are subject to program approval. The transfer of graduate credits from non-AACSB-accredited institutions will be considered on a case-by-case basis.

Time to Degree Completion
MBA students have a maximum of six calendar years to complete their degree completion requirements, starting from the first semester during which the student has registered for and begun taking classes. Students who exceed this requirement may submit a letter of appeal to the MBA Program Director to request that this requirement be waived. Students who fail to enroll in MBA courses for three consecutive semesters must apply for readmission to the program.

Admission Requirements
In addition to the program prerequisites specified above, the primary criteria in determining eligibility for admission to the Goddard School MBA Program are: previous academic achievement, performance on the Graduate Management Admission Test (GMAT), and other factors such as work experience and career progression. The ideal applicant will present a strong overall previous academic record, strong letters of recommendation, and an above average total GMAT score, including high achievement on the verbal, quantitative, and analytical writing assessments.

Applicants must submit a completed application form and current resume, as well as transcripts from every institution of higher education attended. Letters of recommendation from appropriate professional and/or academic references are also required. Each applicant is considered on an individual basis. The MBA program will have limited enrollment. Any applicant who is admitted while other courses or programs are still in process of completion is admitted conditionally.

MBA Program Requirements for Students with a Non-Business Undergraduate Degree

Foundations (15 credit hours)
Prerequisites: Admission to MBA program and college algebra or equivalent.
MBA 6010 Legal & Regulatory Environment of Business (3)
MBA 6020 Financial and Managerial Accounting (3)
MBA 6040 Managerial Economics (3)
MBA 6050 Quantitative Methods I (3)
MBA 6051 Quantitative Methods II (3)

Other Required Courses (24 credit hours)
MBA 6110 Tools for the Effective Manager (3)
MBA 6120 Organizational Behavior (3)
MBA 6130 Financial Management (3)
MBA 6140 Marketing Management (3)
MBA 6150 Logistics/Operations Management (3)
MBA 6210 Management Accounting and Control (3)
MBA 6310 Information Technology in the Enterprise (3)
MBA 6410 Global Macroeconomic Conditions (3)

Electives (select 12 credit hours)
MBA 6160 Applications of Decision Modeling (3)
MBA 6170 Corporate Communications (3)
MBA 6420 The Economics of Industry (3)
MBA 6510 Investment Analysis & Portfolio Management (3)
MBA 6520 International Business Field Studies (3)
MBA 6530 E-Business (3)
MBA 6540 Negotiations (3)
MBA 6550 Managing and Improving Quality (3)
MBA 6560 Business/Market Planning (3)
MBA 6570 Business Strategies for Environmental Sustainability (3)
MBA 6580 Project Management (3)
MBA 6630 Networking and Information Systems (3)
MBA 6640 Information Management in the Enterprise (3)
MBA 6680 Graduate Consulting Project (3)
MBA 6800 Directed Study (1-3)
Capstone (3 credit hours)
MBA 6180 Strategic Management (3)

Fast-Track MBA Program Requirements for Students with an Undergraduate Business Degree

The Fast-Track MBA program is open only to students who have completed an undergraduate business degree from an AACSB-accredited business school within the past 10 years.

Required Courses (24 credit hours)
MBA 6110 Tools for the Effective Manager (3)
MBA 6210 Management Accounting and Control (3)
MBA 6120 Organizational Behavior (3)
MBA 6130 Financial Management (3)
MBA 6140 Marketing Management (3)
MBA 6150 Logistics/Operations Management (3)
MBA 6310 Information Technology in the Enterprise (3)
MBA 6410 Global Macroeconomic Conditions (3)

Electives (select 9 credit hours)
MBA 6160 Applications of Decision Modeling (3)
MBA 6170 Corporate Communications (3)
MBA 6420 The Economics of Industry (3)
MBA 6510 Investment Analysis & Portfolio Management (3)
MBA 6520 International Business Field Study (3)
MBA 6530 E-Business (3)
MBA 6540 Negotiations (3)
MBA 6550 Managing and Improving Quality (3)
MBA 6560 Business/Market Planning
Using Online Resources (3)
MBA 6570 Business Strategies for Environmental Sustainability (3)
MBA 6580 Project Management (3)
MBA 6630 Networking and Information Systems (3)
MBA 6640 Information Assurance in the Enterprise (3)
MBA 6680 Graduate Consulting Project (3)
MBA 6800 Directed Study (1-3)

Capstone (3 credit hours)
MBA 6180 Strategic Management (3)

Please refer online to goddard.weber.edu/dp/mba for a suggested course sequence.

Prerequisite for all MBA courses: Admission to the MBA Program

MBA 6010. Legal and Regulatory Environment of Business (3)

This course is an introduction to business law, emphasizing basic legal principles and the broad application of domestic and international public and private law. Its overriding objective is to provide a working understanding of the legal environment of business for MBA students. Its focus is on regulatory law, business organizations, and other legal topics of special importance to managers of businesses.

MBA 6020. Financial and Managerial Accounting (3)

A general study of the use of accounting information by internal and external decision makers with emphasis on the use of accounting information by managers of an entity. Topics covered include the accounting cycle, the basic financial statements, inventories, long-term liabilities, cost concepts and behaviors, cost-volume-profit analysis, and financial statement analysis.

MBA 6040. Managerial Economics (3)

This course develops the basic concepts and analytical tools of economics which include opportunity cost, marginal analysis, constraints, and optimizing behavior. Applications include theories of the firm, its organizational architecture, transactions costs, markets, pricing, and other managerial issues.

MBA 6050. Quantitative Methods I (3)

This class will give students the opportunity to learn how to write, read, and analyze statistical data as it pertains to business and society. The basic premise of this course is to provide the student with an understanding of statistics as it is used in business and economics. This course will give special emphasis to understanding, interpreting and communicating statistics. Topics covered include descriptive statistics, probability, probability distributions, sampling distributions and hypothesis testing. Prerequisite: Math QL1050 or Instructor Approval.

MBA 6051. Quantitative Methods II (3)

This course will build on the first foundation course on descriptive statistics by emphasizing inferential statistics. This course will be application oriented and will focus on hypothesis testing and regression analysis. Students will learn how to design a survey and evaluate the data in order to test theories learned in other MBA courses. Students will also learn basic concepts and methods of optimization using elementary concepts in differential calculus. Prerequisite: MBA 6050 Quantitative Methods I or Instructor Approval.

MBA 6110. Tools for the Effective Manager (3)

This course is designed to be taken at the beginning of formal course work in the MBA program. Students will explore various aspects of moral reasoning and apply these concepts to common ethical issues faced in business. Students will work individually and in groups to explore issues of personal values, self-awareness, teamwork, communication, managing differences, and career management. Students in this course will be introduced to analytical, communication, and technological tools used throughout the program.

MBA 6120. Organizational Behavior (3)

This is a course for graduate students who have already been exposed to the principles of management and organizational behavior and who are now seeking a more advanced preparation for the behavioral role of the manager. It offers a critical review of the factors that influence behavior within the organizational setting. Behavioral concepts are emphasized which particularly relate to group dynamics, interpersonal relations, and ultimately, organizational effectiveness. In short, this course deals with the human aspects of management—the kinds of problems most frequently experienced in day-to-day interaction with others. The format will include discussions, group and individual exercises, case studies, and student reports.

MBA 6130. Financial Management (3)

Financial Management is a detailed presentation of the practices, techniques, and applications of theory in corporate finance. The focus is an understanding of how companies operate and acquire the tools necessary to analyze and evaluate corporate financial policies. Cases and applied research in the form of outside readings will assist students to focus on key issues. The purpose of the course is to assist current and prospective managers in making better investment and financing decisions. The course addresses (1) the investment decision (capital budgeting) as well as (2) the financing decision. Class discussion and cases will focus on capital budgeting and specifically on the establishment of goals, development of strategy, identification of investment opportunities, evaluation of projects, implementation of projects, and the monitoring processes. Shareholder wealth maximization is the standard for determining why one decision is “better” than another. The ethical considerations of wealth maximization will also be addressed. Prerequisite: MBA 6020 and 6041; or equivalent course work in accounting and statistics.
MBA 6140. Marketing Management (3)
This course centers on creating customer value profitability in competitive markets. In an integrative fashion, it covers analyzing customer needs and preferences; estimating market potential; assessing market opportunities and threats in view of the focal company's and its competitors' resources and capabilities; developing market and marketing strategies; making astute product, pricing, distribution, and promotion decisions; and measuring marketing performance. Pedagogical vehicles include lectures, reading assignments, and case-based discussions and reports.

MBA 6150. Logistics/Operations Management (3)
"Manufacturing of the future will be required to meet customer-driven demand instantaneously. The future is now! The requirements for faster response, more customer input, and greater product variety have not diminished, but instead have escalated. This course builds upon basic production and operations management knowledge to meet the needs of customers generated in today's global market. It is designed to enhance the student's understanding of how to analyze problems related to design, planning, control, and improvement of manufacturing and service operations. Topics include, but are not limited to, supply chain management, materials management, production planning and control, scheduling, capacity and facilities planning, manufacturing strategy, and global operations. Prerequisite: MBA 6050 or equivalent course work in statistics.

MBA 6160. Applications of Decision Models (3)
This course represents a rigorous treatment of quantitative decision-making with emphasis on data collection, analysis, and model building. This course emphasizes experience in structuring realistic business problems, collecting data, developing an appropriate model for analysis, and interpreting and demonstrating results. A number of cases are employed. Prerequisite: MBA 6050 or equivalent course work in statistics.

MBA 6170. Corporate Communications (3)
The focus of this course is to develop an integrated corporate communications program in organizations which will provide effective communication both to internal and external stakeholders. Among the topics to be discussed are corporate image and identity, corporate advertising and advocacy, media relations, marketing, communication, financial communication, community relations, corporate philanthropy, government affairs and crisis communication. Attention will also be given to effective communication internally through various methods, such as meetings, programs and publications.

MBA 6180. Strategic Management (3)
This course takes a broad view of the entire organization. In some instances, the organization will have one line of business. In other cases, the organization may be a large diversified corporation with many lines of business. We will examine the strategic issues facing diversified corporations including: vertical integration, diversification into related and unrelated businesses, and operating synergies. Prerequisites: MBA 6130, 6140, 6150 and 6410.

MBA 6210. Management Accounting and Control (3)
This course is designed to introduce the student to the concepts and procedures of managerial accounting through readings and case studies. The course emphasizes the use of accounting data in the decision-making process by *internal* decision-makers (e.g., management), rather than external decision-makers (e.g., stockholders, investors, creditors, and regulatory bodies). The course topics include cost terms and concepts, job-order costing, activity-based costing, quality management, cost behavior, cost-volume-profit analysis, profit planning, relevant costs, capital budgeting, cost allocation, and pricing. Prerequisite: MBA 6020 or equivalent course work in accounting.
MBA 6640. Networking & Information Systems (3) F
This course covers the role of networking technology in information systems. Through hands-on and conceptual knowledge, students will learn how data communications and networks are used to facilitate decentralized and distributed systems in support of decision making. Various aspects of networking including standards, media, network design and applications will be covered. Students will gain hands-on familiarity with a local area network and the Internet. Prerequisite: Admittance to MACC or MBA program and IST 3110 or equivalent.

MBA 6640. Information Assurance in the Enterprise (3) S
This course covers the basics principles and concepts in information assurance. It examines the managerial, operational, and organizational issues of securing information systems. Topics include legal and ethical issues in computer security; privacy concerns; malware; security awareness at the executive, technical and user levels; physical security, personnel security issues; policies and procedures; the need for enterprise security awareness; and the need for an enterprise security organization. Case studies and exercises in the computer lab will be used to provide examples of the need for organizations to develop security procedures and policies. Prerequisite: Admittance to MACC, MBA or IST Certificate program.

MBA 6680. Graduate Consulting Project (3) F, S
Graduate students are given the opportunity to consult with an existing organization, make recommendations for improvements, and assist in implementing changes in the organization. Students meet periodically with supervising faculty to review results. Prerequisite: Instructor approval.

MBA 6800. Directed Study (1-3)
Directed individual study and research on special topics related to business. May be repeated for a cumulative total of three credits. Prerequisite: Written approval of MBA program and instructor.

MBA 6800. Directed Study (1-3)

SCHOOL OF ACCOUNTANCY

Chair: Dr. Ronald M. Mano
Location: Wattis Business Building, Room 221
Telephone: Heather Farley, 801-626-6072

Professors: Jefferson T. Davis, E. DeVon Deppe, David Durkee, Ronald M. Mano, Richard E. McDermott, Allen E. Simkins, James G. Swearingen; Associate Professors: Larry Deppe; Assistant Professors: Matthew Mouritsen, Ryan H. Pace, Sandra Lee Swearingen; Instructor: Loisanne Kattelman; Visiting Professor: Tom L. Allen

The School of Accountancy creates a synergy between accounting, business, and economic theory and contemporary practice to prepare working professionals and full-time for careers in a global, culturally diverse, information-driven economy. Three principles are central to our mission:

• **Education** - The first, and foremost, is fostering learning through excellent teaching, individual attention, and scholarship, which develops, assesses, and disseminates good practice.
• **Research** - The second is the application of theory to practice through applied research and scholarship, and the utilization of applied research to further learning in the classroom and through co-curricular activities.
• **Community** - The third is advancing contemporary practice and creating learning opportunities by contributing to the accounting profession and to business and the community.

The field of accounting encompasses the well-recognized profession of public accounting including auditing, management advisory...
services, and tax services; professional careers in industry such as management accounting (controllership), cost accounting, and internal auditing; careers in various governmental agencies and other accounting and business-related fields. Accounting is defined as the process of gathering, classifying, interpreting, and presenting information for decision-making purposes to diversified user groups.

Certification in public accounting in Utah requires 30 semester hours beyond a baccalaureate degree. Students should take advantage of opportunities to prepare themselves to sit for one of the professional examinations (such as Certified Public Accountant, Certified Management Accountant, and/or Certified Internal Auditor) at the culmination of their accounting program.

**MASTER OF ACCOUNTING**

(MAcc)

An accounting professional in today's environment must possess a high level of technical competence, a sense of commitment to service, communication skills, analytical skills, and the ability to work well with people. To obtain the required body of knowledge and to develop the skills and abilities needed to be successful accounting professionals, serious consideration must be given to study beyond a four-year baccalaureate program. The Master of Accounting (MAcc) Program provides an additional year of training for the professional accountant. In addition, the MAcc satisfies the requirements of the Utah Certified Public Accountant Licensing Act for those wishing to sit for the Uniform CPA Examination. It gives the students an opportunity to increase the depth of their understanding in key areas and allows a broadening of perspective by providing course work in a variety of areas that cannot be considered in an undergraduate program due to time constraints.

- **Grade Requirements**: A MAcc student must complete all MAcc program courses, including electives, with a grade of "C" or higher. In addition, the overall program GPA must be 3.0 or higher.

- **Credit Hour Requirements**: The program requires a minimum of 30 semester hours beyond a bachelor's degree in accounting.

The MAcc Program Director must approve each MAcc student's plan of study which will show all courses that the student plans to take. A plan of study must be filed when a student is accepted into the program, when the student wishes to make changes, and each year the student remains in the program.

**Admissions Requirements**

The primary criteria in determining eligibility for admission to the Goddard School MAcc Program are previous academic achievement and performance on the Graduate Management Admission Test (GMAT) and other factors such as work experience and career progression.

Applicants must submit a completed application form and current resume, as well as transcripts from every institution of higher education attended. Three letters of recommendation are required. At least two of these letters should come from individuals who can evaluate the applicant's academic abilities. All letters should address the applicant's potential for successful graduate study. Each applicant is considered on an individual basis.

**Additional Admission Requirements for International Students:**

All international students and any applicant educated outside the U.S. must demonstrate proficiency in English. Those whose native language is not English, or whose language of instruction for their undergraduate degree was not English, will be required to submit a score from the Test of English as a Foreign Language (TOEFL) which is not more than two years old and on which a minimum score of 550 (paper-based) or 213 (computer-based) has been earned.

**Application**

Application for admission to the Master of Accounting Program should normally be made by July 1, October 1, and February 1 of the year during which admission is sought. Application for admission must include GMAT scores, official undergraduate transcripts, resume, and three letters of recommendation.

It is expected that the Master of Accounting Program will entail approximately two semesters of full-time study for a student with a bachelor's degree in accounting. Students with other business-related degrees can expect to spend about two years in the program. Those with non-business related undergraduate degrees should plan to spend at least three years in the program.

Contact the School of Accountancy for a separate and detailed bulletin on the Master of Accounting Program.

**Professional Accounting Track**

All MAcc students in the Professional Accounting Track are required to complete the following courses:

- MACC 6120  Financial Accounting and Reporting (3)
- MACC 6130  Government and Not-for-Profit Accounting (3)
- MACC 6160  Financial Statement Analysis (3)
- MACC 6330  Strategic Management Accounting (3)
- MACC 6560  Advanced Auditing and Assurance Services (3)
- MACC 6570  Information Systems Auditing (3)
- MACC 6610  Advanced Accounting Information Systems (3)

And one of the following tax courses: MACC 6400, MACC 6420, MACC 6430, MACC 6460, or MACC 6470.

In addition to the courses listed above, MAcc students in the Professional Accounting Track are required to complete 6 hours of electives. They may select any other MAcc courses. Electives may include a maximum of 3 hours of non-MAcc courses selected from approved S000 or higher-numbered courses which were not taken in the student's undergraduate program.

**Tax Track (30 credit hours)**

All MAcc students in the Tax Track are required to complete the following courses:

- MACC 6400  Tax Research & Planning (3)
- MACC 6420  Taxation of Gifts, Estates, & Trusts (3)
- MACC 6430  Advanced Individual Tax Problems (3)
- MACC 6460  Corporate Taxation (3)
- MACC 6470  Partnership Taxation (3)

And at least one of the following:

- MACC 6440  Exempt Entities and State & Local Taxation (3)
- MACC 6480  Retirement Planning (3)
- MACC 6490  Advanced Corporate Taxation (3)

In addition to meeting the requirements set forth above, MAcc students in the Tax Track are required to complete at least 2 three-hour non-tax MAcc courses.

**MASTER OF ACCOUNTING COURSES - MACC**

Entry into all 6000 level courses requires graduate standing. (See School of Accountancy for graduate standing criteria.)

MACC 6120. Financial Accounting & Reporting (3)

In-depth coverage of financial accounting and reporting topics from a theoretical and practical standpoint through a combination of reading assignments, classroom lecture/discussion sessions, assignments, cases, and student presentations. Topics include the FASB...
and the standard-setting process; SEC policy and practice; accounting for leases, post-employment benefits, deferred income taxes, and stock compensation plans.

MACC 6130. Governmental and Nonprofit Accounting (3)
A study of governmental and nonprofit accounting concepts including revenue and expense recognition; asset and liability valuation; and reporting, disclosure, and financial analysis. Includes in-depth discussion of the new GASB reporting model for governments and analysis of actual government financial statements produced using the new model.

MACC 6160. Financial Statement Analysis (3)
Comprehensive study of the analysis and interpretation of financial statements by external decision makers and the impact of accounting conventions and alternative standards on analytical measures.

MACC 6210. Ethical Considerations & Legal Liability (3)
A study of the ethics espoused by accountants and their professional organizations with attention given to the current legal climate in which accountants operate.

MACC 6310. Advanced Cost Accounting (3)
Advanced cost accounting topics including cost accounting for non-manufacturing organizations, human information processing, activity resource usage, pricing, performance measurement, and non-routine decisions.

MACC 6330. Strategic Management Accounting (3)
A study and analysis of advanced managerial accounting subjects. Examines the impact of accounting information on managerial processes including planning, organizing, and controlling.

MACC 6400. Tax Research & Planning (3)
Techniques in effective tax research, planning and communication. Also includes discussion of tax policy, procedure and ethics.

MACC 6410. International Taxation (3)
Principles of U.S. taxation applicable to inbound and outbound international transactions. Also covers issues related to international tax treaties.

MACC 6420. Taxation of Gifts, Estates, & Trusts (3)
Principles of estate & gift taxation and valuation. Also includes wills and intestate succession and income taxation of estates and trusts.

MACC 6430. Advanced Individual Tax Problems (3)
In-depth coverage of advanced individual tax issues such as alternative minimum tax, loss limitations, real estate transactions, stock options, employment taxes, tax credits, charitable contributions, interest classification, related-party transactions, and timing of income/loss recognition.

MACC 6440. Exempt Entities and State & Local Taxation (3)
Nonprofit corporations, public charities, private foundations, excise taxes, unrelated business income, and compliance issues for tax-exempt entities. State income taxation, nexus, constitutional limitations, sales tax, excise tax, property tax, and other current state and local tax issues.

MACC 6460. Corporate Taxation (3)
Income taxation of corporations and shareholders. Includes in-depth analysis of tax issues related to corporate formations, operations, distributions and liquidations. Also covers the taxation of S corporations.

MACC 6470. Partnership Taxation (3)
Income taxation of partnerships and partners. Includes in-depth analysis of tax issues related to partnership formations, operations, distributions and liquidations. Also covers issues related to limited liability companies.

MACC 6480. Retirement Planning (3)
Consideration of tax, insurance, investment and estate planning principles from a retirement perspective. Includes discussion of sources of retirement income and anticipated retirement expenses.

MACC 6490. Advanced Corporate Taxation (3)
In-depth coverage of advanced corporate tax topics such as tax-free corporate reorganizations, taxable stock acquisitions, taxable asset acquisitions, affiliated groups, consolidated returns, and corporate tax shelters. Recommended Prerequisite: MACC 6460.

MACC 6560. Advanced Auditing and Assurance Services (3)
Advanced topics of auditing and assurance services including professional and technical aspects of auditing practice, introduction to SEC, ethics and legal responsibilities, fraud, recent auditing developments, sampling techniques for decision making, internal control, and risk assessment.

MACC 6570. Information Systems Auditing (3)
Methods, techniques, controls, and procedures used in the audit of computerized accounting systems.

MACC 6580. Internal Auditing (3)
Internal audit profession, internal control, risk assessment, evidence gathering, audit management, internal/external auditor relations, environmental auditing and federal sentencing guidelines, and audit reporting.

MACC 6610. Advanced Accounting Information Systems (3)
An advanced study of accounting information systems including general ledger, principles, tools, and techniques for controls, database systems, management query, and data analysis tools and systems. Course integrates projects and case studies where applicable.

MACC 6801, 6802, 6803. Individual Study (1, 2, 3)
Individual work or work in small groups, by arrangement, on special topics not included in the announced course offerings. Prerequisite: Approval of Graduate Coordinator and Instructor.

MACC 6991, 6992, 6993. Lecture Seminar (1, 2, 3)
Lecture and discussion of current accounting topics by individuals from business and industry.

ACCOUNTING MAJOR

BACHELOR'S DEGREE (BS or BA)

- Program Prerequisites: Most business and economics courses with numbers above 3000 require prior completion of ACTG 2010, ECON SS2010, ECON SS2020, IST 2010, and QUAN SS2600. These prerequisites are referred to collectively as “Business Foundations.” All Accounting courses numbered above 3000 require Business Foundations except ACTG 3110, 3400, and 3500. (Refer to the John B. Goddard School of Business & Economics Requirements on pages 164-167.)

- Minor: Not required.

- Grade Requirements: Candidates for the bachelor of arts and bachelor of science degrees must complete all prerequisite and required business and economics courses with a grade of “C-“ or higher. In addition, the cumulative Business Foundation GPA, the overall business and economics GPA, and the overall university GPA must be 2.5 or higher.

- Credit Hour Requirements: A total of 123 credit hours is required for graduation.
Advisement
Advisement is strongly encouraged for all GSB majors and minors. See more information on available advising resources on page 166.

Please feel free to call or stop by the office to obtain the School of Accountancy “Student Information Brochure.” All School of Accountancy faculty are available during their office hours to individually advise students.

Admission Requirements
Acceptance to the John B. Goddard School of Business & Economics is required for all business majors, minors, and certificates. Students may obtain an application for admissions from the GSB Advising Center, WB 211, (801) 626-6534 and/or the School of Accountancy, WB 221, (801) 626-6072.

General Education
Refer to General Requirements for either Bachelor of Science or Bachelor of Arts requirements. The following courses required for the Accounting major also will satisfy general education requirements: ENGL EN1010 and ENGL EN2010 (Composition); MATH QL1050 (Quantitative Literacy); BTNS LI1403 (Life Science); ECON SS2010 or ECON SS2020 (Social Science); ECON A1740 is recommended to fulfill the Senate Bill Requirement in American Institutions.

Course Requirements for BS or BA Degree
John B. Goddard School of Business & Economics Requirements
Liberal Support Curriculum (13 or 14)
Business Foundations (13)
Business Cross-Functional Core (19)
Business Functional Core (15)

Required Major Courses (36 credit hours)
All course prerequisites must be met. Refer to the course descriptions for required prerequisites.

ACTG 3110 Intermediate Financial Accounting I (3)
ACTG 3120 Intermediate Financial Accounting II (3)
ACTG 3300 Cost Accounting (3)
ACTG 3400 Taxation of Individuals (3)
ACTG 3500* International Accounting (3)
ACTG 3750 Accounting & Information Systems (3)
ACTG 4510 Auditing (3)
ACTG 5130 Advanced Accounting (3)
ACTG 5440 Taxation of Business Entities (3)
BSAD 4210 Survey of Business Law (3)
IST 3250 Business Communications (3)

*Accounting 3500 satisfies the International requirement under the Cross-Functional Core as well as the Required Major course requirement.

Oral Communications Elective (3 credit hours)
Select one of the following

COMM HU1020 Principles of Public Speaking (3)
COMM HU2110 Interpersonal & Small Group Communication (3)
COMM 2270 Argumentation & Debate (3)
COMM 3070 Performance Studies (3)
COMM 3100 Small Group Communication Theory & Application (3)
COMM 3120 Advanced Public Speaking (3)

Suggested Course Sequence
Please refer to this program in the online catalog (weber.edu/catalog) and/or contact the department for a suggested course sequence.

ACCOUNTING

MINOR

» Grade Requirements: Candidates for minors must complete all prerequisite and required business and economics courses with a grade of “C-” or higher. In addition, the cumulative Business Foundation GPA, the overall business and economics GPA, and the overall university GPA must be 2.5 or higher.

» Credit Hour Requirements: A total of 37 credit hours is required. Of the 37 hours, 24 hours are accounting classes and the remaining classes are support courses.

For the John B. Goddard School of Business & Economics majors, this represents an additional 18 credit hours of course work beyond requirements in major field.

This minor is available to all students. Business students must complete the minor requirements in addition to all major requirements. Approval of a minor program by the School of Accountancy is required. All prerequisites for required courses must be satisfied.

Course Requirements for Accounting Minor
Courses Required (24 credit hours)
ACTG 2010* Survey of Accounting I (3)
ACTG 2020* Survey of Accounting II (3)
ACTG 3110 Intermediate Financial Accounting I (3)
ACTG 3120 Intermediate Financial Accounting II (3)
ACTG 3300 Cost Accounting (3)
ACTG 3400 Taxation of Individuals (3)
ACTG 3750 Accounting & Information Systems (3)
ACTG 4510 Auditing (3)

Support Courses Required (13 credit hours)
QUAN SI2600* Business Statistics I (3)
ECON 2010* Principles of Microeconomics (3)
ECON 2020* Principles of Macroeconomics (3)
IST 2010* Business Computer Skills (1)
SCM 3050 Operations & Logistic Management (3)

*Required for all John B. Goddard School of Business & Economics majors.

UNDERGRADUATE ACCOUNTING COURSES - ACTG

ACTG 1010. Practical Accounting & Taxes (3)
A pragmatic look at financial accounting and federal taxes as they relate to the individual's personal life. Designed for non-accounting majors.

ACTG 2010. Survey of Accounting I (3) F, S
Introduction to accounting information, the basic accounting cycle, and consideration of selected financial statement topics. The course emphasizes the uses and limitations of accounting information in economic decision-making, as well as problem-solving, oral and written communication skills, and computer skills.

ACTG 2020. Survey of Accounting II (3) F, S
Further consideration of selected financial statement topics. Analysis of cost behavior and the uses and limitations of accounting information in planning, controlling, and decision-making processes. Emphasizes skills in problem-solving, oral and written communication, and computer skills. Prerequisite: ACTG 2010.

ACTG 2891, 2892, 2893. Coop Work
Experience (1, 2, 3) F, S
Open to students meeting criteria established from time to time by the department and on file either in the department or the cooperative education office. Provides academic credit for selected on-the-job experience. Grade and amount of credit will be determined by the department. Prerequisite: Instructor Approval.
ACTG 2921, 2922, 2923. Short Courses, Workshops, Institutes, & Special Programs (1, 2, 3) E, S
Consult the semester class schedule for the current offering under this number. The specific title and credit authorized will appear on the student transcript.


ACTG 3120. Intermediate Financial Accounting II (3) F, S

ACTG 3300. Cost Accounting (3) F, S
Cost determination for budgeting, product costing, process costing, cost assignment and allocation, standard costing, and decision making in manufacturing and service organizations. Prerequisites: ACTG 2020, Business Foundations.

ACTG 3400. Taxation of Individuals (3) F, S
Basic concepts of gross income, deductions, credits, special computations, and property transactions for individual taxpayers. Prerequisite: ACTG 2020.

ACTG 3500. International Accounting (3) F, S
This course reviews major issues in international accounting, including historical, cultural, and environmental influences that impact various national accounting systems. Harmonization of standards is also examined. Prerequisites: ACTG 2020.

ACTG 3750. Accounting & Information Systems (3) F, S
Analysis, design, and implementation of accounting information systems with special emphasis on an understanding of accounting cycles, internal control concepts, and data flows associated with basic economic entities of the organization. Prerequisite: ACTG 3110, Business Foundations.

ACTG 4510. Auditing (3) F, S
Generally-accepted auditing standards, professional responsibilities, evidence, internal control, sampling, audit tests, and audit reports. Prerequisite: ACTG 3120 or concurrent enrollment in ACTG 3120; Business Foundations.

ACTG 4801, 4802, 4803. Individual Study (1, 2, 3) F, S
Individual work or work in small groups by arrangement on special topics. Prerequisite: Instructor Approval.

ACTG 4891, 4892, 4893. Coop Work Experience (1, 2, 3) F, S
Open to students meeting criteria established from time to time by the department and on file either in the department or the cooperative education office. Provides academic credit for selected on-the-job experience. Grade and amount of credit will be determined by the department. Prerequisite: Instructor Approval.

ACTG 4921, 4922, 4923. Short Courses, Workshops, Institutes, & Special Programs (1, 2, 3) F, S
Consult the semester class schedule for the current offering under this number. The specific title and credit authorized will appear on the student transcript.

ACTG 5130. Advanced Accounting (3) F, S
A study of business combination accounting. The course will also include an introduction to government and fund accounting. Prerequisites: ACTG 3120, Business Foundations.

ACTG 5440. Taxation of Business Entities (3) F, S
A study of the income taxation of corporations (including S corporations), limited liability companies, and partnerships. Prerequisite: ACTG 3400, Business Foundations.

DEPARTMENT
BUSINESS ADMINISTRATION

Chair: Dr. W. Bruce Handley
Location: Wattis Business Building, Room 216
Telephone: Kathy May 801-626-6075
Professors: H. Lon Addams, Anthony Allred, Brian Davis, W. Bruce Handley, E. Jeffery Livingston, James E. Macdonald, Stephen Russell, Shane J. Schvaneveldt, E. K. Valentin; Associate Professors: Bruce Christensen, Rolf Dixon, Sandra P. Powell; Assistant Professors: Cam Caldwell, Yuhong Fan, James Turner; Instructors: Bruce Davis, Terrilyn Morgan

The student who majors in business administration is seeking the most general business degree that is offered at the bachelor’s level. This major has been described as an undergraduate MBA because of its emphasis on breadth of education across all of the functional areas of business. This degree might be especially appropriate for students who intend to become entrepreneurs.

BUSINESS ADMINISTRATION
BACHELOR’S DEGREE (BS OR BA)

Program Prerequisites: Most business and economics courses with numbers above 3000 require prior completion of ACTG 2010, ECON SS2010, ECON SS2020, IST 2010, and QUAN 2600 (unless noted). These prerequisites are referred to collectively as “Business Foundations.” (Refer to the John B. Goddard School of Business & Economics Requirements on pages 164-167.)

Minor: Not required.

Grade Requirements: Candidates for the bachelor of arts and bachelor of science degrees must complete all prerequisite and required business and economics courses with a grade of “C-” or higher. In addition, the cumulative Business Foundations GPA, the overall business and economics GPA, and the overall university GPA must be 2.5 or higher.

Credit Hour Requirements: A total of 120 credit hours is required for graduation – 60-61 of these are School requirements, 30 are required within the major, and the balance should be taken outside of the major. The required 40 upper-division credit hours (courses numbered 3000 and above) are included in the School and major requirements.

Advisement
Advisement is strongly encouraged for all GSBE majors and minors. See more information on available advising resources on page 166.

Admission Requirements
Acceptance to the John B. Goddard School of Business & Economics is required for all business majors, minors, and certificates. Students may obtain an application for admissions from the GSBE Advising Center, WB 211, (801) 626-6534 and/or the Department of Business Administration, WB 216, (801) 626-6075.
General Education

Refer to pages 38-43 for either Bachelor of Science or Bachelor of Arts requirements. The following courses required for the Business Administration major will also satisfy general education requirements: ENGL EN1010, ENGL EN2010 (English Composition); MATH QL1050 (Quantitative Literacy); ECON SS2010 or ECON SS2020 (Social Science); and BTNY LS1403 (Life Science).

Course Requirements for BS or BA

John B. Goddard School of Business & Economics Requirements

Liberal Support Curriculum (13 or 14)
Business Foundations (13)
Business Cross-Functional Core (19)
Business Functional Core (15)

Major Courses Required (6 credit hours)

IST 3110 Information Technology for Business (3)
MGMT 3200 Managerial Communications (3)

Major Electives (24 credit hours)

Two Marketing courses selected from
MKTG 3100 Consumer Behavior (3)
MKTG 3200 Selling & Sales Management (3)
MKTG 3450 Promotion Management (3)
MKTG 3500 Retail Management (3)
MKTG 4400 Marketing Strategy (3)

Two Finance courses selected from
FIN 3300 Investments (3)
FIN 3350 Financial Institutions (3)
FIN 3400 Real Estate Principles & Practices (3)
FIN 3500 Capital Budgeting (3)
FIN 4400 Financial Problems - Corporate Finance (3)

Two Management or Supply Chain Management courses
(One each from Groups A and B)

• Group A
MGMT 3300 Human Resource Management (3)
MGMT 4300 Influence & Group Effectiveness (3)
MGMT 4400 Advanced Organizational Behavior (3)

• Group B
SCM SI3500 Computer Models/Applications (3)
SCM 4100 Quality Management (3)
SCM SI4600 Simulation (3)

Two courses selected from the following
ACTG* (3)
ECON* (3)
IST* (3)
SCM* (3)
BSAD SI3500 Intro to Business Research (3)
BSAD 3600 [World Region] Business & Society (3)
BSAD 4210 Survey of Business Law (3)
BSAD 4500 Entrepreneurship (3)
BSAD 4680 Senior Consulting Project (3)
One additional CBE international course (3)
MGMT 4650 Negotiations (3)
One additional course from Group A or B in the previous section (3)

*Upper division course to be approved by your faculty advisor.

BUSINESS ADMINISTRATION

MINOR FOR NON-BUSINESS MAJORS

• Grade Requirements: A minimum GPA of 2.5 in all courses used toward the minor.

• Credit Hour Requirements: Minimum of 35 credit hours in approved courses. See the John B. Goddard School of Business & Economics advisor for requirements.

Students pursuing this business administration minor must major in a non-business field and receive approval of the program by the Business Administration Department chair.

Courses Requirements for Minor

Required Courses (16 credit hours)

ACTG 2010 Survey of Accounting I (3)
ECON SS2010 Principles of Microeconomics (3)
ECON SS2020 Principles of Macroeconomics (3)
QUAN SI2600 Business Statistics I (3)
QUAN SI3610 Business Statistics II (3)
IST 2010 Business Computer Skills (1)

All course prerequisites must also be completed.

Elective Courses (15 credit hours)

A minimum of 15 hours in Business Administration, Finance, Management, Marketing, and Supply Chain Management courses as approved by the Business Administration Department.

BUSINESS ADMINISTRATION COURSES - BSAD

The following courses are predominantly service-oriented, interdisciplinary courses which complement the majors, minors, and emphases throughout the John B. Goddard School of Business & Economics.

BSAD 1010. Introduction to Business (3) Su, F, S
Relation of business managers and firms to contemporary society and the global economy. Topics include human values and ethics in the workplace, multiculturalism, social responsibilities of business, business functions, and general principles of effective business operation.

BSAD TD2704. Information Resources in the Business Disciplines (1)

Information Resources in the Business Disciplines is a one credit hour course that will assist students in developing information literacy and basic research skills to support life-long learning. Students will develop skills in identifying, locating, retrieving, documenting, and critically evaluating both electronic and print resources that are appropriate for undergraduate research, with emphasis in the business disciplines. Completion of this course meets part D of the WSU Computer and Information Literacy requirement. Cross listed with LIBS TD2704. Instructor approval required.

BSAD 2920. Short Courses, Workshops, Institutes, and Special Programs (1-6)

Consult the semester class schedule for the current offering under this number. The specific title and credit authorized will appear on the student transcript.

BSAD 3000. Small Business Management (3) Su, F, S
This course is designed for students majoring outside the John B. Goddard School of Business & Economics. It will not be counted for credit toward graduation for students majoring in the John B. Goddard School of Business & Economics. It covers the business management concepts involved in starting and/or managing a small business.

BSAD 3200. Legal Environment of Business (3) Su, F, S
Introduction to the legal and judicial system, emphasizing the application of regulatory law (e.g., antitrust, employment discrimination, etc.) and selected common law topics (e.g., contracts, agency, etc.).

BSAD 3330. Business Ethics & Environmental Responsibility (3) Su, F, S
An introduction to the rudiments of moral reasoning, concepts and principles, and their application to common ethical issues faced in
business. Special attention will be given to moral issues associated with the use of the natural environment by businesses. Prerequisites: Business Foundations, BSAD 3200.

BSAD 3500. Introduction to Business Research (3) F, S
Introduces students to gathering and analyzing primary and secondary data for a wide range of business applications, such as assessing customer or employee satisfaction. Students are introduced to CD ROM databases, other library resources, questionnaire development and administration, basic data analysis, and research report writing. Prerequisites: Business Foundations, QUAN SI3610.

BSAD 3600. [World Region] Business and Society (3)
The world region or country covered in this course varies and will be indicated in the specific course title and on the student’s transcript (e.g., European Business and Society, Japanese Business and Society, etc.). For a specified world region or country, this course considers its historical and cultural roots, together with modern societal issues, as they relate to business; the role of business in society; economic development, industrial policy, and trade relations; and management and business practices, including sociocultural considerations, in the specified world region or country. Recommended: Prior course work in business or economics or the appropriate foreign language(s) or culture, or in-country experience.

BSAD 4210. Survey of Business Law (3) F, S
An overview of sales, negotiable instruments, property, and debtor/creditor relations and other selected legal topics. Prerequisites: Business Foundations, BSAD 3200.

BSAD 4401. E-Commerce (3)
Technologies, strategies, and methods for an electronic approach to financial, purchasing, marketing, and order fulfillment processes. Emphasis is on creating successful business strategies to exploit Internet and Electronic Data Interchange (EDI) capabilities. Prerequisite: MKTG 3010 or concurrent enrollment in MKTG 3010.

BSAD 4500. Entrepreneurship (3) S
Integration of various functional areas of business as they relate to evaluating, creating, planning, and managing new business ventures. Prerequisites: Business Foundations; MKTG 3010; MGMT 3010, MGMT 3200.

BSAD 4620. Executive Lectures (1) F, S
This course is designed to acquaint the students with successful executives, their personal styles and philosophies as leaders, and the keys to their effectiveness. The format is a series of weekly one-hour lectures delivered by guest executives. The course may be repeated for credit to a maximum of two credit hours.

BSAD 4680. Senior Consulting Projects (3) F, S
Senior students are given the opportunity to analyze actual businesses, make recommendations, and implement appropriate methods in organizations. Students meet with supervising faculty weekly to review their progress. Prerequisite: Business Foundations; Instructor approval.

BSAD 4780. Strategic Management (3) F, S
A capstone course for seniors designed to facilitate integration of the knowledge gained in earlier courses. Focus of the course is on the total enterprise. Emphasis is on crafting well-conceived strategies and on successful strategy implementation. Prerequisites: Business Foundations, BSAD 3200; SCM 3050; FIN 3200; MGMT 3010, 3200; MKTG 3010; Senior standing.

BSAD 4800. Independent Research (1-3) Su, F, S
Directed research and study on an individual basis. May be repeated until a total of 4 hours credit is accumulated. Prerequisites: Business Foundations; Senior Standing; Written Instructor Approval.

BSAD 4920. Short Courses, Workshops, Institutes, and Special Programs (1-3)
Consult the semester class schedule for the current offering under this number. The specific title and credit authorized will appear on the student transcript.

Business Administration: Finance Emphasis

After studying in the School's core courses about the various functions in organizations, the student who concentrates in finance learns how to acquire, allocate, and control a firm's financial resources efficiently.

A background in finance will prepare the student to: (1) conduct detailed financial analyses; (2) relate the financial environment of an organization to the policies that organization will need for optimum returns; and (3) select and analyze investment opportunities for both individuals and organizations. For those students desiring to pursue careers as analysts or consultants, a graduate degree is recommended.

Business Administration: Finance Emphasis

Bachelor's Degree (BS or BA)

Program Prerequisites: Most business and economics courses with numbers above 3000 require prior completion of ACTG 2010, ECON SS2010, ECON SS2020, IST 2010, and QUAN SI2600 (unless noted). These prerequisites are referred to collectively as “Business Foundations.” (Refer to the John B. Goddard School of Business & Economics Requirements on pages 164-167.)

Minor: Not required.

Grade Requirements: Candidates for the bachelor of arts and bachelor of science degrees must complete all prerequisite and required business and economics courses with a grade of “C-” or higher. In addition, the cumulative Business Foundations GPA, the overall business and economics GPA, and the overall university GPA must be 2.5 or higher.

Credit Hour Requirements: A total of 120 credit hours is required for graduation – 60-61 of these are School requirements, 30 are required within the major, and the balance should be taken outside of the major. The required 40 upper-division credit hours (courses numbered 3000 and above) are included in the School and major requirements.

Academic Advisement

Advisement is strongly encouraged for all GSBE majors and minors. See more information on available advising resources on page 166.

Admission Requirements

Acceptance to the John B. Goddard School of Business & Economics is required for all business majors, minors, and certificates. Students may obtain an application for admissions from the GSBE Advising Center, WB 211, (801) 626-6534 and/or the Department of Business Administration, WB 216, (801) 626-6075.

General Education

Refer to pages 38-43 for either Bachelor of Science or Bachelor of Arts requirements. The following courses required for the Finance Emphasis also will satisfy general education requirements: ENGL EN1010, ENGL EN2010 (English Composition); MATH QL1050 (Quantitative Literacy); ECON SS2010 or ECON SS2020 (Social Science); and BTNY LS1403 (Life Science).
FIN 3010. Personal Finance (3) Su, F, S
Personal and family budgeting, installment buying, borrowing money, buying a home, life and property insurance, personal investment, and retirement and estate planning.

FIN 3200. Financial Management (3) Su, F, S
Financial analysis, planning and control, working capital management, capital budgeting, and short-term and long-term financing. Student use of computers is required for the preparation of case study material used to enhance the presentation of selected topics presented in the course. Prerequisites: Business Foundations; QUAN SI3610.

FIN 3300. Investments (3) F, S
An in-depth study of principles, concepts, and tools used in the investment field as they relate to investment opportunities, mechanics, financial statement analysis, risk, and portfolio management. Computer use is required to access the Dow-Jones market analyzer investment software and in the preparation and analysis of investment portfolios. Prerequisites: Business Foundations; FIN 3200.

FIN 3350. Financial Institutions (3) F
A study of the functions and significance of the major financial institutions, such as commercial savings institutions, with an emphasis on management problems, regulations, credit appraisal, and loan types. Prerequisites: Business Foundations; FIN 3200.

FIN 3400. Real Estate Principles and Practices (3) F, S
Fundamental economic aspects of real estate with emphasis on realty as a commodity of trade. The subject matter in this course of general interest to those desiring to enter the real estate profession and those who only intend to own real estate.

FIN 3500. Capital Budgeting (3) S
Capital investment decision-making procedures relative to make/buy, lease/buy, working capital, replacements, and new investment decisions. Involves use of the computer in the analysis of cash flows and capital acquisition alternatives. Prerequisite: Business Foundations; FIN 3200.

FIN 4400. Financial Problems - Corporate Finance (3) F, S
Problems in financial management with an emphasis on corporate finance. Use of financial software and computers is an integral part of problem solutions. Prerequisites: Business Foundations; FIN 3200.

FIN 4410. Financial Problems - Investments (3) S
Problems in financial management with an emphasis on investments. Use of financial software and computers is an integral part of problem solutions. Prerequisites: Business Foundations; FIN 3300.

FIN 4800. Independent Research (1-3) Su, F, S
Directed research and study on an individual basis. May be repeated until a total of 4 hours credit is accumulated. Prerequisites: Business Foundations; Senior Standing; Written Instructor Approval.

FIN 4860. Finance Internship (3) Su, F, S
A structured professional-level field experience. The student will be counseled and supervised as he/she applies and integrates the knowledge and skills obtained through finance courses. Prerequisites: Business Foundations; Senior Standing; Instructor approval.

FIN 4900. Special Topics in Finance (4)
Special treatment of current topics in Finance. This course will involve primary and/or secondary research by class participants. Prerequisites: Business Foundations; FIN 3200; Instructor approval.

FINANCE COURSES - FIN

BUSINESS ADMINISTRATION MANAGEMENT EMPHASIS

The student who concentrates in management prepares to apply the knowledge and skills needed to design and maintain a positive motivational work environment. Such an environment aligns the goals of the organization with those of individuals within the organization for the purpose of increasing organizational efficiency and effectiveness.

In addition to the John B. Goddard School of Business & Economics core requirements, the management student studies human resource management, organizational behavior, continuous improvement, effective communication, and information technology. Management students will choose specialty tracks with the approval of their advisor and the management area faculty advisory council.

Management students who choose the human resource management track usually are intending a career in human resource management. These students will have some courses dealing with general management as described for the Management Emphasis but will also take courses in such specialized areas as employment and labor law and compensation and benefits.

BUSINESS ADMINISTRATION: MANAGEMENT EMPHASIS

BACHELOR'S DEGREE (BS OR BA)

- Program Prerequisites: Most business and economics courses with numbers above 3000 require prior completion of ACTG 2010, ECON SS2010, ECON SS2020, IST 2010, and QUAN SI2600.
(unless noted). These prerequisites are referred to collectively as “Business Foundations.” (Refer to the John B. Goddard School of Business & Economics Requirements on pages 164-167.)

- **Minor:** Not required.
- **Grade Requirements:** Candidates for the bachelor of arts and bachelor of science degrees must complete all prerequisite and required business and economics courses with a grade of “C-” or higher. In addition, the cumulative Business Foundations GPA, the overall business and economics GPA, and the overall university GPA must be 2.5 or higher.

- **Credit Hour Requirements:** A total of 120 credit hours is required for graduation – 60-61 of these are School requirements, 30 are required within the major, and the balance should be taken outside of the major. The required 40 upper-division credit hours (courses numbered 3000 and above) are included in the School and major requirements.

**Advisement**
Advisement is strongly encouraged for all GSBE majors and minors. See more information on available advising resources on page 166.

**Admission Requirements**
Acceptance to the John B. Goddard School of Business & Economics is required for all business majors, minors, and certificates. Students may obtain an application for admissions from the GSBE Advising Center, WB 211, (801) 626-6534 and/or the Department of Business Administration, WB 216, (801) 626-6075.

**General Education**
Refer to pages 38-43 for either Bachelor of Science or Bachelor of Arts requirements. The following courses are required for the Management Emphasis and will satisfy general education requirements: ENGL EN10101, ENGL EN20101 (English Composition); MATH QL1050 (Quantitative Literacy); ECON SS20101 or ECON SS20201 (Social Science); and BTNY LS1403 (Life Science).

**Course Requirements for BS or BA Degree**

- **Management Emphasis**
  - **John B. Goddard School of Business & Economics Requirements**
    - Liberal Support Curriculum (13 or 14)
    - Business Foundations (13)
    - Business Cross-Functional Core (19)
    - Business Functional Core (15)
  - **Major Courses Required (21 credit hours)**
    - IST 3110 Information Technology for Business (3)
    - SCM SI3500 Computer Models/Applications (3)
    - SCM 4100 Quality Management (3)
    - MGMT 3200 Managerial Communication (3)
    - MGMT 3300 Human Resource Management (3)
    - MGMT 4300 Influence and Group Effectiveness (3)
    - MGMT 4400 Advanced Organizational Behavior (3)
  - **Major Electives (9 credit hours)**
    - BSAD SI3500 Introduction to Business Research (3)
    - BSAD 3600 [World Region] Business and Society (3)
    - BSAD 4210 Survey of Business Law (3)
    - BSAD 4500 Entrepreneurship (3)
    - FIN 3400 Real Estate Principles & Practices (3)
    - FIN 3500 Capital Budgeting (3)
    - SCM SI4600 Simulation (3)
    - MGMT 3350 Employment & Labor Law (3)
    - MGMT 4310 Compensation & Benefits (3)
    - MGMT 4350 Training (3)
    - MGMT 4650 Negotiations (3)
    - MGMT 4860 Management Internship (3)
    - or BSAD 4680 Senior Consulting Project (3)

- **Minor:**
  - MKTG 3200 Selling & Sales Management (3)
  - MKTG 3450 Promotion Management (3)
  - MKTG 3500 Retail Management (3)
  - MKTG 4400 Marketing Strategy (3)

In unusual circumstances that must be approved formally by the Management Faculty Advisement Council, substitutions for elective courses will be allowed to customize the degree requirements. These substitutions will only be made when the resulting program is still clearly a management program and does not diminish the quality of the management program.

**BUSINESS ADMINISTRATION:**

**HUMAN RESOURCE MANAGEMENT TRACK**

- **Bachelor’s Degree (BS or BA)**

Refer to the preceding prerequisite, minor, grade, credit hour, advisement, admission and general education requirements listed under the Management Emphasis.

**Course Requirements for BS or BA Degree**

- **Human Resource Management Track**
  - **John B. Goddard School of Business & Economics Requirements**
    - Liberal Support Curriculum (13 or 14)
    - Business Foundations (13)
    - Business Cross-Functional Core (19)
    - Business Functional Core (15)
  - **Major Courses Required (21 credit hours)**
    - IST 3110 Info Technology for Business (3)
    - MGMT 3200 Managerial Communication (3)
    - MGMT 3300 Human Resource Management (3)
    - MGMT 3350 Employment & Labor Law (3)
    - MGMT 4300 Influence & Group Effectiveness (3)
    - MGMT 4310 Compensation & Benefits (3)
    - MGMT 4400 Advanced Organizational Behavior (3)
  - **Major Electives (9 credit hours)**
    - BSAD SI3500 Intro to Business Research (3)
    - BSAD 3600 [World Region] Business & Society (3)
    - BSAD 4210 Survey of Business Law (3)
    - BSAD 4500 Entrepreneurship (3)
    - ECON 3400 Labor Economics (3)
    - SCM SI3500 Computer Models/Applications (3)
    - SCM 4100 Quality Management (3)
    - MGMT 4350 Training (3)
    - MGMT 4650 Negotiations (3)
    - MGMT 4865 Human Resource Management Internship (3)
    - or BSAD 4680 Senior Consulting Project (3)

**MANAGEMENT COURSES - MGMT**

- **MGMT 2400. Project Management (3)**
  - Strategies and techniques for managing a project from inception to completion to meet all schedule, cost, and technical objectives. Knowledge and skills learned in this course prepare students to perform successfully the role of a project manager in any construction, engineering, health, information technology, business, or research and development project, although emphasis will be on project management within the Department of Defense. Topics include organizational structures, project planning and evaluation, cost estimating, quantitative methods in schedule and cost management, project information systems, communication skills, and conflict resolution.

- **MGMT 3010. Organizational Behavior and Management (3) Su, F, S**
  - Focus of the course is on individual and group behavior in an organizational setting and on decision processes. Examples of topics
MGMT 3200. Managerial Communications (3) F, S
Study of corporate communication methods to improve communication in organizations. Written and oral reports tailored to achieve strategic goals contingent upon business situations. Prerequisite: ENGL EN1010, ENGL EN2010.

MGMT 3300. Human Resource Management (3) F, S
Study of principles and methods in managing specific aspects of human resources, either as an operating manager or as a human resource specialist. Topics include: legal constraints in managing human resources, strategic planning of human resources, recruitment, selection, orientation, performance evaluation, employee/human relations and communication programs, safety and health, and work scheduling. The computer will be used for analysis in certain areas studied. Prerequisites: Business Foundations; MGMT 3010.

MGMT 3350. Employment and Labor Law (3) F
This course will focus on legal and ethical issues most closely associated with Human Resource Management. Title VII of the Civil Rights Act of 1964, ADEA, and ADA form the heart of this course. Other topics include FLSA, OSHA, ERIA, sexual harassment, drug testing and privacy. Labor law issues include preventing unionization, and dealing effectively with a union. Prerequisites: Business Foundations; MGMT 3300.

MGMT 3400. International Business (3) Su, F
An exploration of the role of multi-national corporations in worldwide economic development and an analysis of the management processes of such corporations. Prerequisites: Business Foundations.

MGMT 3550. The Cultural Environment of International Business (3)
This course considers issues in communication, negotiation and culture in international business relations. Topics include the role of language and nonverbal communication, contrasting cultural values and using sources of information on the culture of international business. Prerequisites: Business Foundations.

MGMT 3450. Business Studies Abroad - International Management (3)
An exploration of the internationalization of economies and the analysis of international decision-making. Focus is internationalization consolidation as the central challenge for management. This course is taught at Fachhochschule Hof, Germany during each fall semester. Students enrolled in this course have to participate in the Study Abroad Program (Contact: Doris Geide-Stevenson, ext. 7634, DGSTEVEN@Weber.edu). Prerequisites: Business Foundations; MGMT 3010.

MGMT 4300. Influence and Group Effectiveness (3) F, S
This course is about getting things done through the use of influence. The course emphasizes influencing others and influencing a situation. Power and other forms of influence are studied in-depth. Topics also include an examination of group behavior in work setting and the management of work groups. All stages of group development are studied from the forming stage of a group to its development as a high performance, self managed team. Prerequisites: MGMT 3010.

MGMT 4310. Compensation and Benefits (3) S
This course is intended to provide the student with a basic working knowledge of compensation and benefits as an important part of the broader Human Resources field. The topics to be covered include: benefits management, job analysis, job evaluation, performance appraisal and recognition, and different approaches to employee compensation. The course is also designed to assist the student in their preparation for professional certification examinations in related areas. Prerequisites: Business Foundations; MGMT 3300.

MGMT 4320. Staffing Organizations (3)
Designed to provide students with the knowledge and skills necessary to effectively analyze and project organizational staffing requirements, recruit and select candidates, and effectively place employees in today's complex organizations. Includes treatment of legal aspects of staffing process. Prerequisites: Business Foundations; MGMT 3300.

MGMT 4350. Training (3)
This course is designed to provide prospective human resource managers with an understanding of the applicable theory and with the "tools" required to effectively manage the training function within an organization. Prerequisites: Business Foundations, MGMT 3300.

MGMT 4400. Advanced Organizational Behavior (3) F, S
An in-depth study of leadership and organizational behavior. Focus is on the structural and behavioral variables that are most significant for organizational effectiveness. Both theory and application are emphasized. Prerequisites: MGMT 3010.

MGMT 4500. Negotiations (3) F, S
This course provides an opportunity for management students to obtain an understanding of negotiation concepts and to develop management negotiation skills. Because the objective is skill building, the course emphasizes hands-on experience through negotiation simulations. These role playing exercises are designed to simulate the situations and issues commonly faced in management/organizational settings (e.g., labor negotiations, contract provisions, vendor arrangements). Prerequisites: Business Foundations, MGMT 3300.

MGMT 4800. Independent Research (1-3) Su, F, S
Directed research and study on an individual basis. May be repeated until a total of 4 hours credit is accumulated. Prerequisites: Business Foundations; Senior Standing; Written Instructor Approval.

MGMT 4860. Management Internship (3) Su, F, S
A structured professional-level field experience. The student will be counseled and supervised as he/she applies and integrates the knowledge and skills obtained through the Management program courses. Students receiving credit in this course cannot also receive credit in MGMT 4865. Prerequisites: Business Foundations; Senior Standing; Instructor approval.

MGMT 4865. Human Resource Internship (3) Su, F, S
A structured professional-level field experience. The student will be counseled and supervised as he/she applies and integrates the knowledge and skills obtained through the Human Resource Management program. Students receiving credit in this course cannot receive credit for MGMT 4860. Prerequisites: Business Foundations; Senior Standing; Instructor approval.

BUSINESS ADMINISTRATION MARKETING EMPHASIS

This is the only business marketing program on WSU's campus. Students concentrating in marketing specialize in course work that deals with business activities involved in getting the right goods and services to the right customers at the right time, the right place, and in the right way.

Courses provide students with vital marketing concepts and experience in applying them. These courses prepare students to assume responsible positions in industry. Those desiring careers in marketing research or higher levels of corporate management are well prepared to enter graduate programs of their choice.
BUSINESS ADMINISTRATION:
MARKETING EMPHASIS
BACHELOR'S DEGREE (BS OR BA)

Program Prerequisites: Most business and economics courses with numbers above 3000 require prior completion of ACTG 2010, ECON SS2010, ECON SS2020, IST 2010, and QUAN SI2600 (unless noted). These prerequisites are referred to collectively as “Business Foundations.” (Refer to the John B. Goddard School of Business & Economics Requirements on pages 164-167.)

Minor: Not required.

Grade Requirements: Candidates for the bachelor of arts and bachelor of science degrees must complete all prerequisite and required business and economics courses with a grade of “C-” or higher. In addition, the cumulative Business Foundations GPA, the overall business and economics GPA, and the overall university GPA must be 2.5 or higher.

Credit Hour Requirements: A total of 120 credit hours is required for graduation – 60-61 of these are School requirements, 30 are required within the major, and the balance should be taken outside of the major. The required 40 upper-division credit hours (courses numbered 3000 and above) are included in the School and major requirements.

Academic Advisement
Advisement is strongly encouraged for all GSBE majors and minors. See more information on available advising resources on page 166.

Admission Requirements
Acceptance to the John B. Goddard School of Business & Economics is required for all business majors, minors, and certificares. Students may obtain an application for admissions from the GSBE Advising Center, WB 211, (801) 626-6534 and/or the Department of Business Administration, WB 216, (801) 626-6075.

General Education
Refer to pages 38-43 for either Bachelor of Science or Bachelor of Arts requirements. The following courses required for the Marketing Emphasis also will satisfy general education requirements: ENGL EN1010, ENGL EN2010 (English Composition); MATH QL1050 (Quantitative Literacy); ECON SS2010 or ECON SS2020 (Social Science); and BTNY LS1403 (Life Science).

Course Requirements for BS or BA Degree
John B. Goddard School of Business & Economics Requirements
Liberal Support Curriculum (13 or 14)
Business Foundations (13)
Business Cross-Functional Core (19)
Business Functional Core (15)

Major Courses Required (21 credit hours)
IST 3110    Info Technology for Business (3)
MGMT 3200    Managerial Communication (3)
MKTG 3100    Consumer Behavior (3)
MKTG 3200    Selling & Sales Management (3)
BSAD SI3500    Intro to Business Research (3)
MKTG 3450    Promotion Management (3)
MKTG 4400    Marketing Strategy (3)

Elective Courses (9 credit hours)
BSAD 3600    [World Region] Business & Society (3)
BSAD 4210    Survey of Business Law (3)
BSAD 4500    Entrepreneurship (3)
FIN 3400    Real Estate Principles & Practices (3)
SCM 3720    Transportation and Global Supply Chain Management (3)
SCM 4100    Quality Management (3)
SCM SI4410    Materials & Inventory Management (3)
SCM 4730    Purchasing and Supply Management (3)
MKTG 3500    Retail Management (3)
MKTG 3600    International Marketing (3)
MKTG 4200    Internet Marketing (3)
MKTG 4860    Marketing Internship (3)
or BSAD 4680    Senior Consulting Project (3)
COMM 3850    Advertising (3)

MARKETING COURSES - MKTG

MKTG 3010. Marketing Concepts and Practices (3) Su, F, S
This course includes planning, implementation, and control of the marketing process; consumer behavior; marketing research; segmentation and target marketing; and consideration of price, place, and promotion.

MKTG 3100. Consumer Behavior (3) Su, F, S
The application of psychological, sociological, and anthropological findings to the purchase and consumption of goods and services by ultimate and industrial consumers. Prerequisite or concurrent enrollment: Prerequisite: MKTG 3010.

MKTG 3200. Selling and Sales Management (3) F, S
Theory, methods, and techniques of personal selling in professional settings including analysis of buyer behavior, the delivery of customer satisfaction, and integration of personal selling with other marketing communication tools. Sales management includes managing the sales force, salesperson selection, deployment, compensation, training, field supervision and industrial marketing management. Prerequisite: MKTG 3010.

MKTG 3450. Promotion Management (3) F, S
Strategic development of advertising, sales, sales management, public relations, and sales promotion programs. Prerequisites: Business Foundations, MKTG 3010. Prerequisite or concurrent enrollment: MKTG 3100.

MKTG 3500. Retail Management (3)
Consideration of issues concerning the establishment and management of retail institutions. Prerequisites: Business Foundations; MKTG 3010.

MKTG 3600. International Marketing (3) S
In this course students will learn the problems and procedures of marketing in foreign countries, including effects of foreign cultures and marketing systems on the design of marketing programs. Prerequisites: Business Foundations; MKTG 3010.

MKTG 3700. Business Studies Abroad - International Marketing (3)
Basic principles of international marketing. Fundamentals of international market research including macro and micro-level analysis. Discusses international marketing as part of a global strategy. This course is taught at Fachhochschule Hof, Germany during each fall semester. Students enrolled in this course have to participate in the Study Abroad Program (Contact: Doris Geide-Stevenson, ext. 7634, DGSTEVEN@Weber.edu). Prerequisite: Business Foundations, MKTG 3010.

MKTG 4200. Internet Marketing (3)
This course is an elective course for Information Systems & Technology and Marketing majors. The course deals with the steps used in developing a marketing plan, orienting the plan to developing an Internet presence, and developing a World-Wide Web site to implement the on-line components of the plan. Prerequisites: Business Foundations, IST 3110, MKTG 3010. 
MKTG 4400. Marketing Strategy (3) F, S
This course centers on gaining and sustaining competitive advantages. It entails analyzing customers, competitors, and internal capabilities; then making appropriate product, pricing, promotion, and distribution decisions. Prerequisites: Business Foundations; ACTG 2020; MGMT 3200; MKTG 3010.

MKTG 4800. Independent Research (1-3) Su, F, S
Directed research and study on an individual basis. May be repeated until a total of 4 hours credit is accumulated. Prerequisites: Business Foundations; Senior Standing; Written Instructor Approval.

MKTG 4860. Marketing Internship (3) Su, F, S
A structured professional-level field experience. The student will be counseled and supervised as he/she applies and integrates the knowledge and skills obtained through the Marketing courses. Prerequisites: Business Foundations; Senior Standing; Instructor approval.

**Business Administration**

**Supply Chain Management Emphasis**

Business supply chain management as an area of emphasis allows students to focus their education on the “supply chain” of purchasing, producing, moving, and marketing goods and services on a global basis.

The supply chain management major learns how to plan and manage a firm’s production processes as well as the logistics of selecting suppliers, moving materials into a firm, and distributing finished product to customers. The discipline involves industrial purchasing, inventory management, production planning and control, quality management, transportation, and distribution management.

The growing recognition by industry of the value of more effective and efficient management of the supply chain has intensified demand for persons with formal education in this area. Weber State has enjoyed considerable success in placing supply chain management graduates in a wide variety of employment opportunities with demand for persons with formal education in this area. Weber State has enjoyed considerable success in placing supply chain management graduates in a variety of employment opportunities with

MKTG 4400. Marketing Strategy (3) F, S
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MKTG 4800. Independent Research (1-3) Su, F, S
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MKTG 4860. Marketing Internship (3) Su, F, S
A structured professional-level field experience. The student will be counseled and supervised as he/she applies and integrates the knowledge and skills obtained through the Marketing courses. Prerequisites: Business Foundations; Senior Standing; Instructor approval.

**Business Administration**

**Supply Chain Management Emphasis**

**Bachelor’s Degree (BS or BA)**

- **Program Prerequisites:** Most business and economics courses with numbers above 3000 require prior completion of ACTG 2010, ECON SS2010, ECON SS2020, IST 2010, and QUAN SI2600 (unless noted). These prerequisites are referred to collectively as “Business Foundations.” (Refer to the John B. Goddard School of Business & Economics Requirements on pages 164-167.)
- **Minor:** Not required.
- **Grade Requirements:** Candidates for the bachelor of arts and bachelor of science degrees must complete all prerequisite and required business and economics courses with a grade of “C-” or higher. In addition, the cumulative Business Foundations GPA, the overall business and economics GPA, and the overall university GPA must be 2.5 or higher.
- **Credit Hour Requirements:** A total of 120 credit hours is required for graduation – 60-61 of these are School requirements, 30 are required within the major, and the balance should be taken outside of the major. The required 40 upper-division credit hours (courses numbered 3000 and above) are included in the School and major requirements.

**Academic Advisement**

Advisement is strongly encouraged for all GSBE majors and minors. See more information on available advising resources on page 166.

**Admission Requirements**

Acceptance to the John B. Goddard School of Business & Economics is required for all business majors, minors, and certificates. Students may obtain an application for admissions from the GSBE Advising Center, WB 211, (801) 626-6534 and/or the Department of Business Administration, WB 216, (801) 626-6075.

**General Education**

Refer to pages 38-43 for either Bachelor of Science or Bachelor of Arts requirements. The following courses required for the Supply Chain Management Emphasis also will satisfy general education requirements: ENGL EN1010, ENGL EN2010 (English Composition); MATH QL1050 (Quantitative Literacy); ECON SS2010 or ECON SS2020 (Social Science); and BTNY LS1403 (Life Science).

**Course Requirements for BS or BA Degree**

**John B. Goddard School of Business & Economics Requirements**

**Liberal Support Curriculum (Curriculum (13 or 14)**

- **Business Foundations (13)**
- **Business Cross-Functional Core (19)**
- **Business Functional Core (15)**

**Business Courses Required (27 credit hours)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>IST 3110</td>
<td>Info Technology for Business (3)</td>
</tr>
<tr>
<td>MGMT 3200</td>
<td>Managerial Communications (3)</td>
</tr>
<tr>
<td>SCM SI3500</td>
<td>Computer Models/Applications (3)</td>
</tr>
<tr>
<td>SCM 3720</td>
<td>Transportation and Global Supply Chain Management (3)</td>
</tr>
<tr>
<td>SCM 4050</td>
<td>Contemporary Supply Chain Management Practices (3)</td>
</tr>
<tr>
<td>SCM 4100</td>
<td>Quality Management (3)</td>
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<tr>
<td>SCM SH4410</td>
<td>Materials &amp; Inventory Management (3)</td>
</tr>
<tr>
<td>SCM SH4600</td>
<td>Simulation (3)</td>
</tr>
<tr>
<td>SCM 4730</td>
<td>Purchasing and Supply Management (3)</td>
</tr>
</tbody>
</table>

**Elective Courses (3 credit hours)**

Select at least one course from the following (see an advisor for guidance in course selection)

- ACTG 3300 Cost Accounting (3)
- BSAD SI3500 Introduction to Business Research (3)
- BSAD 3600 [World Region] Business & Society (3)
- BSAD 4210 Survey of Business Law (3)
- BSAD 4500 Entrepreneurship (3)
- FIN 3500 Capital Budgeting (3)
- SCM 4860 Supply Chain Management Internship (3)
- or BSAD 4680 Senior Consulting Project (3)
- MGMT 3300 Human Resource Management (3)
- MGMT 4300 Influence and Group Effectiveness (3)
- MGMT 4650 Negotiations (3)
- MKTG 4400 Marketing Strategy (3)

**SUPPLY CHAIN MANAGEMENT COURSES - SCM**

SCM 3050. Operations and Logistics Management (3) F, S
This course considers the management of an organization’s chain of value adding activities, from procurement of resources and transformation into manufactured goods and service outputs, through
distribution to customers. Topics include operations strategy, quality, product and service design, process selection and layout, capacity, production scheduling, inventory, location, supply chain management, procurement, transportation, and other related issues and models. Prerequisites: Business Foundations.

SCM 3720. Transportation and Global Supply Chain Management (3) F
Examination of transportation principles, practices, and modes; governmental and infrastructure issues; role of intermediaries; and shipper, carrier, and intermodal strategies that facilitate efficient global commerce. Prerequisites: Business Foundations; SCM 3050.

SCM 313500. Computer Models/Applications (3) F, S
This course concentrates on the use of computer software to aid in the solution and interpretation of operations management and logistics models. Emphasis is placed on problem identification, problem setup, computer solution, and interpretations of solution results. A significant portion of the course deals with sensitivity analysis which involves using different scenarios of inputs to see how sensitive the model solution is to variation. Prerequisites: Business Foundations; QUAN SI3610; SCM 3050.

SCM 4050. Contemporary Supply Chain Management Practices (3) S
This course incorporates readings, site visits, and case analysis to convey state-of-the-art and emerging operations management and logistics practices. Development of leading-edge strategies which promote a firm’s ability to differentiate itself in terms of its operations and logistics performance is emphasized. Field trips required. Prerequisites: Business Foundations; SCM 3050.

SCM 4100. Quality Management and Productivity (3) F, S
A survey of quality management principles and practices whereby manufacturing and service organizations achieve customer satisfaction and design, process management and improvement, problem-solving tools, variation and statistical thinking, statistical process control, and quality management systems. Prerequisites: Business Foundations; QUAN SI3610; SCM 3050; or Instructor Permission.

SCM 41410. Materials and Inventory Management (3) S
This course emphasizes materials requirements planning and the logistics processes which support production. Topics include MRP, MRPII, JIT, and classical inventory models. Prerequisites: Business Foundations; QUAN SI3610, SCM 3050.

SCM 4160. Simulation (3) F
This course explores simulation modeling beginning with the basics of simulating a discrete distribution to construction of simulation models using spreadsheets to the use of complex production and logistical simulation models. Emphasis is placed on problem recognition, problem set-up, simulation model construction, and application and interpretation results. Prerequisites: Business Foundations; SCM 3050.

SCM 4730. Purchasing and Supply Management (3) F
Strategic and procedural issues in the acquisition of materials, equipment, and services by industry. Emphasis is on the integration of the purchasing function into corporate strategy and the value-added contributions of a progressive supply function. Topics include procurement policies, supplier selection, B2B marketplaces, cost analysis and pricing, contract types, negotiation, and supplier management. Prerequisites: Business Foundations, SCM 3050, or instructor permission.

SCM 4800. Independent Research (1-3) Su, F, S
Directed research and study on an individual basis. May be repeated until a total of 4 hours credit is accumulated. Prerequisites: Business Foundations; Senior Standing; Written Instructor Approval.

SCM 4860. Supply Chain Management Internship (3) Su, F, S
A structured professional-level field experience. The student will be counseled and supervised as he/she applies and integrates the knowledge and skills obtained through operations management and logistics courses. Prerequisites: Business Foundations; Senior Standing; Instructor approval.

The Department of Economics offers two different degree programs. The career field selected will determine the educational goals a student must set and will be an important element in deciding which of the many avenues towards a bachelor’s degree available in economics is best suited for you. Economics provides general analysis of decision making where resource constraints are present. Within the area of business, the fields of economics and finance are perhaps the most rigorous in terms of the use and application of mathematical and statistical reasoning. Students with a bachelor’s degree in Business Economics are generally prepared to take entry level jobs in any area of business, but are particularly prepared for jobs that call for data analysis, pricing, purchasing, and report writing. Business economists are often employed in private business firms in the financial, retailing, and industrial sectors. A complete career guide is available from the department chairperson. A degree in Business Economics is also regarded by graduate business schools as excellent preparation for advanced work toward an MBA, as well as advanced degrees in other business related disciplines such as human resource management, public administration, finance, and international business. Students seeking an advanced degree in economics, law, other social and behavioral sciences, urban and regional planning, actuarial science, etc., should also investigate the General Economics Major.

Center for Economic Education
The Department has established a Center for Economic Education. Its basic function is to help educators in secondary and elementary schools improve their understanding and knowledge of economics. This will assist them in providing their students with the fundamental economic tools needed to evaluate complex national and international events that are a part of their daily existence.

Business Economics Major

- Program Prerequisites: Most business and economics courses with numbers above 3000 require prior completion of ACTG 2010, ECON SS2010, ECON SS2020, IST 1010 and QUAN SI2600 (unless noted). These prerequisites are referred to collectively as “Business Foundations.” (Refer to the John B. Goddard School of Business & Economics Requirements on pages 164-167.)
- **Minor**: None required.
- **Grade Requirements**: Candidates for the bachelor of arts and bachelor of science degrees must complete all prerequisite and required business and economics courses with a grade of “C-” or higher. In addition, the cumulative Business Foundations GPA, the overall business and economics GPA, and the overall university GPA must be 2.5 or higher.
- **Credit Hour Requirements**: A total of 120 credit hours is required for graduation – 60-61 of these are John B. Goddard School of Business & Economics required courses and 24 are required within the major.

**Advisement**

Advisement is strongly encouraged for all GSBE majors and minors. See more information on available advising resources on page 166.

**Admission Requirements**

Acceptance to the John B. Goddard School of Business & Economics is required for all business majors, minors, and certificates. Students may obtain an application for admissions from the GSBE Advising Center, Wb 211, (801) 626-6534 and/or the Department of Economics, Wb 226, (801) 626-6066.

**General Education**

Refer to pages 38-43 for either Bachelor of Science or Bachelor of Arts requirements. ECON AI1740 is recommended to fulfill the Senate Bill Requirement in American Institutions.

**Course Requirements for BS or BA Degree**

**John B. Goddard School of Business & Economics Requirements**

- Liberal Support Curriculum (13 or 14)
- Business Foundations (13)
- Business Cross-Functional Core (19)
- Business Functional Core (15)

**Business Courses Required (12 credit hours)**

- ECON 4010 Intermediate Microeconomic Theory (3)
- ECON 4020 Intermediate Macroeconomic Theory (3)
- ECON 4980 Research Methods (3)
- IST 3110 Information Technology for Business (3)

**Elective Courses (12 credit hours)**

Select from the following:

- ECON 3090 History of Economic Thought (3)
- ECON 3110 International Trade (3)
- ECON 3120 International Finance & Monetary Systems (3)
- ECON 3200 Money and Banking (3)
- ECON 3400 Labor Economics (3)
- ECON 3410 Women in the World Economy (3)
- ECON 4170 Economic Development (3)
- ECON 4320 Industrial Organization (3)
- ECON 4520 Public Finance (3)
- ECON 4550 Introduction to Econometrics (3)
- ECON 4560 Mathematical Economics (3)
- ECON 4800 Independent Research (1-3)
- ECON 4810 Experimental Courses (1-3)
- ECON 4920 Short Courses, Workshops (1-3)

**Suggested Course Sequence**

Please refer to this program in the online catalog (weber.edu/catalog) and/or contact the department for a suggested course sequence.

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**Economics Department Honors**

- **Prerequisite**: Enroll in the General Honors Program and complete at least 9 hours of General Honors courses (see Honors Program on page 45).
- **Grade Requirements**: Maintain an overall GPA of 3.3
- **Credit Hour Requirements**: Fulfill requirements for an Economics Department major, given above for Business Economics and, for General Economics, in the Social & Behavioral Sciences section of the catalog. In fulfilling these requirements, students must take at least 12 hours of economics courses on an Honors basis, 2 hours of which must be completed as a senior project (Honors 4990). The student may receive economics Honors credit in any upper-division or graduate-level economics course. In addition, either ECON 4010 or 4020 ECON must be taken on an Honors basis.
- **Permission from the department chair must be obtained before registering in a course for Honors credit. A written agreement must also be reached with the appropriate professor regarding the work expected for Honors credit.**

**Economics for Non-Business Majors**

**Minor**

- **Grade requirements**: A grade of “C-” or higher in courses used toward the minor.
- **Credit Hour Requirements**: Minimum of 18 credit hours. This minor is for students who major outside of the John B. Goddard School of Business & Economics. Approval of a minor program by the Economics department chair is required.

**Course Requirements for Minor**

**Required Courses (18 credit hours)**

- ECON SS2010 Principles of Microeconomics (3)
- ECON SS2020 Principles of Macroeconomics (3)
- ECON 3030 Managerial Economics (3)
- ECON 4020 Intermediate Macroeconomics (3)
- QUAN SI2600 Business Statistics I (3)
- QUAN SI3610 Business Statistics II (3)
- MATH QL1050 with a grade of “C” or higher (or CR if taken on a CR/NC basis) is a prerequisite for ECON SS2010, QUAN SI2600.

**Economics Teaching Minor**

- **Grade Requirements**: A grade of 2.5 or higher in courses used toward the minor.
- **Credit Hour Requirements**: Minimum of 15 credit hours. Approval of a minor program by the Economics department chair is required. Students who select the Economics Teaching minor must satisfy the Teacher Education admission and certification requirements (see Teacher Education Department). Advisement is required.

**Course Requirements for Minor**

**Required Courses (15 credit hours)**

- ECON SS1010 Principles of Microeconomics (3)
- ECON SS2010 Principles of Microeconomics (3)
- ECON SS2020 Principles of Macroeconomics (3)
- ECON AI1740 Economic History of the U.S. (3)
- ECON 3200 Money & Banking (3)
ECON SS1010. Economics as a Social Science (3) F, S
An introduction to basic economic institutions and principles of economics for non-business and non-economics majors. The primary objective of the course is to provide a framework of economic approaches useful in the analysis of social problems. Topics include poverty, economic systems, crime, pollution, health, discrimination, unemployment, inflation, and the role of government in the economy.

ECON SS1100. Environmental Issues and Economic Policy (3) F, S
An analysis of policies which affect environmental resources. Emphasis on economic analysis of renewable and nonrenewable resources and public policy. Applications include land use, such as forests and wilderness areas, and pollution control, such as hazardous waste and air/water quality. This course encourages students to study the management of local natural resources.

ECON AI1740. Economic History of the United States (3) F, S
A critical study of the growth and development of American Society and its institutions.

ECON SS2010. Principles of Microeconomics (3) F, S
The application of economic concepts to the analysis of scarcity of individual, firm, and organizational behavior. Topic coverage includes the theories of how consumers and firms make choices, and how various rules guide their respective decisions. The course also explores the theory of market structures, such as perfect and imperfect competition, as well as monopoly. Prerequisites: MATH QL1050 with a "C" or higher grade (or CR if taken on a CR/NC basis).

ECON SS2020. Principles of Macroeconomics (3) F, S
The application of economic concepts to the analysis of national income and employment, economic fluctuations, inflation, fiscal and monetary policies, economic growth, and the global economy. This course analyzes various economic policies, and how they affect economic fluctuations and foster economic growth. Prerequisites: MATH QL1050 with a "C" or higher grade (or CR if taken on a CR/NC basis), ECON SS2010.

ECON 2920. Short Courses, Workshops, Institutes, and Special Programs (1-3)
Consult the semester class schedule for the current offering under this number. The specific title and credit authorized will appear on the student transcript.

See John B. Goddard School of Business & Economics Registration Restrictions before registering for courses numbered 3000 and above.

ECON 3030. Managerial Economics (3) F, S
This course uses the tools of differential calculus and regression theory to analyze the managerial decisions of individual firms. Prerequisites: MATH QL1050, QUAN SI2600, QUAN SI3610.

ECON 3090. History of Economic Thought (3) S
This course covers the major concepts and contributions of the scholars of the past in economic doctrine and interpretations. Prerequisites: ECON SS2010, SS2020.

ECON 3110. International Trade (3) F, S
An introduction to the pure theory of trade, international trade agreements and negotiations (e.g., GATT, EU and NAFTA) and the institutions designed to encourage trade. Emphasis on the benefits of free trade as well as the reasons for the existence of trade barriers such as tariffs and quotas. Special topics include trade in agricultural products and international labor migration. Prerequisites: ECON SS2010, SS2020.

ECON 3120. International Finance and Monetary Systems (3) S
Applications of the principle of economics to the international monetary system. Special emphasis on the way in which international monetary institutions can facilitate trade. Macroeconomic models of an open economy are used to examine the effect that international trade and financial ties have on the domestic economy. Special topics include institutions such as the World Bank and the IMF, along with regional monetary unification in Europe. Prerequisites: ECON SS2010, SS2020.

ECON 3150. Business Studies Abroad - International Finance (3)
This course studies the globalization of financial markets and the environment in which international finance takes place, e.g., the international monetary system. With this background, a global financial strategy design for corporations will be discussed. This course is taught at Fachhochschule Hof, Germany during each fall semester. Students enrolled in this course have to participate in the Study Abroad Program (Contact: Doris Geide-Stevenson, ext. 7634, DGSTEVEN@Weber.edu).

ECON 3200. Money and Banking (3) S
This course presents a detailed description and economic analysis of the U.S. financial system which includes the banking industry, bond and stock markets, and the Federal Reserve system. This course serves as an extension to the material covered in an introductory macroeconomics course. The enhanced understanding of the workings of the financial system, including the determination of interest rates, will be used to trace out the channels of monetary policy as conducted by the Federal Reserve and the effect of monetary policy on financial markets, such as the stock market. Prerequisite: ECON SS2020.

ECON 3400. Labor Economics (3) F
The study of labor economics explores choices made by the two sides of the labor market, employers and workers and how these choices interact in determining wage and employment levels. Hence, an important part of the course consists of a detailed analysis of labor demand and supply. This analysis is followed by a discussion of why the labor market often does not clear, i.e., why we observe unemployment. The analysis focuses on special features of the labor market such as minimum wage, labor unions and efficiency wages. Other topics include the effect of education and training on earnings, the optimal incentive structure of an employment contract and determinants of income inequality. Prerequisite: ECON SS2010.

ECON 3410. Women in the World Economy (3)
Applications of the principles of economics to the analysis of the economic status of women in the U.S. and elsewhere. The focus is on labor markets, income differentials, the tax system and household work. Special consideration is given to women in developing economies. Prerequisite: ECON SS2010.

ECON 4010. Intermediate Microeconomic Theory (3) F
The application of economic concepts to individual and firm behavior, consumer behavior, demand analysis, economics of the firm, and price theory. Prerequisites: ECON SS2010, SS2020.

ECON 4020. Intermediate Macroeconomic Theory (3) S
The building of standard models to test theories of long-run economic performance and short-term fluctuations in closed and open economies. Emphasis is placed on how fiscal and monetary policies encourage long-run growth while mitigating the negative effects of...
short-term fluctuations. Prerequisites: ECON SS2010, ECON SS2020, QUAN 2400 or ECON 3030.

ECON 4170. Economic Development (3) F
The application of economic principles to the challenging problems of third world and developing nations including Africa, Asia, Latin America and the newly independent states of the Former Soviet Union and Eastern Europe. Prerequisites: ECON SS2010, SS2020.

ECON 4320. Industrial Organization (3)
The theory and performance of firms and industries in the context of substantial market power and market regulation. Emphasis on oligopoly, game theory, and theory of markets within the context of global market competition. Prerequisites: QUAN SI2400 or ECON 3030, ECON SS2010.

ECON 4520. Public Finance (3)
This course covers the aspects of economic policy that arise in the operations of a public budget. Topics addressed include economic theories of bureaucracy, public expenditures, and taxation. Prerequisites: ECON SS2010, SS2020.

ECON 4550. Introduction to Econometrics (3) F
Advanced Regression Analysis. Topics include ordinary least squares, generalized least squares, nonlinear regression, dummy variables, autocorrelation, heteroskedasticity, and serial correlation. Computers are used extensively. Prerequisites: ECON SS2010, ECON SS2020, QUAN SI2400 or ECON 3030, QUAN SI3610.

ECON 4560. Mathematical Economics (3) S
Advanced application of mathematical modeling techniques to selected economic issues. Prerequisites: ECON 4010, ECON 4020, QUAN SI3610, QUAN SI2400 or ECON 3030.

ECON 4800. Independent Research (1-3) F, S
Individual work or work in small groups, by arrangement, in special topics not included in the announced course offerings. Prerequisites: QUAN SI3610 and approval of instructor.

ECON 4810. Experimental Courses (1-3)
Experimental or one-time courses designed to fill a need in the community or investigate interesting and unusual topics. Prerequisites: ECON SS2010, ECON SS2020.

ECON 4920. Short Courses, Workshops, Institutes, and Special Programs (1-3)
Consult the semester schedule for the current offering under this number. The specific title and credit authorized will appear on the student transcript.

ECON 4980. Research Methods (3)
A course designed for senior economics majors which requires completion of an extensive thesis project. This course will focus on the formulation of hypotheses, review of relevant literature, and either theoretical or empirical analysis. Prerequisites: Senior standing and department approval.

QUAN SI2400. Business Calculus (3) F, S
Emphasis on applications of quantitative tools to problems in business. Topics include profit maximization, cost functions, demand analysis, and output maximization with budget constraints and resource allocation. Prerequisite: MATH QL1050 with a "C" or higher grade (or CR if taken on a CR/NC basis) or equivalent as determined by the Math Department.

QUAN SI2600. Business Statistics I (3) F, S
Introduction to concepts and applications of statistics in business and economics. Topics include summary statistics, probability distributions of random variables, sampling, and estimation. Class will include use of computers. Prerequisite: MATH QL1050 with a "C" or higher grade (or CR if taken on a CR/NC basis) or equivalent as determined by the Math Department.

QUAN SI3610. Business Statistics II (3) F, S
Continuation of QUAN SI2600. Topics include test of hypotheses, correlation, time series, and multiple regression analysis with specific application to problems in business and economics. Computers will be used extensively in regression analysis. Prerequisite: ECON 2010, ACTG 2010, QUAN SI2600, IST 2010.

**DEPARTMENT INFORMATION SYSTEMS & TECHNOLOGIES**

**Chair:** Dr. G. Edward Harris  
**Location:** WSU Davis Campus, Suite 137  
**Telephone Contact:** Genevieve Bates 801-395-3520  
**Professor:** Taowen Le; **Associate Professor:** G. Edward Harris; **Assistant Professor:** Eric Swedin; **Visiting Professors:** Matthew Harris, Zhuolin Yu; **Instructor:** Betty Tucker

A bachelor's degree in Information Systems & Technologies provides students with a broad background in basic business knowledge, problem solving, and computer systems analysis and design skills. Graduates from this major are prepared to help organizations use computer technology to support their business processes. Technologies all IST majors study include software development, computer architecture, database design, web development and management, and networks. Then, depending on the concentration the student chooses, the student will also study advanced software development, and systems analysis and design, or advanced networks, information security and computer forensics.

Information Systems & Technologies graduates may work for a large organization, specializing in one aspect of information technology. Or, they may work for a small firm as one of a few people who help support all areas of the firm's technologies. The job will involve working with people to understand how they do their jobs and where computers can be most effective, as well as implementing computer-based solutions; training people to use the systems; installing and troubleshooting hardware, software and networks; and helping management understand and plan for the best new technologies to integrate in the organization's business processes.

**INFORMATION SYSTEMS & TECHNOLOGIES MAJOR**

**BACHELOR'S DEGREE (BS or BA)**

- **Program Prerequisite:** IST Associate of Science or Arts Degree, or equivalent degree or course work (which may be articulated for the IST Associate) from an accredited AS/AA program. Generally, all business and economics courses with numbers above 3000 require prior completion of ACTG 2010, ECON SS2010, ECON SS2020, IST 2010 and QUAN SI2600 (unless noted). These prerequisites are referred to collectively as 'Business Foundations.' All IST courses numbered above 3000 require Business Foundations except IST 3110. (Refer to the John B. Goddard School of Business & Economics Requirements on pages 164-167.)
- **Minor:** Not required.
- **Grade Requirements:** Candidates for the bachelor of arts and bachelor of science degrees must complete all prerequisite and
required business and economics courses with a grade of "C-" or higher. In addition, the cumulative Business Foundation GPA, the overall business and economics GPA, and the overall university GPA must be 2.5 or higher.

**Credit Hours Requirements**: A total of 120 credit hours is required for graduation – 60-61 of these are School requirements, 33 are required within the major, and the balance should be taken outside of the major. The required 40 upper-division credit hours (courses numbered 3000 and above) are included in the School and major requirements.

**Advisement**
Advisement is strongly encouraged for all GSBE majors and minors. See more information on available advising resources on page 166.

**Admissions Requirements**
Acceptance to the John B. Goddard School of Business & Economics is required for all business majors, minor, and certificate students. Students may obtain an application for admissions from the GSBE Advising Center, WB 211, (801) 626-6534 and/or the Department of Information Systems & Technologies, D2 137, (801) 395-3520.

**General Education**
Refer to pages 38-43 for either Bachelor of Science or Bachelor of Arts requirements. The following courses required for the Information Systems & Technologies major will also satisfy general education requirements: ENGL EN1010 and ENGL EN2010 (Composition); MATH QL1050 (Quantitative Literacy); BTNY LS1403 (Life Science); ECON SS2010 or ECON SS2020 (Social Science); ECON AI1740 is recommended to fulfill the Senate Bill Requirement in Science; ECON SS2010, QUAN SI2400, and QUAN SI2600. Students seeking a major in the John B. Goddard School of Business & Economics should plan to take the necessary mathematics courses as early as possible within the John B. Goddard School of Business & Economics, a prerequisite for ECON SS2010, QUAN SI2400, and QUAN SI2600. Students seeking a major within the John B. Goddard School of Business & Economics should plan to take the necessary mathematics courses as early as possible in their program of study. MATH QL1050 must be completed with a grade of "C" or higher and may not be taken on a credit/no credit basis.

**Course Requirements for BS or BA Degree**

**John B. Goddard School of Business & Economics Requirements**
Liberal Support Curriculum (13 or 14)
Business Foundations (13)
Business Cross-Functional Core (19)
Business Functional Core (15)

**Major Courses Required (27 credit hours)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>IST 2015</td>
<td>Introduction to Information Systems &amp; Technologies (1)</td>
</tr>
<tr>
<td>IST S12110</td>
<td>Software Development I (3)</td>
</tr>
<tr>
<td>IST 2410</td>
<td>Information Systems Architecture (3)</td>
</tr>
<tr>
<td>IST 2720</td>
<td>Data Structures &amp; Algorithms (3)</td>
</tr>
<tr>
<td>IST 3210</td>
<td>Database Design &amp; Implementation (4)</td>
</tr>
<tr>
<td>IST 3610</td>
<td>Networks and Data Communications I (4)</td>
</tr>
<tr>
<td>IST 3700</td>
<td>E-business Technologies &amp; Web Development (3)</td>
</tr>
<tr>
<td>IST 4730</td>
<td>Senior Practicum (3)</td>
</tr>
<tr>
<td>TBE 3250</td>
<td>Business Communications (3)</td>
</tr>
</tbody>
</table>

**Concentration Courses Required (9-12 credit hours)**
Complete one of the following concentrations.

- **System Development Concentration (9 credit hours)**
  - IST 3720 Software Development II (3)
  - IST 3730 Systems Analysis and Design (3)
  - IST 4710 Enterprise Software Development (3)

- **Information Security Concentration (12 credit hours)**
  - CJ 3130 Investigation of Computer Crime (3)
  - IST 3620 Networks and Data Communications II (3)
  - IST 4600 Information Security I (3)
  - IST 4700 Information Security II (3)

For a suggested course sequence, go to: [http://www.weber.edu/IST/Degrees_Courses/coursesequence.html](http://www.weber.edu/IST/Degrees_Courses/coursesequence.html)

**INFORMATION SYSTEMS & TECHNOLOGIES**

In conjunction with the Honors Program, the Information Systems & Technologies Department offers a Departmental Honors curriculum. This is an enriched major program that provides greater scope for intellectual initiative and independent work. It can be particularly beneficial for students contemplating graduate school, by enhancing their credentials and also by exposing them to the type of study normally done at the graduate level.

- **Program Prerequisite**: Enroll in the General Honors Program and complete 9 hours of General Honors courses. One of these courses must be Honors 3900, Honors Colloquium. The Honors Colloquium courses are 3 credit hours and topics vary from semester to semester (see Honors Program on page 45).
- **Grade Requirements**: Maintain an overall GPA of 3.3.
- **Credit Hour Requirements**: Fulfill requirements for an Information Systems & Technologies Department major. In fulfilling these requirements, students must take at least 12 hours of Information Systems & Technologies courses on an Honors basis, 3 hours of which must be completed as a Senior Practicum (IST 4730). The student may receive Information Systems & Technologies Honors credit in any upper-division or graduate-level IST course.*

*Permission from the department chair must be obtained before registering in a course for Honors credit. A written agreement must also be reached with the appropriate professor regarding the work expected for Honors credit.

**INFORMATION SYSTEMS & TECHNOLOGIES**

In conjunction with the Honors Program, the Information Systems & Technologies Department offers a Departmental Honors curriculum. This is an enriched major program that provides greater scope for intellectual initiative and independent work. It can be particularly beneficial for students contemplating graduate school, by enhancing their credentials and also by exposing them to the type of study normally done at the graduate level.

- **Program Prerequisite**: Generally, all business and economics courses with numbers above 3000 require prior completion of ACTG 2010, ECON SS2010, ECON SS2020, IST 2010 and QUAN SI2600 (unless noted). These prerequisites are referred to collectively as "Business Foundations." All IST courses numbered above 3000 require Business Foundations except IST 3110. (Refer to the John B. Goddard School of Business & Economics Requirements on pages 164-167.)
- **Grade Requirements**: Even though a minimum grade of "C-" will be accepted in courses used to satisfy the associate's degree requirements (an overall GPA of 2.5 or higher is required). Finally, a course grade of "C-" or higher is required for all business and economics prerequisite courses.
- **Credit Hour Requirements**: A total of 60 credit hours is required – a minimum of 30 of these is required within the AS program.
Advisement
Advisement is strongly encouraged for all GSBE majors and minors. See more information on available advising resources on page 166.

Admissions Requirements
Acceptance to the John B. Goddard School of Business & Economics is required for all business majors, minor, and certificates. Students must obtain an application for admissions from the GSBE Advising Center, WB 211, (801) 626-6534 and/or the Department of Information Systems & Technologies, D2 137, (801) 395-3520.

General Education
Refer to pages 38-43 for either Bachelor of Science or Bachelor of Arts requirements. The following courses are required for the Information Systems & Technologies major and will also satisfy general education requirements: ENGL EN1010 and ENGL EN2010 (Composition); MATH QL1050 (Quantitative Literacy); BTNY LS1403 (Life Science); ECON SS2010 or ECON SS2020 (Social Science); ECON AI1740 is recommended to fulfill the Senate Bill Requirement in American Institutions. IST SS1100, The Wired Society, is recommended to fulfill a general education requirement in Social Science.

Course Requirements for AS Degree

Course Requirements (30 credit hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>IST 2010</td>
<td>Business Computer Skills (1)</td>
</tr>
<tr>
<td>IST 2105</td>
<td>Introduction to Information Systems &amp; Technologies (1)</td>
</tr>
<tr>
<td>IST SI2110</td>
<td>Software Development I (3)</td>
</tr>
<tr>
<td>IST 2410</td>
<td>Information Systems Architecture (3)</td>
</tr>
<tr>
<td>IST 2720</td>
<td>Data Structures &amp; Algorithms (3)</td>
</tr>
<tr>
<td>IST 3610</td>
<td>Database Design and Implementation (4)</td>
</tr>
<tr>
<td>BTNY LS1403</td>
<td>Environment Appreciation (3)</td>
</tr>
<tr>
<td>ACTG 2010</td>
<td>Survey of Accounting I (3)</td>
</tr>
<tr>
<td>ECON SS2010</td>
<td>Principles of Microeconomics (3)</td>
</tr>
<tr>
<td>ECON SS2020</td>
<td>Principles of Macroeconomics (3)</td>
</tr>
<tr>
<td>QUAN SI2600</td>
<td>Business Statistics I (3)</td>
</tr>
</tbody>
</table>

For a suggested course sequence, go to: http://www.weber.edu/IST/Degrees_Courses/coursesquence.html

Information Systems & Technologies

MINOR

- Grade Requirements: A 2.5 GPA in the minor. A course grade of "C-" or higher is required for all business and economics prerequisite courses.
- Credit Hour Requirements: 20 semester credit hours required.
- Approval of minor program by the Information Systems & Technologies department is required.

Course Prerequisites

Generally, all business and economics students must complete ACTG 2010, ECON SS2010, ECON SS2020, IST 2010 and QUAN SI2600 (unless noted). These prerequisites are referred to collectively as "Business Foundations." All IST courses numbered above 3000 require Business Foundations except IST 3110.

However, for purposes of the non-business minor and the BIS Emphasis, courses numbered 3000 or higher require prior completion of IST Prerequisite Courses and IST department approval.

Advisement
Advisement is strongly encouraged for all GSBE majors and minors. See more information on available advising resources on page 166.

Admissions Requirements

Acceptance to the John B. Goddard School of Business & Economics is required for all business majors, minor, and certificates. Students must obtain an application for admissions from the GSBE Advising Center, WB 211, (801) 626-6534 and/or the Department of Information Systems & Technologies, D2 137, (801) 395-3520.

Course Requirements for Minor

Non-Business Majors (20 credit hours)

Courses Required (16 credit hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTG 2010</td>
<td>Survey of Accounting I (3)</td>
</tr>
<tr>
<td>IST 2010</td>
<td>Business Computer Skills (1)</td>
</tr>
<tr>
<td>IST SI2110</td>
<td>Software Development I (3)</td>
</tr>
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<td>Information Systems Architecture (3)</td>
</tr>
<tr>
<td>IST 2720</td>
<td>Data Structures &amp; Algorithms (3)</td>
</tr>
<tr>
<td>IST 3110</td>
<td>Information Technology for Business (3)</td>
</tr>
</tbody>
</table>

Elective Course (4 credit hours)

Select one of the following:

- IST 3210 Database Design & Implementation (4)
- IST 3610 Networks and Data Communications I (4)

Course Requirements for Minor

Business Majors (20 credit hours)

Courses Required (17 credit hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>IST SI2110</td>
<td>Software Development I (3)</td>
</tr>
<tr>
<td>IST 2410</td>
<td>Information Systems Architecture (3)</td>
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<tr>
<td>IST 2720</td>
<td>Data Structures &amp; Algorithms (3)</td>
</tr>
<tr>
<td>IST 3210</td>
<td>Database Design &amp; Implementation (4)</td>
</tr>
<tr>
<td>IST 3610</td>
<td>Networks and Data Communications I (4)</td>
</tr>
</tbody>
</table>

Elective Course (3 credit hours)

Select one of the following:

- IST 3620 Networks and Data Communications II (3)
- IST 3700 E-business Technologies & Web Development (3)
- IST 3720 Software Development II (3)

Information Systems & Technologies

BIS EMPHASIS

- Program Prerequisite: IST 2010. Also refer to Bachelor of Integrated Studies (BIS) requirements.
- Grade Requirements: Each IST class must be completed with a grade of C- or better, and the overall GPA for IST classes must be at least 2.5.
- Credit Hour Requirements: 24 hours of IST courses selected in consultation with an IST advisor.

Course Prerequisites, Advisement and Admission Requirements

Refer to the IST Minor requirements above.

Suggested Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>IST SI2110</td>
<td>Software Development I (3)</td>
</tr>
<tr>
<td>IST 2410</td>
<td>Information Systems Architecture (3)</td>
</tr>
<tr>
<td>IST 3110</td>
<td>Information Technology for Business (3)</td>
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</tr>
<tr>
<td>IST 3610</td>
<td>Networks and Data Communications I (4)</td>
</tr>
<tr>
<td>IST 3700</td>
<td>E-business Technologies &amp; Web Development (3)</td>
</tr>
</tbody>
</table>

plus one of:

- IST 3620 Networks and Data Communications II (3)
- IST 3720 Software Development II (3)
**INFORMATION SYSTEMS & TECHNOLOGIES COURSES - IST**

Information Systems & Technologies courses require a significant amount of computer work and telecommunications. It is strongly recommended that all majors acquire a personal computer with Internet access and develop good keyboarding skills.

**IST SS1100. The Wired Society (3) Su, F, S**
The explosive growth of information technologies in general, and the Internet in particular, has irreversibly changed the way we work and play. This course prepares students to be knowledgeable citizens of cyberspace. It reviews our social institutions and how they are being impacted by information technology as well as the ways in which technology has been shaped by our social institutions. The course also provides hands-on experience with a variety of Internet tools.

**IST 2010. Business Computer Skills (1) Su, F, S**
This is a one-credit course where all students in business and economics demonstrate current competence in desktop software commonly used in the business environment. The course involves a series of self-paced lessons on the web that cover computer competencies students will use in their business functional and cross-functional core courses. It is followed by a hands-on exam that tests these competencies. With a couple of exceptions, students may do the online review lessons and take the exam at their own pace during the semester (students should review the syllabus to note the exceptions). Completion of IST 2010 and an Information Literacy course (BSAD TD2704 or TBE TD1504 or LIBS TD2201 or LIBS TD2704) meets the WSU computer and information literacy requirement. Prerequisite: TBE TE1700 or equivalent knowledge. To establish equivalent knowledge, take the Prerequisite Assessment accessed from the IST 2010 link: [http://www.weber.edu/IST/resources/ist2010information.html](http://www.weber.edu/IST/resources/ist2010information.html)

**IST 2015. Introduction to Information Systems & Technologies (1) F, S**
This course introduces the student to the role played by computer technology in business strategy and problem resolution. It also introduces information technologies used in information systems, including: software development, hardware, operating systems, network management, project planning, and career paths. Students will develop their academic IST program plan. Lecture series by IST Faculty. We recommend that students take IST 2010 prior to this course or take IST 2010 during the same semester.

**IST S2110. Software Development I (3) F, S**
This course introduces the student to the fundamentals of software construction using a contemporary programming language. This includes the IDE (Integrated Development Environment), syntaxes of the language, basic programming constructs, data representation, object concepts, programming flow control and problem solving logic. Students will design, program and debug several business application projects. We recommend that students take IST 2015 prior to this course or take IST 2015 during the same semester. Prerequisite: MATH QL1050.

**IST 2410. Information Systems Architecture (3) F, S**
This course provides students with a thorough grounding in computer hardware and operating system software, peripheral devices and contemporary information system architecture, including its structure, theory, and applications. We recommend that students take IST 2015 prior to this course or take IST 2015 during the same semester.

**IST 2720. Data Structures and Algorithms (3) F, S**
This course introduces the basics of specifying abstract data types, control structures and modularization, and using them to design programs. Commonly used data structures and algorithms are studied. Emphasis is made on choosing data structures and algorithms appropriate for solving given business problems. Prerequisite: IST 2110.

**IST 2891, 2892, 2893, 2894. Cooperative Work Experience (1-4) F, S**
Open to all associate's degree-seeking students who have been selected to serve an internship in the information technology field or who have identified a special IST project with their current employer, subject to approval by the IST department. Credit is determined by hours/week of work.

**IST 3110. Information Technology for Business (3) Su, F, S**
This course provides students hands-on experience with information technology tools useful for academic and professional activities. It will prepare students to use information technologies effectively to improve productivity and promote competitive position in the marketplace. Prerequisite: IST 2010, ENGL EN1010 and MATH 1010.

**IST 3210. Database Design and Implementation (4) F, S**
This course provides a comprehensive coverage of business database systems. Students will learn how to design, implement and manage databases. They will learn both GUI interface and how to use the Structured Query Language (SQL). They will also gain experience in using an enterprise level, multi-user database. Prerequisites: IST 2110.

**IST 3610. Networks & Data Communications I (4) F, S**
This course provides coverage of local area networks (LAN) technology and operations with emphasis on design and configuration issues. Design topics cover various aspects of internetworking devices, bridges and gateways, backbones, gateways and wide area network (WAN) connectivity. Configuration topics include installing a network operating system, hardening a server, creating user accounts, managing the network, connecting devices and monitoring the network. Prerequisite: IST 2410.

**IST 3620. Networks and Data Communications II (3) F**
In this intensive hands-on course, the student will acquire the skills and techniques needed to configure, troubleshoot and support reliable TCP/IP internetworks. The student will learn the essentials of building an internetwork, including routing, configuring the Domain Name Server (DNS), setting up and managing a web server, configuring a firewall and IDS, and standards-based e-mail. Students will also participate in configuring clients, redesigning networks and troubleshooting routing. Prerequisites: IST 3610.

**IST 3700. E-business Technologies & Web Development (3) F, S**
This course provides students with knowledge of technologies needed in planning, implementing and supporting web-hosted applications and on-line commerce. Topics include web and commerce server design and deployment, search engines n-tier web architecture and supporting software, client-side/server-side programming with data-bound controls and session management, e-business application languages, markup languages, on-line payment mechanisms, systems reliability and security, scalability analysis, and solutions sourcing. Prerequisites: IST 3210, IST 3610, and completion of Business Foundations.

**IST 3710. Global Issues in Information Technology (3) Su, F, S**
This course shows how information technology is used as a key competitive advantage by multinational and transnational
implementing new information technologies. Prerequisites: IST Foundations, Business Foundations and Departmental approval.

IST 4730. Senior Practicum: Project Management and Systems Development (3) F, S

This is a capstone course for the IST major. It provides hands-on and problem-solving experience in all areas of information technology including systems analysis, design, systems implementation, network design, software development, and database design. Students will participate as a member of a team to complete a proposal or a project for a significant computer-based system. This course focuses on working with actual business problems as represented in a major case study. Prerequisites: IST Concentration courses and Departmental approval.

IST 4801, 4802, 4803. Individual Projects (1-3) F, S

This course is open only to senior IST majors. Students will be required to complete an individual project, program, system, or research paper which will enhance their skills and marketability. Prerequisite: Senior standing and acceptance of the student’s proposal by the faculty.

IST 4891, 4892, 4893, 4894. Cooperative Work Experience (1-4) F, S

Open to all students who have completed the Business Foundations classes and who have been selected to serve an internship in the information technology field or who have identified a special IST project with their current employer, subject to approval by the IST department. Credit is determined by hours/week of work.

IST 5930. Professional Development Workshop in Information Technology (1-4)

Information technology professionals must remain current with new technologies to remain competitive in their careers. This course offers professional development in new systems and software as they enter the mainstream of information technology practice. Prerequisite: Permission of instructor.

IST 6610. Information and Communications Technologies for e-Business (3)

Covers the information and communications technology infrastructure required to support a robust e-business activity. Issues such as reliability, scalability, security, and responsiveness as well as n-tier architectures are reviewed. Prerequisite: MACC, MBA, or IST Certificate program standing.

IST 6620. Databases & Information Systems (3)

This course covers the role of database technology in information systems. Through hands-on and conceptual knowledge, students will learn how databases are used to construct and operate information systems designed to support decision making. Various aspects of database systems, including both correct methods and problems encountered during the design, implementation and operation of database systems will be covered. Students will gain hands-on familiarity with a relational database system. Prerequisite: Admittance to MACC or MBA program and IST 3110 or equivalent.

IST 6800. Directed Studies (1)

Directed individual study and research on special topics related to information assurance. May be repeated for a cumulative total of three credit hours. Prerequisite: Approval of IST Department Chair and Instructor.