

SPEARS SCHOOL OF BUSINESS

College Administration

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 Carol Johnson, PhD—Associate Dean
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 Ramesh Sharda, PhD—Vice Dean

Campus Address and Phone

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The Spears School of Business focuses on preparing students to make a difference in the world by teaching essential interpersonal skills alongside a high-quality business education backed by impactful research and outreach.

We live in a deeply interconnected world where business is personal while simultaneously more distant. In this world, companies rise and fall based on the strength and success of the relationships they forge.

Spears Business prepares our students for this world by having them live and learn in an environment where personal connections are paramount and academic excellence is strengthened by interpersonal prowess. We take soft skills seriously. We study business collaboratively. We use technology to include and never to exclude. Community isn't just a byproduct of what we do. At Spears, we empower students to follow their own dreams, not the dream we have for them—because the purpose of business isn't just individual gain, but a gain for every individual.

With an emphasis on people and community, we ensure our students are just as real as they are ready. In a rapidly changing world, the only constant is people. This is why students choose Spears, why employers choose our graduates, and why we make business personal.

Accreditation

The Spears School of Business (spears.okstate.edu (<http://spears.okstate.edu>)) at Oklahoma State University is accredited by The Association to Advance Collegiate Schools of Business (AACSB International). All Spears programs are AACSB accredited with the exception of the M.S. in Economics and the PhD in Economics which do not come under the AACSB's scope of review.

High School Preparation

Although a sound high school program is adequate preparation, prospective business students will benefit from a strong background in English and mathematics. Also, course work in history and government, science, geography, computer science, foreign language and public speaking will be quite valuable.

Scholarships

Oklahoma State University has an extensive scholarship program which includes entering freshmen. For full consideration as a prospective student, applications should be sent to the OSU Office of Scholarships and Financial Aid by November 1 during one's senior year in high school. Spears School of Business scholarships are primarily designated

for sophomores, juniors and seniors. Scholarship awards are based on academic performance, participation, leadership and need, and applications must be received by mid January.

Academic Advisement and Enrollment Procedure

The Business Student Success Center believes in a holistic approach to advising, beginning with prospective students that are interested in programs through Spears Business. After admission to OSU, each undergraduate student is assigned an academic counselor who is eager to help students create an academic plan of action, guide them toward university resources, and serve as a mentor. The professional academic counselors are invested in each student's collegiate life, as well as their success at OSU and beyond. The Business Student Success Center provides a link between the Spears Business and other university resources that are available to facilitate student success.

Academic Programs Undergraduate Programs

The Bachelor of Science in Business Administration degree is offered by four departments and three schools. Departmental majors are listed below.

- Accounting, with a major in accounting.
- Economics and Legal Studies in Business, with majors in economics (with options in business economics and quantitative studies and pre-law) and general business (with an option in pre-law).
- Entrepreneurship, with a major in entrepreneurship.
- Finance, with a major in finance and an option in commercial bank management.
- Management, with a major in management and options in business sustainability, human resource management, non-profit management and sports management.
- Management Science and Information Systems, with a major in management information systems and options in data science and information assurance.
- Marketing and International Business, with majors in marketing and international business.

Additional information about the undergraduate programs in the Spears School of Business can be found on the Internet at spears.okstate.edu/future/undergraduate (<http://spears.okstate.edu/future/undergraduate>).

Outstanding students in the Spears School of Business who meet the requirements of the Honors College may earn various honors designations while completing their undergraduate degree in this School. For more information, please refer to the Honors College information in the Catalog.

Master's Degree Programs

Two types of master's degrees are available to students desiring to undertake advanced work in the business area, specialized master's of science degrees and the interdisciplinary Master of Business Administration degree. Students enrolled in these programs will be charged a \$250 fee to support Career Services and Professional Development activities.

The Master of Business Administration degree allows concentrations in Energy Business, Entrepreneurship, Global Marketing, Human Resource Management, Data Science, Marketing Analytics, Business Sustainability

and Non-profit Management. The following identifies where additional information about this degree can be found in the Catalog:

The Master of Business Administration degree (see "Business Administration (p. 1572)")

The Master of Science degree requires completion of a graduate major in accounting, economics, entrepreneurship, management information systems, quantitative financial economics or information assurance. The MBA also allows more in-depth study in the areas of accounting, marketing analytics, risk management, information assurance and network security, information systems, information assurance, entrepreneurship and economics. The following identifies where additional information about these degrees can be found in the Catalog:

Master of Science in Accounting degree.
See "School of Accounting (p. 1621)."

Master of Science in Business Analytics degree.
See "School of Marketing and International Business (p. 1631)."

Master of Science in Economics degree.¹
See "Department of Economics and Legal Studies in Business (p. 1573)."

Master of Science in Entrepreneurship degree.
See "School of Entrepreneurship (p. 1625)."

The Master of Science in Management Information Systems (MIS) degree.
See "Department of Management Science and Information Systems (p. 1610)."

Master of Science in Quantitative Financial Economics degree.
See "Department of Finance (p. 1587)."

Master of Science in Information Assurance degree.
See "Department of Management Science and Information Systems (p. 1610)."

¹ The Master of Science in Economics is not subject to AACSB accreditation.

Doctor of Philosophy Degree Programs

Graduate work toward the Doctor of Philosophy degree with a major in economics is offered in the Department of Economics and Legal Studies in Business¹. Graduate work toward the Doctor of Philosophy degree with a major in business administration is offered in the departments of Finance, Management, Management Science and Information Systems, the School of Accounting, the School of Entrepreneurship, and the School of Marketing and International Business. The Spears School also offers a PhD in Business Administration that is tailored for executives.

Additional information about PhD programs can be found in the "Business Administration" section as well as in the various departmental sections.

¹ The PhD in Economics is not subject to AACSB accreditation.

The Eastin Center for Career Readiness

The Eastin Center for Career Readiness provides students with resources to build interpersonal skills and professionalism and ensure graduates are job ready. The center unites career readiness, career services and corporate engagement. Programs begin with the first year experience

by integrating career development projects and extend through the student's time at OSU. The career consultants within Spears Business are certified Global Career Development Facilitators. The center also provides students with a direct link to OSU Career Services and showcases numerous resources across campus.

General Education Requirements

The minimum general education requirements are summarized as follows: not less than 40 semester hours, including six hours of English composition and 31 hours in the breadth areas. These include: six hours in American history and government, three hours in social and behavioral sciences, six hours in humanities, three hours in analytical and quantitative thought and seven hours in the area of natural sciences, with one of the hours in scientific investigation.

Students are also required to take a "diversity" (D) designated course. This may be met in any part of the student's program, and thus does not necessarily add to the number of hours required. Diversity courses provide an understanding of the cultural context of relationships, issues and trends in a multicultural and diverse society related to such factors as culture, ethnicity, nationality, age, gender, sexual orientation, mental and physical characteristics, education, family values, religious and spiritual values, socioeconomic status and unique characteristics of individuals, couples, families, ethnic groups, and communities.

An additional requirement is an "international dimension" (I). This also may be met in any part of the student's program, and thus does not necessarily add to the number of hours required. The international dimension simply requires each student to learn about cultures and societies outside the United States. The scientific investigation requirement involves some kind of laboratory experience with student involvement. More details concerning these and other requirements can be found in the next section, "Lower-division Requirements."

Lower-Division Requirement

Work in the freshman and sophomore years is planned in such a way as to give the student basic information in the general areas of the following:

1. behavioral and social sciences,
2. communications,
3. humanities and fine arts,
4. natural science and mathematics and
5. business foundation courses.

The student may also select additional hours from courses in these areas, with the opportunity of achieving either further breadth or a certain degree of depth by concentrating these hours in a particular area of interest. As part of the student's general education, one course must be selected that is identified as satisfying the international dimension (I) requirement and one must be selected to satisfy the diversity (D) requirement.

During the freshman and sophomore years, the student will complete courses in each of the following areas:

- Behavioral and social sciences: American history, three semester credit hours; American government, three hours; and three hours elected from courses identified by the University as satisfying social science (S) credit. MGMT 3013 and MKTG 3213, which are required courses for all business majors also carry a social science (S) designation.

- Humanities and fine arts: Six semester credit hours elected from courses identified by the University as satisfying humanities (H) credit.
- Natural science and mathematics: A minimum of 10-13 semester credit hours with the specific number of required hours in mathematics and natural science varying with the major chosen. Specific requirements for each major are published by the University in the book Undergraduate Programs and Requirements.
- Communications: English composition, six semester credit hours. For non-business students, the University prerequisite for upper-division courses applies. (See "Academic Regulations" elsewhere in the Catalog.)
- General electives: In addition, the student may elect courses from any area except lower-division aerospace studies and military science and LEIS and HHP activity courses to complete degree requirements.

Credits earned during the freshman and sophomore years at a two-year college may not be substituted for junior and senior course requirements in majors in the Spears School of Business.

Departmental Clubs and Honor Societies

African American Business Students Association
 Alpha Kappa Psi
 Association for Information Systems
 Association of Information Technology Professionals
 Beta Alpha Psi (accounting honor society)
 Beta Gamma Sigma (business administration honor society)
 Business News Club
 Business Student Council
 Buy and Sell Club
 Delta Sigma Pi (professional business organization)
 Economics Society
 Entrepreneurship Club
 LOOTB/Enactus (social entrepreneurship)
 Financial Management Association
 Freshman Business Student Leaders
 GARP Student Chapter: Organization for MSQFE Students
 Human Resource Management Association
 Information Security and Assurance Club
 American Marketing Association
 MBA Student Association
 Net Impact
 OSU-Tulsa Business Association
 Phi Beta Lambda (business leadership)
 Reality Developers Club
 Sports Management Club
 Students in Free Enterprise
 Student United Way

Academic Areas

- Business Administration (p. 1572)
- Economics and Legal Studies in Business (p. 1573)
- Finance (p. 1587)
- Management (p. 1593)
- Management Science and Information Systems (p. 1610)
- School of Accounting (p. 1621)
- School of Entrepreneurship (p. 1625)
- School of Marketing and International Business (p. 1631)

Undergraduate Programs

- Accounting, BSBA (p. 1623)
- Economics, BSBA (p. 1576)
- Economics: Business Economics and Quantitative Studies, BSBA (p. 1578)
- Economics: Pre-Law, BSBA (p. 1580)
- Entrepreneurship, BSBA (p. 1629)
- Finance: Two Options, BSBA (p. 1591)
- General Business, BSBA (p. 1583)
- General Business: Pre-Law, BSBA (p. 1585)
- International Business, BSBA (p. 1635)
- Management Information Systems, BSBA (p. 1615)
- Management Information Systems: Data Science, BSBA (p. 1617)
- Management Information Systems: Information Assurance, BSBA (p. 1619)
- Management, BSBA (p. 1598)
- Management: Business Sustainability, BSBA (p. 1600)
- Management: Human Resource Management, BSBA (p. 1602)
- Management: Non-Profit Management, BSBA (p. 1604)
- Management: Sports Management, BSBA (p. 1606)
- Marketing, BSBA (p. 1638)

Minors

- Accounting (ACCT), Minor (p. 1622)
- Business Sustainability (BUSS), Minor (p. 1595)
- Creativity Studies (CRST), Minor (p. 1627)
- Data Science (DS), Minor (p. 1612)
- Economics (ECBU), Minor (p. 1575)
- Energy Finance (EFIN), Minor (p. 1589)
- Entrepreneurship (EEE), Minor (p. 1628)
- Finance (FIN), Minor (p. 1590)
- General Business (GNBU), Minor (p. 1582)
- Human Resource Management (HRM), Minor (p. 1596)
- Information Assurance (IA), Minor (p. 1613)
- International Business (INBU), Minor (p. 1634)
- Management (MGMT), Minor (p. 1597)
- Management Information Systems (MIS), Minor (p. 1614)
- Marketing (MKTG), Minor (p. 1637)
- Nonprofit Management (NPM), Minor (p. 1608)
- Sports Management (SPMG), Minor (p. 1609)

Graduate Programs

- Accounting, MBA/PhD (p. 1572)
- Business Sustainability, MBA (p. 1572)
- Data Science, MBA (p. 1572)
- Economics, MBA/PhD (p. 1572)
- Energy Business, MBA (p. 1572)
- Entrepreneurship, MBA (p. 1572)
- Global Marketing, MBA (p. 1572)
- Human Resource Management, PhD (p. 1572)
- Information Assurance, PhD (p. 1610)
- Marketing Analytics, PhD (p. 1572)

- Business Analytics, MS (p. 1631)
- Economics, MS/PhD (p. 1573)
- Entrepreneurship, MS (p. 1625)
- Information Assurance, MS (p. 1610)
- Management Information Systems, MS (p. 1610)
- Accounting Information Systems, MS (p. 1610)
- Digital Business Systems, MS (p. 1610)
- Knowledge Management Systems, MS (p. 1610)
- Information Assurance and Security, MS (p. 1610)
- Quantitative Financial Economics, MS (p. 1610)

Business Administration

Graduate Programs The Master of Business Administration Degree

The Master of Business Administration program provides graduate professional education for individuals preparing for administrative careers in either the private or public sectors. It is a comprehensive yet flexible program providing the knowledge and analytical tools to cope with the complexities of management within diverse environments. There are a number of delivery options for the MBA: full-time, part-time, and distance.

Full-Time MBA

The full-time MBA is a 45-credit-hour semi-lock step program designed for individuals who want a cohort-based experience. Applicants must have earned a four-year undergraduate degree or equivalent from an accredited university and have competitive GPA and GMAT scores. Full-time students may choose between a general MBA and an in-depth specialization. Students choosing a general MBA are free to select 12 hours of electives in functional areas of business such as marketing, finance or management. Students seeking a more in-depth area of study may select from the following twelve options: Accounting, Business Sustainability, Data Science, Economics, Energy Business, Entrepreneurship, Global Marketing, Human Resource Management, Information Assurance, Marketing Analytics, Non-profit Management and Risk Management.

Part-Time MBA

The part-time MBA is a 42-credit-hour program designed for individuals who wish to enroll on a part-time basis. The self-paced program allows students to take classes as their schedules permit. Applicants must have earned a four-year undergraduate degree or equivalent from an accredited university and have competitive GPA and GMAT scores.

Distance Learning

The MBA part-time program can be completed through a distance learning format. Distance learning is an ideal educational format for individuals seeking an alternative to the traditional on-campus classroom experience. Classes are delivered via video streaming on the Internet. Interaction with faculty and other students occurs through a web-based environment.

Regardless of the delivery option, admission is granted to those students whose potential for successful graduate study is clearly indicated by the undergraduate grade-point average, the score on the Graduate Management Admissions Test, letters of recommendation from three sources, past work experience, extracurricular and community activities and stated career goals.

The Doctor of Philosophy Degree

The PhD in business administration is an interdepartmental program in the Spears School of Business, including accounting, entrepreneurship, finance, management, management science and information systems and marketing. The degree emphasizes flexibility to meet the particular needs and objectives of individual candidates. The program is designed to provide the highest degree of preparation for the individual student,

enabling him or her to make significant professional contributions in research, teaching or business or governmental positions.

Requirements

Students select one major area of study from either accounting, entrepreneurship, finance, management, management information systems/management science or marketing, and two minor areas. The dissertation is usually written in the student's major area. One of the minor areas must be taken in the Spears School of Business. The second minor may be taken from another department within the Spears School of Business or from a department outside the Spears School.

All candidates for the PhD degree in business administration are expected to have a basic competence in all the major functional areas of business administration—accounting, economics, finance, management, management information systems/management science and marketing. In addition, basic competence is expected in finite mathematics, calculus and statistics. Students who possess a recent master's degree in business from a program accredited by the Association to Advance Collegiate Schools of Business (AACSB International) will generally have satisfied most of the basic competence requirements in these areas.

Administration

The program is administered by the dean of the Graduate College and the department in which the student enrolls with the assistance of a faculty advisory committee.

Major and Minor Areas

The candidate's advisory committee is responsible for assisting in the development of a plan of study that assures competence in the major and minor areas and in economics and quantitative analysis. All PhD students in residence are required to do teaching or research on a half-time basis while earning the degree.

For additional information about the PhD see the respective departments.

Economics and Legal Studies in Business

Economics is a social science concerned with behavior of individuals, governments, firms, and nations when confronted with scarcity imposed on mankind by the physical world. The discipline is based on a simple set of principles that are used to model decision-making in a wide variety of other fields of study. Economic principles are used to analyze and predict the both intended and unintended consequences of human action. Economics provides a comprehensive view of how a society is organized to transform the limited resources available into want-satisfying goods and services. It investigates the principles underlying the operation of the economic system and seeks to determine its weaknesses and to prescribe policy measures that will improve its operation. In the process, it ranges over a host of the most important problems confronting contemporary society—the causes of and remedies for economic depression and inflation, the determinants of and methods for improving income distribution, poverty problems and welfare measures, the role of the government in economic activity, the requisites for economic growth and development, pollution and congestion and their control.

The primary objectives sought in the undergraduate curriculum are to develop a broad understanding and perspective of the economic aspects of people's activities coupled with thorough training in the fundamental tools of economic analyses. Toward these ends, the development of elementary mathematical and statistical skills is highly desirable, as is complementary study in the social and behavioral sciences, accounting and business administration.

A major in economics prepares students for positions with business firms, non-profit private organizations and national or international government agencies. A degree option in business economics and quantitative studies is offered to provide additional training in analytical methods and communication skills for both public- and private-sector occupations. The undergraduate degree in economics also provides an excellent background for studying law or international relations and, to this end, there is a pre-law option and an international economic relations option. A student interested in pursuing graduate studies in economics should include a wide range of math courses in their undergraduate curriculum.

General Business

The general business program gives students a broad, comprehensive type of business education preparing them to enter employment in a wide range of administrative positions in private business, government or non-profit organizations. The scope of their educational experience enables these graduates to assume management positions in organizations of varying sizes and ranges of operations.

Students majoring in general business will take general education or foundation course work in behavioral and social sciences, communications, humanities and fine arts, natural science, mathematics and statistics, as well as business foundation courses in accounting, business communications, business law, economics, finance, management information systems, management and marketing.

This major, which provides for a high degree of individual student choice, includes required upper-division course work beyond the business core in each of the business disciplines as well as substantial work in business or business-related courses, selected by the student in consultation with his or her major adviser. A pre-law option is offered.

Undergraduate Programs

- Economics (ECBU), Minor (p. 1575)
- Economics, BSBA (p. 1576)
- Economics: Business Economics and Quantitative Studies, BSBA (p. 1578)
- Economics: Pre-Law, BSBA (p. 1580)
- General Business (GNBU), Minor (p. 1582)
- General Business, BSBA (p. 1583)
- General Business: Pre-Law, BSBA (p. 1585)

Graduate Programs

The department offers work leading to the Master of Science degree and the Doctor of Philosophy degree. The graduate program in economics prepares economists for academic careers as well as research and administrative positions in business and government agencies.

Graduate fields of specialization include regional and urban economics, international economics and economic development. In addition, graduate courses are offered in energy economics and econometrics.

The initial admission to a graduate program is determined by the graduate studies committee on the basis of the applicant's previous academic record; verbal, quantitative and analytical scores of the Graduate Record Examination and three letters of recommendation.

The Master of Science Degree ¹

Admission to the master's program in economics is granted to college graduates with superior academic records. Students must have an undergraduate economics degree, be well grounded in economic theory, and have an excellent mathematical background. A total of 30-33 graduate credit hours are required to earn an MS in economics.

Each graduate student is guided in the preparation of a plan of study by the graduate adviser. At the master's level, there are two options. One provides the student with a well-rounded program that does not specialize in a particular area of economics. The second option is applied economics, which stresses communication skills, quantitative analysis and course work from other disciplines related to a career objective. The candidate for the master's degree is required to show competence in basic economic theory and statistical methods, together with an understanding of the fundamental institutional operations of the United States economy.

A research report or thesis is required of all students who take only the MS degree. A foreign language is not required.

¹ Our MS in Economics is not subject to AACSB accreditation because Economics program are often taught in either business colleges or arts and sciences colleges.

The Doctor of Philosophy Degree ¹

Admission to the doctoral program in economics is granted to college graduates who have superior academic records. A total of 64 graduate credit hours are required to earn a PhD in economics.

The PhD program stresses balanced preparation in economic theory, mathematics and statistics, as well as competence in subject-area fields of specialization. The student is required to pass qualifying examinations in the theory core and in one field of specialization. (The theory core is not considered a field of specialization.) Competence must

be demonstrated in a second field of specialization through course work. The graduate adviser helps the student develop a plan of study to achieve these objectives. A foreign language is not required.

A dissertation based upon original research is required of the candidate for a PhD degree in economics. The final oral examination is the dissertation defense.

¹ Our PhD in Economics is not subject to AACSB accreditation because many Economics programs reside and are administered in colleges of arts and sciences.

Faculty

Lee C. Adkins, PhD—Professor and Head

Regents Professor: Dan S. Rickman, PhD

Professors: Orley M. Amos, Jr., PhD; Kevin Currier, PhD; Jim Fain, PhD; Jaebeom Kim, PhD

Associate Professors: Mary N. Gade, PhD; Harounan Kazianga, PhD; Bidisha Lahiri, PhD; Laurie A. Lucas, JD; Geoffrey P.G. Pivateau, JD; John Winters, PhD

Assistant Professors: Mehtabul Azam, PhD; Gregory Day, JD; Karen Maguire, PhD; Michael Schuster, JD; Wenyi Shen, PhD; Jack Wroldsen, JD

Clinical Faculty: Michael D. Morris, PhD

Other Faculty: Bill McLean, PhD; Tara Urich, JD

Economics (ECBU), Minor

Requirements for Students Matriculating in or before Academic Year

2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Business Student Services, 103 Business, 405-744-2772

Minimum Overall Grade Point Average: 2.00

Total Hours: 27 hours

For minors requiring 27 hours, 18 of the 27 hours must be taken in residence at OSU, and 6 of the 9 hours for the Specific Minor Area must be taken in residence at OSU. Students with majors outside of the SSB may find that some courses will have additional prerequisites. For minors with various required hours, please see specific minor.

Code	Title	Hours
Minor Requirements		
ECON 2103	Introduction to Microeconomics (S)	3
or ECON 2003	Introduction to Economics	
ECON 2203	Introduction to Macroeconomics	3
Select 9 hours of upper-division economics		9
ACCT 2103	Financial Accounting	3
or ACCT 2003	Fundamentals of Accounting	
Select 9 hours of the following:		9
LSB 3213	Legal and Regulatory Environment of Business	
FIN 3113	Finance	
MGMT 3013	Fundamentals of Management (S)	
MKTG 3213	Marketing (S)	

Other Requirements

- Must have a 2.0 in the 15 hours of required economics courses.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive, of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following minor requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://stw.sp.okstate.edu/policies/Shared%20Documents/Requirements%20for%20Undergraduate%20and%20Graduate%20Minors.pdf>).

Economics, BSBA

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 784)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
<i>American History & Government</i>		
HIST 1103	Survey of American History	3
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1513	College Algebra (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
MATH 2103	Business Calculus (A) ¹	3
MGMT 3013	Fundamentals of Management (S) ¹	3
MKTG 3213	Marketing (S) ¹	3
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Business Freshman Seminar</i>		
BADM 1111	Business First Year Seminar	1
<i>Career Planning for Business Success</i>		
BADM 2111	Career Planning for Business Success ¹	1
<i>Professional Development for Business Development</i>		
BADM 3111	Professional Development for Business Success ¹	1
Hours Subtotal		3
Major Requirements		
A GPA of 2.00 is required in these 66 hours (one average)		
<i>Common Body</i> ²		
ACCT 2103	Financial Accounting	3
ACCT 2203	Managerial Accounting	3
BADM 3113	Interpersonal Skills ²	3

ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
EEE 2023	Introduction to Entrepreneurship	3
FIN 3113	Finance	3
LSB 3213	Legal and Regulatory Environment of Business	3
MGMT 4513	Strategic Management	3
MSIS 2103	Business Computer Concepts and Applications	3
MSIS 3223	Operation Analytics	3
<i>Economics Major Requirements</i>		
A GPA of 2.00 is required in these 33 hours of Economics		
15 of these 33 hours must be in residence at OSU		
ECON 3113	Intermediate Microeconomics	3
ECON 3123	Intermediate Macroeconomics	3
Select 15 hours from other upper-division ECON courses		15
STAT 2023	Elementary Statistics for Business and Economics (A)	3
Select 3 hours of the following:		3
BCOM 3113	Written Communication	
BCOM 3223	Oral Communication	
ENGL 3030	Fiction Writing	
ENGL 3323	Technical Writing	
SPCH 3723	Business and Professional Communication	
Select 6 hours upper-division electives		6
Hours Subtotal		66
Electives		
Select 11 hours		11
May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC		
Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours		
Hours Subtotal		11
Total Hours		120

¹ Courses also meet College and Departmental Requirements and cannot be waived with an Associate's degree.

² MGMT 3013 Fundamentals of Management (S) and MKTG 3213 Marketing (S) are common body requirements, but are counted in general education requirements.

Other Requirements

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2023.

Economics: Business Economics and Quantitative Studies, BSBA

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 784)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
<i>American History & Government</i>		
HIST 1103	Survey of American History	3
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1513	College Algebra (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
MATH 2103	Business Calculus (A) ¹	3
MGMT 3013	Fundamentals of Management (S) ¹	3
MKTG 3213	Marketing (S) ¹	3
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Business Freshman Seminar</i>		
BADM 1111	Business First Year Seminar	1
<i>Career Planning for Business Success</i>		
BADM 2111	Career Planning for Business Success ¹	1
<i>Professional Development for Business Development</i>		
BADM 3111	Professional Development for Business Success ¹	1
Hours Subtotal		3
Major Requirements		
GPA of 2.00 is required in these 69 hours (one average)		
<i>Common Body²</i>		
ACCT 2103	Financial Accounting	3

ACCT 2203	Managerial Accounting	3
BADM 3113	Interpersonal Skills ²	3
ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
EEE 2023	Introduction to Entrepreneurship	3
FIN 3113	Finance	3
LSB 3213	Legal and Regulatory Environment of Business	3
MGMT 4513	Strategic Management	3
MSIS 2103	Business Computer Concepts and Applications	3
MSIS 3223	Operation Analytics	3
<i>Economics Major Requirements</i>		
A GPA of 2.00 is required in these 36 hours of Economics Major Requirements		
15 of these 36 hours must be in residence at OSU		
ECON 3113	Intermediate Microeconomics	3
ECON 3123	Intermediate Macroeconomics	3
ECON 3313	Money and Banking	3
Select 9 hours of the following:		9
ECON 3213	Game Theory and Experimental Economics	
ECON 4213	Econometric Methods	
ECON 4233	Econometric Applications	
ECON 4223	Business and Economic Forecasting	
MSIS 3233	Management Science - Prescriptive Analytics	
Select 6 hours from other upper-division ECON courses		6
STAT 2023	Elementary Statistics for Business and Economics (A)	3
STAT 3013	Intermediate Statistical Analysis	3
Select 3 hours of the following:		3
BCOM 3113	Written Communication	
BCOM 3223	Oral Communication	
ENGL 3030	Fiction Writing	
ENGL 3323	Technical Writing	
SPCH 3723	Business and Professional Communication	
Select 3 hours upper-division electives		3
Hours Subtotal		69
Electives		
Select 8 hours		8
May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC		
Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours		
Hours Subtotal		8
Total Hours		120

¹ Courses also meet College and Departmental Requirements and cannot be waived with an Associate's degree.

² MGMT 3013 Fundamentals of Management (S) and MKTG 3213 Marketing (S) are common body requirements, but are counted in general education requirements.

Other Requirements

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2023.

Economics: Pre-Law, BSBA

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 784)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
<i>American History & Government</i>		
HIST 1103	Survey of American History	3
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1513	College Algebra (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
MATH 2103	Business Calculus (A) ¹	3
MGMT 3013	Fundamentals of Management (S) ¹	3
MKTG 3213	Marketing (S) ¹	3
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Business Freshman Seminar</i>		
BADM 1111	Business First Year Seminar	1
<i>Career Planning for Business Success</i>		
BADM 2111	Career Planning for Business Success ¹	1
<i>Professional Development for Business Development</i>		
BADM 3111	Professional Development for Business Success ¹	1
Hours Subtotal		3
Major Requirements		
A GPA of 2.00 is required in these 66 hours (one average)		
<i>Common Body</i> ²		
ACCT 2103	Financial Accounting	3
ACCT 2203	Managerial Accounting	3
BADM 3113	Interpersonal Skills ²	3

ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
EEE 2023	Introduction to Entrepreneurship	3
FIN 3113	Finance	3
LSB 3213	Legal and Regulatory Environment of Business	3
MGMT 4513	Strategic Management	3
MSIS 2103	Business Computer Concepts and Applications	3
MSIS 3223	Operation Analytics	3
<i>Economics Major Requirements</i>		
A GPA of 2.00 is required in these 33 hours of Economics Major Requirements		
15 of these 33 hours must be in residence at OSU		
ECON 3113	Intermediate Microeconomics	3
ECON 3123	Intermediate Macroeconomics	3
Select 15 hours from other upper-division ECON courses		15
PHIL 1313	Logic and Critical Thinking (A)	3
STAT 2023	Elementary Statistics for Business and Economics (A)	3
Select 6 hours of the following:		6
LSB 4323	Law of Commercial Transactions and Debtor-Creditor Relationships	
LSB 4403	Law and Entrepreneurship	
LSB 4413	Law of Business Organizations	
LSB 4423	Employment Law (D)	
LSB 4523	Law of Real Property	
LSB 4633	Legal Aspects of International Business Transactions (I)	
POLS 2023	The Individual And The Law	
POLS 4963	U.S. Constitution: Civil Rights and Liberties	
POLS 4973	U.S. Constitution: Civil Liberties	
SPCH 3733	Elements of Persuasion (S)	
Hours Subtotal		66
Electives		
Select 11 hours		11
May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC		
Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours		
Hours Subtotal		11
Total Hours		120

¹ Courses also meet College and Departmental Requirements and cannot be waived with an Associate's degree.

² MGMT 3013 Fundamentals of Management (S) and MKTG 3213 Marketing (S) are common body requirements, but are counted in general education requirements.

Other Requirements

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2023.

General Business (GNBU), Minor

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Business Student Services, 103 Business, 405-744-2772

Minimum Overall Grade Point Average: 2.00

Total Hours: 27 hours

For minors requiring 27 hours, 18 of the 27 hours must be taken in residence at OSU, and 6 of the 9 hours for the Specific Minor Area must be taken in residence at OSU. Students with majors outside of the SSB may find that some courses will have additional prerequisites. For minors with various required hours, please see specific minor.

Code	Title	Hours
Minor Requirements		
ACCT 2103	Financial Accounting	3
ACCT 2203	Managerial Accounting	3
ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
MSIS 2103	Business Computer Concepts and Applications	3
LSB 3213	Legal and Regulatory Environment of Business	3
FIN 3113	Finance	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive, of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following minor requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://stw.sp.okstate.edu/policies/Shared%20Documents/Requirements%20for%20Undergraduate%20and%20Graduate%20Minors.pdf>).

General Business, BSBA

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 784)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
<i>American History & Government</i>		
HIST 1103	Survey of American History	3
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1513	College Algebra (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
MATH 2103	Business Calculus (A) ¹	3
MGMT 3013	Fundamentals of Management (S) ^{1,2}	3
MKTG 3213	Marketing (S) ^{1,2}	3
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Business Freshman Seminar</i>		
BADM 1111	Business First Year Seminar	1
<i>Career Planning for Business Success</i>		
BADM 2111	Career Planning for Business Success ¹	1
<i>Professional Development for Business Development</i>		
BADM 3111	Professional Development for Business Success ¹	1
Hours Subtotal		3
Major Requirements		
A minimum GPA of 2.00 is required in these 69 hours		
<i>Common Body</i> ²		
ACCT 2103	Financial Accounting	3
ACCT 2203	Managerial Accounting	3
BADM 3113	Interpersonal Skills ²	3

ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
EEE 2023	Introduction to Entrepreneurship	3
FIN 3113	Finance	3
LSB 3213	Legal and Regulatory Environment of Business	3
MGMT 4513	Strategic Management	3
MSIS 2103	Business Computer Concepts and Applications	3
MSIS 3223	Operation Analytics	3
<i>General Business Major Requirements</i>		
A GPA of 2.00 is required in these 36 hours		
18 of these 36 hours must be in residence at OSU		
STAT 2023	Elementary Statistics for Business and Economics (A)	3
Select one of the following:		3
BCOM 3113	Written Communication	
BCOM 3223	Oral Communication	
ENGL 3323	Technical Writing	
SPCH 3723	Business and Professional Communication	
Select 3 upper-division hours from six of the following eight areas: ACCT, ECON, EEE, FIN, LSB, MGMT, MKTG, MSIS		18
Select an additional 12 upper-division hours from fields in the SSB		12
Hours Subtotal		69
Electives		
Select 8 hours		8
May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC		
Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours		
Hours Subtotal		8
Total Hours		120

¹ Courses also meet College and Departmental Requirements and cannot be waived with an Associate's degree.

² MGMT 3013 Fundamentals of Management (S) and MKTG 3213 Marketing (S) are common body requirements, but are counted in general education requirements.

Other Requirements

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2023.

General Business: Pre-Law, BSBA

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 784)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
<i>American History & Government</i>		
HIST 1103	Survey of American History	3
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1513	College Algebra (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
MATH 2103	Business Calculus (A) ¹	3
MGMT 3013	Fundamentals of Management (S) ^{1,2}	3
MKTG 3213	Marketing (S) ^{1,2}	3
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Business Freshman Seminar</i>		
BADM 1111	Business First Year Seminar	1
<i>Career Planning for Business Success</i>		
BADM 2111	Career Planning for Business Success ¹	1
<i>Professional Development for Business Development</i>		
BADM 3111	Professional Development for Business Success ¹	1
Hours Subtotal		3
Major Requirements		
A minimum GPA of 2.00 is required in these 69 hours		
<i>Common Body</i> ²		
ACCT 2103	Financial Accounting	3
ACCT 2203	Managerial Accounting	3
BADM 3113	Interpersonal Skills ¹	3

ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
EEE 2023	Introduction to Entrepreneurship	3
FIN 3113	Finance	3
LSB 3213	Legal and Regulatory Environment of Business	3
MGMT 4513	Strategic Management	3
MSIS 2103	Business Computer Concepts and Applications	3
MSIS 3223	Operation Analytics	3
<i>General Business Major Requirements</i>		
A GPA of 2.00 is required in these 36 hours		
18 of these 36 hours must be in residence at OSU		
STAT 2023	Elementary Statistics for Business and Economics (A)	3
Select 6 hours upper-division SSB electives		6
Select 3 hours of the following:		3
BCOM 3113	Written Communication	
BCOM 3223	Oral Communication	
ENGL 3323	Technical Writing	
SPCH 3723	Business and Professional Communication	
Select 3 upper-division hours from five of the following eight areas: ACCT, ECON, EEE, FIN, LSB, MGMT, MKTG, MSIS		15
Select 9 hours of the following:		9
LSB 4323	Law of Commercial Transactions and Debtor-Creditor Relationships	
LSB 4403	Law and Entrepreneurship	
LSB 4413	Law of Business Organizations	
LSB 4423	Employment Law (D)	
LSB 4523	Law of Real Property	
LSB 4633	Legal Aspects of International Business Transactions (I)	
POLS 3983	Courts and Judicial Process (S)	
POLS 4963	U.S. Constitution: Civil Rights and Liberties	
POLS 4973	U.S. Constitution: Civil Liberties	
Hours Subtotal		69
Electives		
Select 8 hours		8
May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.		
Hours Subtotal		8
Total Hours		120

¹ Courses also meet College and Departmental Requirements and cannot be waived with an Associate's degree.

² MGMT 3013 Fundamentals of Management (S) and MKTG 3213 Marketing (S) are common body requirements, but are counted in general education requirements.

3+3 Law Program

With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law program may be substituted for the following classes:

Code	Title	Hours
Select 6 hours of electives		6
LSB 3213	Legal and Regulatory Environment of Business	3
Select 3 hours of BCOM		3
Select 3 hours of LSB from the 18 hour list		3
Select 9 hours from LSB/POLS list		9
Select 6 hours of upper division business		6
Total Hours		30

Other Requirements

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2023.

Finance

Financial executives are of central importance to the overall planning, control and success of an organization. There are financial implications in virtually all organizational decisions, whether the organization is a business firm, a non-profit organization or a government. With each new innovation in the field of finance the importance of finance for all organizations has grown. Every decision maker must have sufficient knowledge of finance to determine the financial implications of their decisions.

Finance has evolved from a descriptive discipline in the early 1900s to the analytical discipline we find today. Finance theoreticians use fundamental economic theory to develop valuation models and the tools of financial analysis and risk management that are used by finance practitioners to make financial decisions. Finance consists of three interrelated core areas: financial markets and institutions, investments and portfolio theory, and managerial (business) finance. Subsets of these core areas include personal finance, real estate finance, international finance, the management of financial institutions, insurance, entrepreneurial finance, and derivative securities and risk management.

The primary objective of the undergraduate finance curriculum is to produce graduates who have a broad understanding of the financial aspects of their decisions and actions and who are capable of utilizing the fundamental tools of financial analysis. Toward these ends, the development of elementary mathematical and statistical skills and the study of economics, accounting and business administration are needed to accomplish the objective. The major in finance prepares students for positions that require special understanding of financial analysis, financial management and financial systems in a wide variety of organizations.

A career in financial management can begin in one of several positions that may lead to a major executive position, including chief executive officer. Initial positions in the managerial finance area include capital budgeting analyst, cash manager, credit analyst, financial analyst (who works closely with accountants), and risk manager. Alternatively, finance majors may choose to enter the financial services industries. Finance majors could enter the workforce in the banking industry as a loan officer, or as a member of the trust department; in the securities industry as a securities analyst, as an investment banker, as a stockbroker or account executive, or as a financial planner; and in the insurance industry as an agent or underwriter.

Undergraduate Programs

- Energy Finance (EFIN), Minor (p. 1589)
- Finance (FIN), Minor (p. 1590)
- Finance: Two Options, BSBA (p. 1591)

Graduate Programs

Concentrations in finance are offered through the Master of Business Administration, Master of Science in Quantitative Financial Economics and Doctor of Philosophy degrees.

The Master of Business Administration (MBA) Degree

(See "Business Administration (p. 1572).")

The Master of Science in Quantitative Financial Economics Degree. The discipline of quantitative finance has evolved tremendously in recent years, spurred by business and financial institution demand for quantitative skills. Oklahoma State University offers a Master of Science Degree in Quantitative Financial Economics (MSQFE) to meet this demand. The objective of the MSQFE is to produce graduates with mathematical, statistical and financial modeling skills necessary to support advanced financial and economic decision making.

The MSQFE is a Spears School of Business degree program that draws on the combined expertise of five OSU departments—Finance, Economics, Mathematics, Statistics and Agricultural Economics. The program is designed to produce graduates with the skills necessary to participate in critical decision making processes at all levels of the organization. The program focuses on the analytical methods necessary for effective participation in the fields of investment management, risk management, and financial engineering. Significant course work is devoted to the development of mathematical and statistical skills. These skills are necessary to evaluate the uncertain outcomes found in financial decision making. The program provides students the opportunity to apply their knowledge and skills to projects that utilize quantitative financial tools and techniques. The MSQFE program seeks to develop student competencies in risk evaluation methods, empirical estimation techniques, valuation theory and techniques, mathematical solution methods, capital budgeting, demand analysis and risk management.

The MSQFE is a 33 credit hour program. The core 24 hours consists of classes required of all students in the program. Students may elect to complete a master's thesis. This option would reduce the number of elective hours from nine to three.

The admission requirements include an earned undergraduate degree from a college or university of recognized standards. In addition to the Oklahoma State University Graduate College's standard requirements, the program's Curriculum Committee will consider the applicant's letters of recommendation, GMAT or GRE score, previous academic performance and financial/statistical modeling experience. The background necessary to complete the program with only 33 hours of course work includes ten hours of calculus, differential equations, statistical methods, intermediate microeconomics and principles of finance.

Additional information about the program is available on the Internet at <http://watson.okstate.edu/msqfe/>.

The Doctor of Philosophy Degree

A PhD in business administration with concentration in finance prepares the student for careers in academia, business or government.

The program is designed to meet the needs and objectives of individual students but all students will seek an in-depth understanding of the theoretical foundations of financial economics, and develop research competency and teaching skills. The small class size provides a supportive environment conducive to the exchange of ideas and the development of new insights by both faculty and students.

Students will select finance as their major area of study. Two areas of concentration are also to be selected. As support for the major field of study, each student is required to attain graduate-level competence in economic theory and quantitative methods.

Prerequisites for admission to the program are appropriate basic courses in accounting, calculus, statistics, and econometrics.

Competence in planning and executing research is demonstrated by a dissertation. In addition, each candidate must pass comprehensive qualifying examinations and a final oral examination on the dissertation itself.

Outstanding students with degrees in any field of study may apply. Applications for admission are evaluated on the basis of the following:

1. undergraduate and graduate grade-point averages,
2. score on the Graduate Management Admissions Test (GMAT),
3. a two- or three-page statement describing goals and academic interests,
4. at least three letters of recommendation,
5. evidence of research potential and
6. a personal interview when feasible.

It is the applicant's responsibility to see that all materials related to these criteria are received by the Department of Finance. Additional information about the program is available on the internet at Watson.okstate.edu/financephd/ (<http://Watson.okstate.edu/financephd/>).

Faculty

Betty Simkins, PhD—Professor and Head

Professors: David A. Carter, PhD; Timothy L. Krehbiel, PhD; John Polonchek, PhD;

Ramesh P. Rao, PhD

Associate Professors: William H. Dare, PhD; Ali Nejadmalayeri, PhD; Shu Yan, PhD

Assistant Professors: Greg Eaton, PhD; Qin "Emma" Wang, PhD; Jun Zhang, PhD

Other Faculty: Mark Poole; Corey Shank; Eric Sisneros, PhD; Nancy Titus-Piersma; Liying Xu, PhD

Energy Finance (EFIN), Minor

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Business Student Services, 103 Business, 405-744-2772

Minimum Overall Grade Point Average: 2.00

Total Hours: 18 hours

For minors requiring 27 hours, 18 of the 27 hours must be taken in residence at OSU, and 6 of the 9 hours for the Specific Minor Area must be taken in residence at OSU. Students with majors outside of the SSB may find that some courses will have additional prerequisites. For minors with various required hours, please see specific minor.

Code	Title	Hours
Minor Requirements		
FIN 3113	Finance	3
FIN 4550	Selected Topics in Finance	1-6
FIN 4363	Energy Finance	3
ACCT 2003	Fundamentals of Accounting	3
or ACCT 2103	Financial Accounting	
ECON 2003	Introduction to Economics	3
or ECON 2103	Introduction to Microeconomics (S)	
Select 3 hours from one of the following:		3
One upper-division finance		
ECON 4113	Energy Economics: Traditional and Renewable Energy Markets	
or GEOL 4990	Special Problems in Earth Science	

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive, of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following minor requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://stw.sp.okstate.edu/policies/Shared%20Documents/Requirements%20for%20Undergraduate%20and%20Graduate%20Minors.pdf>).

Finance (FIN), Minor

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Business Student Services, 103 Business, 405-744-2772

Minimum Overall Grade Point Average: 2.00

Total Hours: 18 hours

For minors requiring 27 hours, 18 of the 27 hours must be taken in residence at OSU, and 6 of the 9 hours for the Specific Minor Area must be taken in residence at OSU. Students with majors outside of the SSB may find that some courses will have additional prerequisites. For minors with various required hours, please see specific minor.

Code	Title	Hours
Minor Requirements		
FIN 3113	Finance	3
Select 9 hours of upper-division finance ¹		9
ACCT 2003	Fundamentals of Accounting	3
or ACCT 2103	Financial Accounting	
ECON 2003	Introduction to Economics	3
or ECON 2103	Introduction to Microeconomics (S)	

¹ Excluding FIN 4063 Applied Financial Studies.

Other Requirements

- 18 of the 30 hours must be taken in residence at OSU and 6 of the 9 hours of finance electives must be taken in residence at OSU.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive, of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following minor requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://stw.sp.okstate.edu/policies/Shared%20Documents/Requirements%20for%20Undergraduate%20and%20Graduate%20Minors.pdf>).

Finance: Two Options, BSBA

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 784)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
<i>American History & Government</i>		
HIST 1103	Survey of American History	3
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1513	College Algebra (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
MATH 2103	Business Calculus (A) ¹	3
MGMT 3013	Fundamentals of Management (S) ¹	3
MKTG 3213	Marketing (S) ¹	3
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Business Freshman Seminar</i>		
BADM 1111	Business First Year Seminar	1
<i>Career Planning for Business Success</i>		
BADM 2111	Career Planning for Business Success ¹	1
<i>Professional Development for Business Development</i>		
BADM 3111	Professional Development for Business Success ¹	1
Hours Subtotal		3
Major Requirements		
A minimum GPA of 2.00 is required in these 72 hours		
<i>Common Body</i> ²		
ACCT 2103	Financial Accounting	3
ACCT 2203	Managerial Accounting	3
BADM 3113	Interpersonal Skills ²	3

ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
EEE 2023	Introduction to Entrepreneurship	3
FIN 3113	Finance	3
LSB 3213	Legal and Regulatory Environment of Business	3
MGMT 4513	Strategic Management	3
MSIS 2103	Business Computer Concepts and Applications	3
MSIS 3223	Operation Analytics	3
<i>Finance Major Requirements</i>		
A minimum GPA of 2.00 is required in these 39 hours of Finance Major Requirements		
18 of these 39 hours must be in residence at OSU		
<i>Core Courses:</i>		
ACCT 3103	Intermediate Accounting I	3
ECON 3313	Money and Banking	3
FIN 4223	Investments	3
FIN 4333	Financial Management	3
STAT 2023	Elementary Statistics for Business and Economics (A)	3
Select 3 hours of the following:		3
BCOM 3113	Written Communication	
BCOM 3223	Oral Communication	
BCOM 3443	Business Communication for International Students	
ENGL 3323	Technical Writing	
SPCH 3703	Small Group Communication	
SPCH 3723	Business and Professional Communication	
SPCH 4753	Intercultural Communication (I)	
SPCH 4763	Organizational Communication	
<i>Option</i>		
Select one option (p. 1592)		21
Hours Subtotal		72
Electives		
Select 5 hours		5
May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. 12 credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.		
Hours Subtotal		5
Total Hours		120

¹ Courses also meet College and Departmental Requirements and cannot be waived with an Associate's degree.

² MGMT 3013 Fundamentals of Management (S) and MKTG 3213 Marketing (S) are common body requirements, but are counted in general education requirements.

Finance Options

General Option

Code	Title	Hours
Select 18 hours of the following:		18
FIN 3613	General Insurance	
FIN 3713	Real Estate Investment and Finance	
FIN 4063	Applied Financial Studies	
FIN 4113	Financial Markets and Institutions	
FIN 4213	International Financial Management	
FIN 4363	Energy Finance	
FIN 4443	Banking Strategies and Policies	
FIN 4453	Bank Decision Simulation and Analysis	
FIN 4550	Selected Topics in Finance (max 6 hours)	
FIN 4653	Bond Markets	
FIN 4763	Financial Futures and Options Markets	
FIN 4813	Portfolio Management	
FIN 4843	Risk Management	
Select 3 hours of the following:		3
ACCT 3013	Federal Income Taxation	
ACCT 3113	Intermediate Accounting II	
ACCT 3203	Cost Accounting	
STAT 3013	Intermediate Statistical Analysis	

Commercial Bank Management Option

Code	Title	Hours
FIN 4063	Applied Financial Studies	3
FIN 4113	Financial Markets and Institutions	3
FIN 4443	Banking Strategies and Policies	3
FIN 4763	Financial Futures and Options Markets	3
Select 6 hours of the following:		6
FIN 3613	General Insurance	
FIN 3713	Real Estate Investment and Finance	
FIN 4363	Energy Finance	
FIN 4213	International Financial Management	
FIN 4453	Bank Decision Simulation and Analysis	
FIN 4550	Selected Topics in Finance (max 6 hours)	
FIN 4653	Bond Markets	
FIN 4813	Portfolio Management	
FIN 4843	Risk Management	
Select 3 hours of the following:		3
ACCT 3013	Federal Income Taxation	
ACCT 3113	Intermediate Accounting II	
ACCT 3203	Cost Accounting	
STAT 3013	Intermediate Statistical Analysis	

Other Requirements

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2023.

Management

The purpose of organizations is to channel the efforts of individuals to accomplish goals working together in a meaningful way to realize success in business or in solving pressing social problems requiring skilled managers.

The field of management is concerned with applying social, psychological and economic theories of human behavior to the real-world problems of designing organizations leading and motivating employees, planning effective courses of action and efficiently allocating resources. Since the field of management deals with real-world problems, students should have an interest in acquiring a deep understanding of human behavior and applying this knowledge in a variety of different contexts to create value for themselves and others.

The Department of Management offers an undergraduate major in management with options in human resource management (HRM), sports management and business sustainability. The department also offers graduate studies leading to an MBA degree or a PhD degree. The disciplines spanned by these degrees offer dynamic, exciting career possibilities to students at all levels.

Management

Undergraduate students should look forward to both intellectual growth and the development of management skills that are in high demand in today's competitive business world.

The Management major, as well as the three optional specializations, are concerned with the analytical process and the application of decision tools and relevant theory to creative problem solving. While the topics vary from one option to another, the common thread running through the Management major is the rational process of managing organizations, solving problems and accomplishing goals.

The major in management offers dynamic, exciting possibilities for study and employment by preparing students for leadership positions in all types of organizations. Some examples of topics include leadership, strategic management, planning courses of action, organizational behavior, resource allocation and administration. Students with degrees in management are employed by organizations of all types and sizes as managers or staff specialists. The major has flexibility so that the student may include coursework from any of the other business disciplines. The management major is a good choice for those interested in for profit leadership roles in business, non-profit and public sector organizations.

Option in Human Resource Management

Students in the human resource management option study topics pertaining to the management and well-being of an organization's workforce, including compensation administration, forecasting demand for personnel, labor relations and collective bargaining, recruitment and selection, and training and development. This option is designed to prepare students for careers in human resource management or for careers that facilitate the attainment of a competitive advantage through human capital. A career as an HRM professional offers many opportunities, such as developing and implementing innovative HR policies and assisting employees with career challenges and opportunities.

Option in Sports Management

Sports enterprises are becoming increasingly concerned with their "bottom line," and they need employees who have business skills as well as expertise in the sports industry. The sports industry includes amateur, college, minor league and professional level sports organizations and is an industry that is growing in importance in our economy and society. Our sports management program is one of the few in the country that is housed within a business management department, so we offer our students the opportunity to gain important business management skills while learning about the unique nature of sports organizations.

Option in Business Sustainability

A sustainable enterprise is built around the triple bottom line imperative of protecting and enhancing the current and long-term future of the organization, the quality of life of the people impacted by the organization, and the health of the natural environment. There is a growing need for individuals with training in sustainable enterprise, and the job opportunities for well-trained undergraduates are increasing. The Business Sustainability option prepares students for this growing and exciting field with extra class work in business ethics, corporate social responsibility, and sustainable business practices.

Undergraduate Programs

- Business Sustainability (BUSS), Minor (p. 1595)
- Human Resource Management (HRM), Minor (p. 1596)
- Management (MGMT), Minor (p. 1597)
- Management, BSBA (p. 1598)
- Management: Business Sustainability, BSBA (p. 1600)
- Management: Human Resource Management, BSBA (p. 1602)
- Management: Non-Profit Management, BSBA (p. 1604)
- Management: Sports Management, BSBA (p. 1606)
- Nonprofit Management (NPM), Minor (p. 1608)
- Sports Management (SPMG), Minor (p. 1609)

Graduate Programs

The Department of Management offers work leading to the Master of Business Administration and the Doctor of Philosophy in business administration degrees.

The Master of Business Administration (MBA) Degree

(See "Business Administration (p. 1572).")

Graduate Certificates

Certificate in Nonprofit Management

A growing number of executives in non-profits are recognizing the need to incorporate contemporary management skills into their organizations. This certificate is designed to highlight management practices used in traditional businesses that can also be applied in the nonprofit context and explore the important interface between for-profit businesses and nonprofit organizations.

This certificate is aimed at working professionals who typically join organizations at entry to mid-level management positions without prior business management education. The certificate offers a range of courses that will examine how to apply business practices in nonprofit

organizations. Those seeking the graduate certificate will complete 6 hours of required coursework and select another 6 hours of coursework that best fits their situation.

Certificate in Sustainable Business

A sustainable enterprise is built around the triple bottom line imperative of protecting and enhancing the current and long term future of the organization, the quality of life of the people impacted by the organization, and the health of the planet. A combination of factors has made a focus on sustainability no longer an option for organizations—whether public, private, or governmental. First, from a cost perspective, managers must recognize that their actions (whether proactive or inactive) that negatively impact people (e.g., its shareholders, employees, customers, communities) can lead to lawsuits. Similarly, by reducing the waste that harms the planet, organizations can minimize costs. Second, from a revenue perspective, the development of green products can provide a competitive advantage in the marketplace. Third, from an ethical perspective, it is simply the right thing to do to protect the planet as well as present and future generations of people from the negative externalities of an organization's actions. We are building these ideas into both our undergraduate and graduate management programs.

This certificate is aimed at working professionals and offers a range of courses that will examine how to apply business practices to sustainability practices in business. Those seeking the graduate certificate will complete 6 hours of required coursework and select another 6 hours of coursework that best fits their situation.

The Doctor of Philosophy Degree

The PhD in business administration program administered through the Department of Management prepares students for a career in university research and teaching.

The program is flexible and individually structured to meet the needs and objectives of the candidate. Emphasis is placed on understanding the psychological, social and economic foundations of business administration and developing the analytical skills to publish research in the management specialties of organizational behavior, human resources and strategic management.

PhD students in management concentrate in either organizational behavior or strategic management and pursue two minors. At least one of the minor areas must be taken in the Spears School of Business. As support for the major and minor fields of study, each student is required to attain graduate-level competence in quantitative research methods.

As prerequisites to the program, all candidates must have completed appropriate basic courses in calculus and statistics. In addition, candidates are expected to have a basic competence in the major functional areas of business—accounting, finance, management, management information systems, management science and marketing. Competence in the functional areas is usually demonstrated through the completion of appropriate graduate courses in each area through a program accredited by the Association to Advance Collegiate Schools of Business (AACSB International).

Competence in planning and executing research must be demonstrated in a dissertation. In addition, each candidate must pass a series of comprehensive qualifying examinations, both written and oral, and a separate, final oral examination of the dissertation itself. To enhance teaching skills, all PhD students in residence are required to teach on a

quarter-time or half-time basis for at least one semester while earning the degree.

Outstanding students with master's degrees in any field of study are encouraged to apply. The application for admission to the program is evaluated on the basis of the following:

1. undergraduate and graduate grade-point averages,
2. the score on the Graduate Management Admissions Test,
3. a two- or three-page statement describing research interests,
4. three letters of recommendation,
5. evidence of research potential and
6. a personal interview when feasible.

It is the responsibility of each applicant to ensure that all material related to the above criteria is received by the department.

Faculty

James M. Pappas, PhD—Associate Professor and Head

Professors: Federico Aime, PhD; Thomas H. Stone, PhD

Associate Professors: Raj Basu, PhD; W. Matthew Bowler, PhD; Bryan Edwards, PhD; Rebecca Greenbaum, PhD;

Aaron Hill, PhD; Scott Johnson, PhD; Chalmer E. Labig, Jr., PhD; Andrew L. Urich, JD; Cynthia Wang, PhD

Assistant Professors: Lindsey Greco, PhD; Jason Kiley, PhD; Owen Parker, PhD; Jeanine Porck, PhD; Alexis Washington, PhD

Clinical Faculty: Evan Davis, PhD; Bryan Finch, PhD; Toby Joplin, PhD; Jose Sagarnaga, PhD

Other Faculty: Eve Ash; Ryan Greenbaum; Sylvia Hill; Tara Lockwood; Marla Mahar; Kim McCrackin; Kristina Schaap; James Stapp

Business Sustainability (BUSS), Minor

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Business Student Services, 103 Business, 405-744-2772

Minimum Overall Grade Point Average: 2.00

Total Hours: 16 hours

For minors requiring 27 hours, 18 of the 27 hours must be taken in residence at OSU, and 6 of the 9 hours for the Specific Minor Area must be taken in residence at OSU. Students with majors outside of the SSB may find that some courses will have additional prerequisites. For minors with various required hours, please see specific minor.

Code	Title	Hours
Minor Requirements		
MGMT 3011	Business, Government and Society	1
MGMT 3013	Fundamentals of Management (S)	3
MGMT 4033	Management of Sustainable Enterprises	3
MGMT 4083	Corporate and Social Responsibility	3
Select 6 hours of the following:		6
ACCT 2003	Fundamentals of Accounting	
ECON 2003	Introduction to Economics	
FIN 3113	Finance	
LSB 3213	Legal and Regulatory Environment of Business	
MKTG 3213	Marketing (S)	

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive, of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following minor requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://stw.sp.okstate.edu/policies/Shared%20Documents/Requirements%20for%20Undergraduate%20and%20Graduate%20Minors.pdf>).

Human Resource Management (HRM), Minor

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Business Student Services, 103 Business, 405-744-2772

Minimum Overall Grade Point Average: 2.00

Total Hours: 16 hours

For minors requiring 27 hours, 18 of the 27 hours must be taken in residence at OSU, and 6 of the 9 hours for the Specific Minor Area must be taken in residence at OSU. Students with majors outside of the SSB may find that some courses will have additional prerequisites. For minors with various required hours, please see specific minor.

Code	Title	Hours
Minor Requirements		
MGMT 3011	Business, Government and Society	1
MGMT 3013	Fundamentals of Management (S)	3
MGMT 3313	Human Resource Management	3
MGMT 4133	Total Rewards	3
MGMT 4153	Talent Development	3
MGMT 4813	Talent Acquisition	3

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive, of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following minor requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://stw.sp.okstate.edu/policies/Shared%20Documents/Requirements%20for%20Undergraduate%20and%20Graduate%20Minors.pdf>).

Management (MGMT), Minor

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Business Student Services, 103 Business, 405-744-2772

Minimum Overall Grade Point Average: 2.00

Total Hours: 16 hours

For minors requiring 27 hours, 18 of the 27 hours must be taken in residence at OSU, and 6 of the 9 hours for the Specific Minor Area must be taken in residence at OSU. Students with majors outside of the SSB may find that some courses will have additional prerequisites. For minors with various required hours, please see specific minor.

Code	Title	Hours
Minor Requirements		
MGMT 3011	Business, Government and Society	1
MGMT 3013	Fundamentals of Management (S)	3
MGMT 3123	Managing Behavior and Organizations	3
MGMT 3313	Human Resource Management	3
MGMT 4073	Management and Ethical Leadership	3
Select 3 hours of any upper division MGMT		3

Other Requirements

- 10 of the 16 hours must be taken at OSU.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive, of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following minor requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://stw.sp.okstate.edu/policies/Shared%20Documents/Requirements%20for%20Undergraduate%20and%20Graduate%20Minors.pdf>).

Management, BSBA

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 784)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
<i>American History & Government</i>		
HIST 1103	Survey of American History	3
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1513	College Algebra (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
MATH 2103	Business Calculus (A) ¹	3
MGMT 3013	Fundamentals of Management (S) ^{1,2}	3
MKTG 3213	Marketing (S) ^{1,2}	3
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Business Freshman Seminar</i>		
BADM 1111	Business First Year Seminar	1
<i>Career Planning for Business Success</i>		
BADM 2111	Career Planning for Business Success ¹	1
<i>Professional Development for Business Development</i>		
BADM 3111	Professional Development for Business Success ¹	1
Hours Subtotal		3
Major Requirements		
A minimum GPA of 2.00 is required in these 61 hours		
<i>Common Body</i> ²		
ACCT 2003	Fundamentals of Accounting	3
BADM 3113	Interpersonal Skills ¹	3
ECON 2003	Introduction to Economics ¹	3

EEE 2023	Introduction to Entrepreneurship	3
FIN 3113	Finance	3
LSB 3213	Legal and Regulatory Environment of Business	3
MGMT 4513	Strategic Management	3
MSIS 2103	Business Computer Concepts and Applications	3
MSIS 3223	Operation Analytics	3

Management Major Requirements

A GPA of 2.00 is required in these 34 hours of Management Major Requirements

17 of these 34 hours must be in residence at OSU

MGMT 3011	Business, Government and Society	1
MGMT 3123	Managing Behavior and Organizations	3
MGMT 3313	Human Resource Management	3
MGMT 4073	Management and Ethical Leadership	3
or MGMT 4083	Corporate and Social Responsibility	

Select 12 hours Upper-division MGMT courses 12

Select one of the following: 3

BCOM 3113	Written Communication	
BCOM 3443	Business Communication for International Students	

ENGL 3323 Technical Writing

BCOM 3223 Oral Communication 3

or SPCH 3723 Business and Professional Communication

Select 6 hours from upper-division business courses 6

Hours Subtotal 61

Electives

Select 16 hours 16

May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

Hours Subtotal 16

Total Hours 120

¹ Courses also meet College and Departmental Requirements and cannot be waived with an Associate's degree.

² MGMT 3013 Fundamentals of Management (S) and MKTG 3213 Marketing (S) are common body requirements, but are counted in general education requirements.

Other Requirements

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2023.

Management: Business Sustainability, BSBA

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 784)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
<i>American History & Government</i>		
HIST 1103	Survey of American History	3
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1513	College Algebra (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
MATH 2103	Business Calculus (A) ¹	3
MGMT 3013	Fundamentals of Management (S) ^{1,2}	3
MKTG 3213	Marketing (S) ^{1,2}	3
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Business Freshman Seminar</i>		
BADM 1111	Business First Year Seminar	1
<i>Career Planning for Business Success</i>		
BADM 2111	Career Planning for Business Success ¹	1
<i>Professional Development for Business Development</i>		
BADM 3111	Professional Development for Business Success ¹	1
Hours Subtotal		3
Major Requirements		
A minimum GPA of 2.00 is required in these 61 hours		
<i>Common Body</i> ²		
ACCT 2003	Fundamentals of Accounting	3

BADM 3113	Interpersonal Skills ²	3
ECON 2003	Introduction to Economics	3
EEE 2023	Introduction to Entrepreneurship	3
FIN 3113	Finance	3
LSB 3213	Legal and Regulatory Environment of Business	3
MGMT 4513	Strategic Management	3
MSIS 2103	Business Computer Concepts and Applications	3
MSIS 3223	Operation Analytics	3
<i>Business Sustainability Major Requirements</i>		
A GPA of 2.00 is required in these 34 hours of Business Sustainability Major		
17 of these 34 hours must be in residence at OSU		
MGMT 3011	Business, Government and Society	1
MGMT 3123	Managing Behavior and Organizations	3
MGMT 3313	Human Resource Management	3
MGMT 4033	Management of Sustainable Enterprises	3
MGMT 4073	Management and Ethical Leadership	3
MGMT 4083	Corporate and Social Responsibility	3
Select 6 hours upper-division MGMT courses		6
Select one of the following:		3
BCOM 3113	Written Communication	
BCOM 3443	Business Communication for International Students	
ENGL 3323	Technical Writing	
BCOM 3223	Oral Communication	3
or SPCH 3723	Business and Professional Communication	
Select 6 hours of the following:		6
ECON 3613	International Economic Relations (S)	
ECON 3903	Economics of the Environment	
EEE 4403	Social Entrepreneurship	
EEE 4603	Entrepreneurship Empowerment in South Africa (I)	
MGMT 4093	Management of Nonprofit Organizations	
MGMT 4613	International Management (I)	
MKTG 3333	Nonprofit Marketing	
MKTG 3993	International Business (I)	
MKTG 4443	Social Issues in the Marketing Environment	
MKTG 4553	International Marketing	
ARCH 4233	Sustainable Design in Architecture	
BOT 3253	Environment and Society (N)	
Hours Subtotal		61
Electives		
Select 16 hours		16
May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.		
Hours Subtotal		16
Total Hours		120

- ¹ Courses also meet College and Departmental Requirements and cannot be waived with an Associate's degree.
- ² MGMT 3013 Fundamentals of Management (S) and MKTG 3213 Marketing (S) are common body requirements, but are counted in general education requirements.

Other Requirements

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2023.

Management: Human Resource Management, BSBA

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 784)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
<i>American History & Government</i>		
HIST 1103	Survey of American History	3
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1513	College Algebra (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
MATH 2103	Business Calculus (A) ¹	3
MGMT 3013	Fundamentals of Management (S) ^{1,2}	3
MKTG 3213	Marketing (S) ^{1,2}	3
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Business Freshman Seminar</i>		
BADM 1111	Business First Year Seminar	1
<i>Career Planning for Business Success</i>		
BADM 2111	Career Planning for Business Success ¹	1
<i>Professional Development for Business Development</i>		
BADM 3111	Professional Development for Business Success ¹	1
Hours Subtotal		3
Major Requirements		
A minimum GPA of 2.00 is required in these 61 hours		
<i>Common Body</i> ²		
ACCT 2003	Fundamentals of Accounting ¹	3

BADM 3113	Interpersonal Skills ¹	3
ECON 2003	Introduction to Economics ¹	3
EEE 2023	Introduction to Entrepreneurship	3
FIN 3113	Finance	3
LSB 3213	Legal and Regulatory Environment of Business	3
MGMT 4513	Strategic Management	3
MSIS 2103	Business Computer Concepts and Applications	3
MSIS 3223	Operation Analytics	3
<i>Human Resource Management Major Requirements</i>		
A GPA of 2.20 is required in these 34 hours of Human Resource Management Major Requirements		
17 of these 34 hours must be in residence at OSU		
MGMT 3011	Business, Government and Society	1
MGMT 3123	Managing Behavior and Organizations	3
MGMT 3313	Human Resource Management	3
MGMT 4073	Management and Ethical Leadership	3
or MGMT 4083	Corporate and Social Responsibility	
MGMT 4133	Total Rewards	3
or MGMT 4153	Talent Development	
MGMT 4813	Talent Acquisition	3
Select one of the following:		3
MGMT 4543	Human Resource Analytics	
STAT 3013	Intermediate Statistical Analysis	
PSYC 3214	Quantitative Methods in Psychology	
Select one of the following:		3
BCOM 3113	Written Communication	
BCOM 3443	Business Communication for International Students	
ENGL 3323	Technical Writing	
BCOM 3223	Oral Communication	3
or SPCH 3723	Business and Professional Communication	
Select 9 hours of the following:		9
LSB 4423	Employment Law (D)	
MGMT 4133	Total Rewards	
MGMT 4153	Talent Development	
MGMT 4213	Managing Diversity in the Workplace (D)	
MGMT 4713	Negotiation Essentials	
Hours Subtotal		61
Electives		
Select 16 hours		16
May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.		
Hours Subtotal		16
Total Hours		120

¹ Courses also meet College and Departmental Requirements and cannot be waived with an Associate's degree.

² MGMT 3013 Fundamentals of Management (S) and MKTG 3213 Marketing (S) are common body requirements, but are counted in general education requirements.

Other Requirements

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2023.

Management: Non-Profit Management, BSBA

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 784)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
<i>American History & Government</i>		
HIST 1103	Survey of American History	3
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1513	College Algebra (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
MATH 2103	Business Calculus (A) ¹	3
MGMT 3013	Fundamentals of Management (S) ^{1,2}	3
MKTG 3213	Marketing (S) ^{1,2}	3
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Business Freshman Seminar</i>		
BADM 1111	Business First Year Seminar	1
<i>Career Planning for Business Success</i>		
BADM 2111	Career Planning for Business Success ¹	1
<i>Professional Development for Business Development</i>		
BADM 3111	Professional Development for Business Success ¹	1
Hours Subtotal		3
Major Requirements		
A minimum GPA of 2.00 is required in these 61 hours		
<i>Common Body</i> ²		
ACCT 2003	Fundamentals of Accounting ¹	3

BADM 3113	Interpersonal Skills ¹	3
ECON 2003	Introduction to Economics ¹	3
EEE 2023	Introduction to Entrepreneurship	3
FIN 3113	Finance	3
LSB 3213	Legal and Regulatory Environment of Business	3
MGMT 4513	Strategic Management	3
MSIS 2103	Business Computer Concepts and Applications	3
MSIS 3223	Operation Analytics	3
<i>Non-Profit Management Major Requirements</i>		
A GPA of 2.00 is required in these 34 hours of Non-Profit Major Requirements		
17 of these 34 hours must be in residence at OSU.		
MGMT 3011	Business, Government and Society	1
MGMT 3123	Managing Behavior and Organizations	3
MGMT 3313	Human Resource Management	3
MGMT 4073	Management and Ethical Leadership	3
or MGMT 4083	Corporate and Social Responsibility	
MGMT 4093	Management of Nonprofit Organizations	3
MGMT 4163	Fundraising for Nonprofit Organizations	3
Select 6 hours Upper-division MGMT courses		6
Select one of the following:		3
BCOM 3113	Written Communication	
BCOM 3443	Business Communication for International Students	
ENGL 3323	Technical Writing	
BCOM 3223	Oral Communication	3
or SPCH 3723	Business and Professional Communication	
Select 6 hours of the following:		6
ECON 3613	International Economic Relations (S)	
ECON 3903	Economics of the Environment	
EEE 4403	Social Entrepreneurship	
EEE 4603	Entrepreneurship Empowerment in South Africa (I)	
MGMT 4083	Corporate and Social Responsibility	
MGMT 4613	International Management (I)	
MKTG 3333	Nonprofit Marketing	
MKTG 3993	International Business (I)	
MKTG 4443	Social Issues in the Marketing Environment	
MKTG 4553	International Marketing	
Hours Subtotal		61
Electives		
Select 16 hours		16
May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.		
Hours Subtotal		16
Total Hours		120

¹ Courses also meet College and Departmental Requirements and cannot be waived with an Associate's degree.

² MGMT 3013 Fundamentals of Management (S) and MKTG 3213 Marketing (S) are common body requirements, but are counted in general education requirements.

Other Requirements

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2023.

Management: Sports Management, BSBA

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 784)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
<i>American History & Government</i>		
HIST 1103	Survey of American History	3
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1513	College Algebra (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
MATH 2103	Business Calculus (A) ¹	3
MGMT 3013	Fundamentals of Management (S) ^{1,2}	3
MKTG 3213	Marketing (S) ^{1,2}	3
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Business Freshman Seminar</i>		
BADM 1111	Business First Year Seminar	1
<i>Career Planning for Business Success</i>		
BADM 2111	Career Planning for Business Success ¹	1
<i>Professional Development for Business Development</i>		
BADM 3111	Professional Development for Business Success ¹	1
Hours Subtotal		3
Major Requirements		
A minimum GPA of 2.00 is required in these 64 hours		
<i>Common Body</i> ²		
ACCT 2003	Fundamentals of Accounting ¹	3

BADM 3113	Interpersonal Skills ¹	3
ECON 2003	Introduction to Economics ¹	3
EEE 2023	Introduction to Entrepreneurship	3
FIN 3113	Finance	3
LSB 3213	Legal and Regulatory Environment of Business	3
MGMT 4513	Strategic Management	3
MSIS 2103	Business Computer Concepts and Applications	3
MSIS 3223	Operation Analytics	3
<i>Sports Management Major Requirements</i>		
A GPA of 2.00 is required in these 37 hours of Sports Management Major Requirements		
18 of these 37 hours must be in residence at OSU		
MGMT 3011	Business, Government and Society	1
MGMT 3123	Managing Behavior and Organizations	3
MGMT 3313	Human Resource Management	3
MGMT 3943	Sports Management	3
MGMT 4073	Management and Ethical Leadership	3
or MGMT 4083	Corporate and Social Responsibility	
MGMT 4743	Advanced Sports Management	3
MGMT 4943	International Sports Management (I)	3
Select 3 hours Upper-division MGMT courses		3
Select one of the following:		3
BCOM 3113	Written Communication	
BCOM 3443	Business Communication for International Students	
ENGL 3323	Technical Writing	
BCOM 3223	Oral Communication	3
or SPCH 3723	Business and Professional Communication	
Select 9 hours of the following:		9
ECON 3513	Labor Economics	
ECON 3723	The Economics of Sport	
LSB 4423	Employment Law (D)	
MGMT 4843	Strategic Sport Management	
MKTG 3323	Consumer and Market Behavior	
MKTG 3433	Promotional Strategy	
MKTG 3473	Professional Selling	
MKTG 3713	Sports Marketing	
MSIS 4943	Decision-Making Tools for Sports Management	
Hours Subtotal		64
Electives		
Select 13 hours		13
May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.		
Hours Subtotal		13
Total Hours		120

¹ Courses also meet College and Departmental Requirements and cannot be waived with an Associate's degree.

² MGMT 3013 Fundamentals of Management (S) and MKTG 3213 Marketing (S) are common body requirements, but are counted in general education requirements.

Other Requirements

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2023.

Nonprofit Management (NPM), Minor

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Business Student Services, 103 Business, 405-744-2772

Minimum Overall Grade Point Average: 2.00

Total Hours: 16 hours

For minors requiring 27 hours, 18 of the 27 hours must be taken in residence at OSU, and 6 of the 9 hours for the Specific Minor Area must be taken in residence at OSU. Students with majors outside of the SSB may find that some courses will have additional prerequisites. For minors with various required hours, please see specific minor.

Code	Title	Hours
Minor Requirements		
MGMT 3011	Business, Government and Society	1
MGMT 3013	Fundamentals of Management (S)	3
MGMT 4093	Management of Nonprofit Organizations	3
MGMT 4163	Fundraising for Nonprofit Organizations	3
Select 6 hours of the following:		6
ACCT 2003	Fundamentals of Accounting	
ECON 2003	Introduction to Economics	
FIN 3113	Finance	
LSB 3213	Legal and Regulatory Environment of Business	
MKTG 3213	Marketing (S)	
RMRT 4943	Grant Writing and Nonprofit Management	

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive, of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following minor requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://stw.sp.okstate.edu/policies/Shared%20Documents/Requirements%20for%20Undergraduate%20and%20Graduate%20Minors.pdf>).

Sports Management (SPMG), Minor

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Business Student Services, 103 Business, 405-744-2772

Minimum Overall Grade Point Average: 2.00

Total Hours: 16 hours

For minors requiring 27 hours, 18 of the 27 hours must be taken in residence at OSU, and 6 of the 9 hours for the Specific Minor Area must be taken in residence at OSU. Students with majors outside of the SSB may find that some courses will have additional prerequisites. For minors with various required hours, please see specific minor.

Code	Title	Hours
Minor Requirements		
MGMT 3011	Business, Government and Society	1
MGMT 3013	Fundamentals of Management (S)	3
MGMT 3943	Sports Management	3
Select 9 hours of the following:		9
MGMT 3963	Social Issues in Sports Management	
MGMT 4743	Advanced Sports Management	
MGMT 4843	Strategic Sport Management	
MGMT 4943	International Sports Management (I)	

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive, of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following minor requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://stw.sp.okstate.edu/policies/Shared%20Documents/Requirements%20for%20Undergraduate%20and%20Graduate%20Minors.pdf>).

Management Science and Information Systems

Emerging technologies continue to dramatically alter the way business and life is conducted. Those who wish to have a leading role in developing and implementing next generation information systems should consider a career in management information systems, including the sub-fields of data science and information assurance/cybersecurity. The need for knowledgeable workers with expertise in these information systems driven areas will continue to increase at substantial rates for the foreseeable future.

The Department of Management Science and Information Systems offers an undergraduate major in management information systems (MIS) with possible options of data science and information assurance (IA). It also offers graduate studies leading to master's degrees in information assurance (MSIA) and management information systems (MIS). Also, PhD degrees in business administration with an option in MIS, information assurance, management science and operations management can be earned.

Undergraduate degrees in MIS require a common foundation of work in disciplines such as mathematics, statistics, behavioral sciences and communications. A second tier of required work consists of the courses required for all Spears School of Business students such as economics, marketing, accounting and management. The third tier of classes are core MIS courses that develop information technology, data science and cybersecurity expertise in students.

Management Information Systems (MIS)

The MIS degree focuses on the business applications of information technology. This includes emphasizing necessary skills required in the analysis, development, evaluation and implementation of various information and communication technologies critical for today's global organizations. The integration of information technology throughout all aspects of business coupled with the critical need for responsive information systems has created a strong demand for graduates with expertise in information systems and business administration.

Once MIS students satisfy the first two tiers of requirements mentioned above, they will focus on specialized courses in areas such as systems analysis and design, web and mobile app development, database design and management, data science techniques and applications, data communications and cybersecurity, among other relevant areas.

Data Science

The data science option allows developing aptitudes in quantitative tools that are especially critical in today's data-driven organization. Additional course work in statistics, and descriptive, predictive and prescriptive analytics is possible with a Data Science option.

Information Assurance

The Information Assurance option uses the expertise in the department that led OSU to be named a National Center of Academic Excellence in Information Assurance Education and Research by the NSA and the Department of Homeland Security. This option provides students with in-depth study and hands-on analysis of critical organizational issues in information assurance and cybersecurity.

Undergraduate Programs

- Data Science (DS), Minor (p. 1612)
- Information Assurance (IA), Minor (p. 1613)
- Management Information Systems (MIS), Minor (p. 1614)
- Management Information Systems, BSBA (p. 1615)
- Management Information Systems: Data Science, BSBA (p. 1617)
- Management Information Systems: Information Assurance, BSBA (p. 1619)

Graduate Programs

The Department of Management Science and Information Systems offers courses that lead to the completion of the Master of Business Administration (MBA), the Master of Science in information assurance (MSIA), the Master of Science in management information systems (MIS) and the Doctor of Philosophy in business administration (PhD).

The Master of Business Administration (MBA) Degree

(See "Business Administration (p. 1572).")

The Master of Science in Information Assurance (MSIA) Degree

In response to industry's need for skilled and knowledgeable cyber security graduates, Oklahoma State University offers a Master of Science degree in information assurance. This program is offered not only through traditional means to on-campus students but also via distance learning technologies to students at remote locations.

This program prepares graduates for managing the security aspects of today's global firms, developing policies, procedures, and technical expertise to protect their data assets. The graduates of this program are likely to be employed by providers or users of information assurance.

Information Assurance Curriculum

The program curriculum consists of 32-33 credit hours, including eight core courses and three electives. Students may choose either a part-time or full-time sequence. Full-time students can complete the program in one and one-half years while part-time students may complete it in two years.

MSIA degree candidates have the opportunity to develop broad knowledge in specific elective areas chosen to best fit their career aspirations.

Admission Requirements

Qualified graduates of colleges and universities of recognized standards are eligible to seek admission to the OSU Graduate College. Applicants must submit the completed application form to the Graduate College with official transcripts of all academic work and degrees received.

In addition to the OSU Graduate College's standard requirements, the information assurance program admissions committee will consider students' letters of recommendation, GMAT or GRE scores, previous academic performance and telecommunications experience.

Information about the program is available on the Internet at <https://watson.okstate.edu/msia/>

The Master of Science in Management Information Systems (MIS) Degree

This degree program combines strong theoretical concepts with intense hands-on instruction, helping graduates not only to understand business processes and the concepts behind the information systems they work with, but also develop, modify, use and protect these rapidly-changing computing systems through their technical expertise.

The MS in MIS is a 33-34 hour program featuring a core of 25 hours (24 for part time), including a business practicum, plus two options to highlight different interest areas: data science and application development. These options afford the student opportunities to focus on descriptive, predictive and prescriptive analytics as well as software design and implementation.

Admission requirements for the MS in MIS are similar to the admission requirements for the other master's programs in the Spears School of Business. Information about the program is available on the Internet at <http://mis-analytics.okstate.edu>.

Certificate in Health Analytics

There is a dire need for professionals with practical knowledge and skills in health analytics—ones who can convert large data repositories into actionable insight for better decisions to enhance effectiveness and efficiency in the ever more complex and highly competitive health care domain. OSU's internationally ranked MS in MIS program has collaborated with the Center of Health Sciences' MS in Health Care Administration (HCA) program and the Center of Health Systems Integration (CHSI) research center focused on the intersection of health, healthcare, informatics, and analytics/data sciences to create a new, unique interdisciplinary program – a Certificate in Health Analytics.

The program requires taking four courses (each three credit hours, totaling 12 credit hours) of coursework. This certificate program allows for the courses to double-count towards a master's degree and this certificate degree

The Doctor of Philosophy (PhD) Degree

The PhD in business administration program administered through the Department of Management Science and Information Systems provides intensive study in management information systems, management science, operations management and telecommunications management. It prepares the student for significant professional contributions in university teaching and research.

The program is flexible and individually structured to meet the needs and objectives of the candidate. Emphasis is placed on understanding the analytical and theoretical foundations of business administration, applications in the depth area of specialization and development of research capabilities in the discipline.

As prerequisites to the program, all candidates are to have completed appropriate basic courses in calculus and statistics. Likewise, candidates are expected to have a basic competence in the major functional areas of business— accounting, finance, management, management information systems, management science and marketing. Competence in the functional areas is usually attained by documenting that the student has recently completed the appropriate graduate courses in each area through a program accredited by the Association to Advance Collegiate Schools of Business (AACSB International).

Competence in planning and executing research must be demonstrated in a dissertation. In addition, each candidate must pass a series of comprehensive qualifying examinations, written and oral, and a separate, final oral examination of the dissertation. To enhance teaching skills, all PhD students in residence are required to teach on a quarter-time or half-time basis for at least one semester while earning the degree.

Outstanding students with master's degrees in any field of study may apply. The application for admission to the program is evaluated on the basis of the following:

1. undergraduate and graduate grade-point averages,
2. the score on the Graduate Management Admissions Test,
3. a two- or three-page statement describing goals and academic interests,
4. three letters of recommendation,
5. evidence of research potential and
6. a personal interview when feasible.

It is the responsibility of each applicant to ensure that all material related to the above criteria is received by the department.

Faculty

Rick L. Wilson, PhD—Professor and Head

Regents Professors: Dursen Delen, PhD; Ramesh Sharda, PhD

Professors: Ali Amiri, PhD; Nik Dalal, PhD; Jeretta H. Nord, EdD; Rathindra Sarathy, PhD; Mark Weiser, PhD

Associate Professors: David P. Biro, PhD; Jin Kyu Lee, PhD

Assistant Professors: Corey Baham, PhD; Bryan I. Hammer, PhD; Taha Havakhor, PhD; Andy Luse, PhD; Jason Nichols, PhD;

Clinical Faculty: James Burkman, PhD; Fletcher Glancy, PhD

Data Science (DS), Minor

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Business Student Services, 103 Business, 405-744-2772

Minimum Overall Grade Point Average: 2.00

Total Hours: 15 hours

For minors requiring 27 hours, 18 of the 27 hours must be taken in residence at OSU, and 6 of the 9 hours for the Specific Minor Area must be taken in residence at OSU. Students with majors outside of the SSB may find that some courses will have additional prerequisites. For minors with various required hours, please see specific minor.

Code	Title	Hours
Minor Requirements		
MSIS 2103	Business Computer Concepts and Applications	3
MSIS 3223	Operation Analytics	3
MSIS 3233	Management Science - Prescriptive Analytics	3
MSIS 3103	End User Database Systems Design and Management	3
or MSIS 3333	Database Systems Design, Management and Administration	
Select one of the following:		3
MSIS 3243	Managerial Decision Theory	
MSIS 4263	Decision Support and Business Intelligence Applications	
MSIS 4673	Data Visualization	

Other Requirements

- 12 of the 15 hours must be in residence at OSU.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive, of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following minor requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://stw.sp.okstate.edu/policies/Shared%20Documents/Requirements%20for%20Undergraduate%20and%20Graduate%20Minors.pdf>).

Information Assurance (IA), Minor

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Business Student Services, 103 Business, 405-744-2772

Minimum Overall Grade Point Average: 2.00

Total Hours: 15 hours

For minors requiring 27 hours, 18 of the 27 hours must be taken in residence at OSU, and 6 of the 9 hours for the Specific Minor Area must be taken in residence at OSU. Students with majors outside of the SSB may find that some courses will have additional prerequisites. For minors with various required hours, please see specific minor.

Code	Title	Hours
Minor Requirements		
MSIS 2103	Business Computer Concepts and Applications	3
MSIS 4123	Information Assurance Management	3
MSIS 4523	Data Communication Systems	3
Select 6 hours of the following:		6
MSIS 4233	Applied Information Systems Security	
MSIS 4243	Digital Forensics and Auditing	
MSIS 4253	System Certification and Accreditation	
MSIS 4273	Legal and Ethical Issues in Information Systems	

Other Requirements

- 12 of the 15 hours must be taken in residence at OSU.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive, of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following minor requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://stw.sp.okstate.edu/policies/Shared%20Documents/Requirements%20for%20Undergraduate%20and%20Graduate%20Minors.pdf>).

Management Information Systems (MIS), Minor

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Business Student Services, 103 Business, 405-744-2772

Minimum Overall Grade Point Average: 2.00

Total Hours: 15 hours

For minors requiring 27 hours, 18 of the 27 hours must be taken in residence at OSU, and 6 of the 9 hours for the Specific Minor Area must be taken in residence at OSU. Students with majors outside of the SSB may find that some courses will have additional prerequisites. For minors with various required hours, please see specific minor.

Code	Title	Hours
Minor Requirements		
MSIS 2103	Business Computer Concepts and Applications	3
MSIS 2203	Computer Programming for Business	3
MSIS 3333	Database Systems Design, Management and Administration	3
Select 6 hours upper division MSIS excluding MSIS 3223		6

Other Requirements

- 12 of the 15 hours must be in residence at OSU.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive, of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following minor requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://stw.sp.okstate.edu/policies/Shared%20Documents/Requirements%20for%20Undergraduate%20and%20Graduate%20Minors.pdf>).

Management Information Systems, BSBA

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 784)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
<i>American History & Government</i>		
HIST 1103	Survey of American History	3
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1513	College Algebra (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
MATH 2103	Business Calculus (A) ¹	3
MGMT 3013	Fundamentals of Management (S) ^{1,2}	3
MKTG 3213	Marketing (S) ^{1,2}	3
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Business Freshman Seminar</i>		
BADM 1111	Business First Year Seminar	1
<i>Career Planning for Business Success</i>		
BADM 2111	Career Planning for Business Success ¹	1
<i>Professional Development for Business Development</i>		
BADM 3111	Professional Development for Business Success ¹	1
Hours Subtotal		3
Major Requirements		
A minimum GPA of 2.20 is required in these 66 hours		
<i>Common Body</i> ²		
ACCT 2003	Fundamentals of Accounting ¹	3

BADM 3113	Interpersonal Skills ¹	3
ECON 2003	Introduction to Economics ¹	3
EEE 2023	Introduction to Entrepreneurship	3
FIN 3113	Finance	3
LSB 3213	Legal and Regulatory Environment of Business	3
MGMT 4513	Strategic Management	3
MSIS 2103	Business Computer Concepts and Applications	3
MSIS 3223	Operation Analytics	3
<i>Management Information Systems Major Requirements</i>		
A GPA of 2.00 is required in these 39 hours of Management Information Systems Major Requirements		
18 of these 39 hours must be in residence at OSU		
MSIS 2203	Computer Programming for Business	3
MSIS 3363	Advanced Management Information Systems Programming	3
Select one of the following:		3
MSIS 3233	Management Science - Prescriptive Analytics	
MSIS 3243	Managerial Decision Theory	
MSIS 4263	Decision Support and Business Intelligence Applications	
MSIS 4623	Data Science Programming	
MSIS 4713	Scripting Essentials	
MSIS 3333	Database Systems Design, Management and Administration	3
MSIS 4003	Systems Analysis and Design	3
MSIS 4033	Information Systems Project Management and Communication	3
MSIS 4123	Information Assurance Management	3
MSIS 4133	Information Technologies for Electronic Commerce	3
or MSIS 4363	Web Application Development	
MSIS 4523	Data Communication Systems	3
Select 12 hours of the following:		12
ACCT 3103	Intermediate Accounting I	
ACCT 3113	Intermediate Accounting II	
ACCT 3203	Cost Accounting	
ACCT 3603	Accounting Information Systems	
ACCT 4503	Auditing and Assurance Services	
ACCT 4653	Contemporary Integrated Accounting and Business Systems	
CS 2133	Computer Science II	
CS 2351	Unix Programming	
CS 2433	C/C++ Programming	
Any upper-division CS courses except CS 4113 and CS 4883		
ECON 3313	Money and Banking	
ECON 4213	Econometric Methods	
ECON 4223	Business and Economic Forecasting	
FIN 4223	Investments	
FIN 4333	Financial Management	
IEM 4723	Information Systems Design and Development	

MGMT 3313	Human Resource Management	
MKTG 3323	Consumer and Market Behavior	
MKTG 3513	Sales Management	
MKTG 4223	Supply Chain Management	
MKTG 4333	Marketing Research	
MKTG 4773	Services Marketing	
MSIS	any upper division courses	
STAT 3013	Intermediate Statistical Analysis	
STAT 4043	Applied Regression Analysis	
Hours Subtotal		66
Electives		
Select 11 hours		11
May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.		
Hours Subtotal		11
Total Hours		120

¹ Courses also meet College and Departmental Requirements and cannot be waived with an Associate's degree.

² MGMT 3013 Fundamentals of Management (S) and MKTG 3213 Marketing (S) are common body requirements, but are counted in general education requirements.

Other Requirements

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2023.

Management Information Systems: Data Science, BSBA

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 784)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
<i>American History & Government</i>		
HIST 1103	Survey of American History	3
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1513	College Algebra (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
MATH 2103	Business Calculus (A) ¹	3
MGMT 3013	Fundamentals of Management (S) ^{1,2}	3
MKTG 3213	Marketing (S) ^{1,2}	3
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Business Freshman Seminar</i>		
BADM 1111	Business First Year Seminar	1
<i>Career Planning for Business Success</i>		
BADM 2111	Career Planning for Business Success ¹	1
<i>Professional Development for Business Development</i>		
BADM 3111	Professional Development for Business Success ¹	1
Hours Subtotal		3
Major Requirements		
A minimum GPA of 2.20 is required in these 66 hours		
<i>Common Body</i> ²		
ACCT 2003	Fundamentals of Accounting ¹	3

BADM 3113	Interpersonal Skills ¹	3
ECON 2003	Introduction to Economics ¹	3
EEE 2023	Introduction to Entrepreneurship	3
FIN 3113	Finance	3
LSB 3213	Legal and Regulatory Environment of Business	3
MGMT 4513	Strategic Management	3
MSIS 2103	Business Computer Concepts and Applications	3
MSIS 3223	Operation Analytics	3
<i>Management Information Systems Major Requirements</i>		
A GPA of 2.00 is required in these 39 hours of Management Information Systems Major Requirements		
18 of these 39 hours must be in residence at OSU		
MSIS 2203	Computer Programming for Business	3
MSIS 4123	Information Assurance Management	3
MSIS 3333	Database Systems Design, Management and Administration	3
MSIS 3363	Advanced Management Information Systems Programming	3
MSIS 4003	Systems Analysis and Design	3
MSIS 4033	Information Systems Project Management and Communication	3
Select 12 hours of the following:		12
MSIS 3233	Management Science - Prescriptive Analytics	
MSIS 3243	Managerial Decision Theory	
MSIS 4263	Decision Support and Business Intelligence Applications	
MSIS 4623	Data Science Programming	
MSIS 4673	Data Visualization	
Select 9 hours of the following:		9
ACCT 3103	Intermediate Accounting I	
ACCT 3113	Intermediate Accounting II	
ACCT 3203	Cost Accounting	
ACCT 3603	Accounting Information Systems	
ACCT 4653	Contemporary Integrated Accounting and Business Systems	
CS 2133	Computer Science II	
CS 2351	Unix Programming	
CS 2433	C/C++ Programming	
Any upper-division CS courses except CS 4113 and CS 4883		
ECON 4213	Econometric Methods	
ECON 4223	Business and Economic Forecasting	
FIN 4223	Investments	
FIN 4333	Financial Management	
IEM 4103	Introduction to Quality Control	
IEM 4203	Facilities and Material Handling System Design	
IEM 4713	Introduction to Systems Simulation Modeling	
MATH 3013	Linear Algebra	
MATH 4553	Linear and Nonlinear Programming	
MKTG 3323	Consumer and Market Behavior	

MKTG 3513	Sales Management	
MKTG 4223	Supply Chain Management	
MKTG 4333	Marketing Research	
MKTG 4773	Services Marketing	
MSIS	any upper division courses	
STAT 3013	Intermediate Statistical Analysis	
STAT 4033	Engineering Statistics	
STAT 4043	Applied Regression Analysis	
STAT 4053	Statistical Methods I for the Social Sciences (A)	
STAT 4203	Mathematical Statistics I	
STAT 4213	Mathematical Statistics II	
Hours Subtotal		66
Electives		
Select 11 hours		11
May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.		
Hours Subtotal		11
Total Hours		120

¹ Courses also meet College and Departmental Requirements and cannot be waived with an Associate's degree.

² MGMT 3013 Fundamentals of Management (S) and MKTG 3213 Marketing (S) are common body requirements, but are counted in general education requirements.

Other Requirements

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2023.

Management Information Systems: Information Assurance, BSBA

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 784)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
<i>American History & Government</i>		
HIST 1103	Survey of American History	3
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1513	College Algebra (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
MATH 2103	Business Calculus (A) ¹	3
MGMT 3013	Fundamentals of Management (S) ^{1,2}	3
MKTG 3213	Marketing (S) ^{1,2}	3
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Business Freshman Seminar</i>		
BADM 1111	Business First Year Seminar	1
<i>Career Planning for Business Success</i>		
BADM 2111	Career Planning for Business Success ¹	1
<i>Professional Development for Business Development</i>		
BADM 3111	Professional Development for Business Success ¹	1
Hours Subtotal		3
Major Requirements		
A minimum GPA of 2.20 is required in these 66 hours		
<i>Common Body</i> ²		
ACCT 2003	Fundamentals of Accounting ¹	3

BADM 3113	Interpersonal Skills ¹	3
ECON 2003	Introduction to Economics ¹	3
EEE 2023	Introduction to Entrepreneurship	3
FIN 3113	Finance	3
LSB 3213	Legal and Regulatory Environment of Business	3
MGMT 4513	Strategic Management	3
MSIS 2103	Business Computer Concepts and Applications	3
MSIS 3223	Operation Analytics	3
<i>Management Information Systems Major Requirements</i>		
A GPA of 2.00 is required in these 39 hours of Management Information Systems Major Requirements		
18 of these 39 hours must be in residence at OSU		
MSIS 2203	Computer Programming for Business	3
MSIS 3363	Advanced Management Information Systems Programming	3
Select one of the following:		3
MSIS 3233	Management Science - Prescriptive Analytics	
MSIS 3243	Managerial Decision Theory	
MSIS 4263	Decision Support and Business Intelligence Applications	
MSIS 4623	Data Science Programming	
MSIS 4713	Scripting Essentials	
MSIS 4133	Information Technologies for Electronic Commerce	3
or MSIS 4363	Web Application Development	
MSIS 3333	Database Systems Design, Management and Administration	3
MSIS 4003	Systems Analysis and Design	3
MSIS 4033	Information Systems Project Management and Communication	3
MSIS 4123	Information Assurance Management	3
MSIS 4523	Data Communication Systems	3
Select 9 hours of the following:		9
MSIS 4233	Applied Information Systems Security	
MSIS 4243	Digital Forensics and Auditing	
MSIS 4253	System Certification and Accreditation	
MSIS 4273	Legal and Ethical Issues in Information Systems	
MSIS 4713	Scripting Essentials	
Select 3 hours of the following:		3
ACCT 3103	Intermediate Accounting I	
ACCT 3113	Intermediate Accounting II	
ACCT 3203	Cost Accounting	
ACCT 3603	Accounting Information Systems	
ACCT 4503	Auditing and Assurance Services	
ACCT 4653	Contemporary Integrated Accounting and Business Systems	
CS 2133	Computer Science II	
CS 2351	Unix Programming	
CS 2433	C/C++ Programming	
Any upper-division CS courses except CS 4113 and CS 4883		

ECON 3313	Money and Banking	
ECON 4213	Econometric Methods	
ECON 4223	Business and Economic Forecasting	
FIN 4223	Investments	
FIN 4333	Financial Management	
IEM 4723	Information Systems Design and Development	
MGMT 3313	Human Resource Management	
MKTG 3323	Consumer and Market Behavior	
MKTG 3513	Sales Management	
MKTG 4223	Supply Chain Management	
MKTG 4333	Marketing Research	
MKTG 4773	Services Marketing	
MSIS	any upper division courses	
STAT 3013	Intermediate Statistical Analysis	
STAT 4043	Applied Regression Analysis	
Hours Subtotal		66
Electives		
Select 11 hours		11
May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.		
Hours Subtotal		11
Total Hours		120

¹ Courses also meet College and Departmental Requirements and cannot be waived with an Associate's degree.

² MGMT 3013 Fundamentals of Management (S) and MKTG 3213 Marketing (S) are common body requirements, but are counted in general education requirements.

Other Requirements

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2023.

School of Accounting

The School of Accounting offers three degree programs in accounting:

1. BS in Business Administration with a major in accounting,
2. MS in accounting and
3. PhD in business administration with emphasis in accounting.

The common objective of the BS and MS in accounting programs is to educate students to commence and continue to develop in a wide range of professional accounting careers. The specific objective of the BS in accounting program is to provide basic conceptual and business knowledge as a foundation for accounting career development; the objective of the MS in accounting is to provide candidates with a greater breadth and depth in accounting than is possible in the BS program, in order to prepare graduates for careers as professional accountants in financial institutions, industry, non-business organizations and public practice.

Students who are considering a professional accounting career should have above-average aptitudes in mathematics and English, disciplined work habits, an interest in working with people and an attitude of service.

Students who have the objective of sitting for the CPA exam in Oklahoma must have a BS degree and are required to complete 150 semester hours consisting of 76 upper-division hours, 30 hours of accounting above introductory accounting (including 3 hours of external auditing), and nine upper-division hours from other business related areas. The Professional Program in Accounting (PPA) is especially designed to enable students to become CPA eligible. The PPA allows students to complete the requirement of 150 hours of education and receive a BS and MS in accounting. The MS in accounting earned at Oklahoma State University satisfies educational requirements for CPA candidates in all jurisdictions of the United States.

Accreditation

The School of Accounting is separately and fully accredited by the Association to Advance Collegiate Schools of Business (AACSB International).

Undergraduate Programs

- Accounting (ACCT), Minor (p. 1622)
- Accounting, BSBA (p. 1623)

Graduate Programs

The Master of Science in Accounting Degree

The specific objective of the MS in accounting is to provide candidates with a greater breadth and depth than is possible in the BS program, in order to prepare graduates for careers as professional accountants in financial institutions, industry, non-business organizations and public practice and to develop judgmental ability in accounting and related areas. Advanced courses provide a theoretical base for insight into significant problems confronting the accounting profession. In addition, a specialty in financial reporting, taxation, management information systems, finance or entrepreneurship is available for interested candidates. The candidate receives assistance from the

faculty in selecting a pattern of courses designed to prepare the student according to the chosen professional goals.

Graduates of recognized colleges and universities whose records indicate adequate intellectual capacity and desirable personal characteristics may qualify for admission. Minimum admission standards are a GMAT score of 550, an undergraduate grade-point average in accounting of 3.25, and an overall grade-point average of 3.0.

Prerequisites

The following courses are required before beginning the MS program: 27 hours of accounting courses and 21 hours of other specified business courses.

The Doctor of Philosophy Degree

The PhD in the Spears School of Business with a major in accounting emphasizes flexibility to meet the particular needs and objectives of individual candidates. The program is designed to provide the highest degree of preparation for the individual student, enabling the student to make significant professional contributions in research, teaching or business or government positions.

Graduates of recognized colleges and universities whose records indicate adequate intellectual capacity and desirable personal characteristics may qualify if they have a good academic record and achieve satisfactory scores on the GMAT. Admission is very competitive.

The PhD program is designed so that a candidate may, at his or her option, specialize in one of the following accounting areas: auditing, managerial accounting, financial accounting systems or taxation. All candidates are required to take a series of seminars that provide an overview of relevant academic literature. These seminars are restricted to PhD candidates. Two minor areas, one of which may be outside the Spears School of Business, are required, in addition to competence in economics and quantitative analysis. The candidate's advisory committee is responsible for assisting in the development of a plan of study encompassing the above areas. Students in residence are required to do teaching or research on a half-time basis while earning the degree.

Faculty

George Krull, PhD, —Professor and Interim Head

Associate Professors: Don Herrmann, PhD; Carol B. Johnson, PhD, CFE; Sandeep Nabar, PhD; William C. Schwartz, PhD, CPA; Angela Spencer, PhD
Assistant Professors: Matthew Bjornsen, PhD; Brad Lawson, PhD, CPA; Leah Muriel, PhD, CPA; Jaclyn Prentice, PhD; CPA; Scott White, PhD, CPA
Clinical Faculty: Rachel Cox, MS, CPA; Rachel Domnick, MS, CPA; Melanie Harvey, MS, CPA; Sarah Johnson, MS, CPA;
 Alyssa Vowell, MBA, CPA

Accounting (ACCT), Minor

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Business Student Services, 103 Business, 405-744-2772

Minimum Overall Grade Point Average: 2.00

Total Hours: 27 hours

For minors requiring 27 hours, 18 of the 27 hours must be taken in residence at OSU, and 6 of the 9 hours for the Specific Minor Area must be taken in residence at OSU. Students with majors outside of the SSB may find that some courses will have additional prerequisites. For minors with various required hours, please see specific minor.

Code	Title	Hours
Minor Requirements		
ACCT 2103	Financial Accounting	3
ACCT 2203	Managerial Accounting	3
ACCT 3103	Intermediate Accounting I	3
Select six hours of upper-division accounting		6
ECON 2103	Introduction to Microeconomics (S)	3
or ECON 2203	Introduction to Macroeconomics	
Select three of the following:		9
LSB 3213	Legal and Regulatory Environment of Business	
FIN 3113	Finance	
MGMT 3013	Fundamentals of Management (S)	
MKTG 3213	Marketing (S)	

Other Requirements

- C or better in each accounting course, 9 of the 15 required accounting hours must be completed at OSU.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive, of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following minor requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://stw.sp.okstate.edu/policies/Shared%20Documents/Requirements%20for%20Undergraduate%20and%20Graduate%20Minors.pdf>).

Accounting, BSBA

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 784)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
<i>American History & Government</i>		
HIST 1103	Survey of American History	3
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1513	College Algebra (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
MATH 2103	Business Calculus (A) ¹	3
MGMT 3013	Fundamentals of Management (S) ^{1,2}	3
MKTG 3213	Marketing (S) ^{1,2}	3
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Business Freshman Seminar</i>		
BADM 1111	Business First Year Seminar	1
<i>Career Planning for Business Success</i>		
BADM 2111	Career Planning for Business Success ¹	1
<i>Professional Development for Business Development</i>		
BADM 3111	Professional Development for Business Success ¹	1
Hours Subtotal		3
Major Requirements		
<i>Common Body</i> ²		
ACCT 2103	Financial Accounting ³	3
ACCT 2203	Managerial Accounting ³	3
BADM 3113	Interpersonal Skills ¹	3
ECON 2103	Introduction to Microeconomics (S)	3

ECON 2203	Introduction to Macroeconomics	3
EEE 2023	Introduction to Entrepreneurship	3
FIN 3113	Finance	3
LSB 3213	Legal and Regulatory Environment of Business	3
MGMT 4513	Strategic Management	3
MSIS 2103	Business Computer Concepts and Applications	3
MSIS 3223	Operation Analytics	3
<i>School of Accounting Major Requirements</i> ³		
A GPA of 2.20 is required in these 39 hours of School of Accounting Major Requirements		
18 of these 39 hours, including 15 of 21 required 3000 and 4000 level accounting hours, must be in residence at OSU		
ACCT 3013	Federal Income Taxation	3
ACCT 3103	Intermediate Accounting I	3
ACCT 3113	Intermediate Accounting II	3
ACCT 3203	Cost Accounting	3
ACCT 3603	Accounting Information Systems	3
ACCT 4133	Advanced Accounting	3
ACCT 4503	Auditing and Assurance Services	3
MSIS 4123	Information Assurance Management	3
BCOM 3113	Written Communication	3
STAT 2023	Elementary Statistics for Business and Economics (A)	3
Select 9 hours of the following:		9
ACCT 4033	Advanced Federal Income Taxation	
ACCT 4553	Ethical Issues in Accounting	
ACCT 4763	International Accounting Abroad	
ACCT 4930	Accounting Projects (2)	
ECON 3023	Managerial Economics	
ECON 3113	Intermediate Microeconomics	
ECON 3313	Money and Banking	
FIN 4113	Financial Markets and Institutions	
FIN 4213	International Financial Management	
FIN 4223	Investments	
FIN 4333	Financial Management	
FIN 4763	Financial Futures and Options Markets	
FIN 4843	Risk Management	
LSB 4323	Law of Commercial Transactions and Debtor-Creditor Relationships	
LSB 4523	Law of Real Property	
LSB 4633	Legal Aspects of International Business Transactions (I)	
MSIS 2203	Computer Programming for Business	
MSIS 3333	Database Systems Design, Management and Administration	
MSIS 4113	Enterprise Systems and Collaborative Commerce	
MSIS 4253	System Certification and Accreditation	
MSIS 4273	Legal and Ethical Issues in Information Systems	
MKTG 4773	Services Marketing	
STAT 3013	Intermediate Statistical Analysis	

Hours Subtotal	72
Electives	
Select 5 hours	5
May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.	
Hours Subtotal	5
<hr/>	
Total Hours	120

- ¹ Courses also meet College and Departmental Requirements and cannot be waived with an Associate's degree.
- ² MGMT 3013 Fundamentals of Management (S) and MKTG 3213 Marketing (S) are common body requirements, but are counted in general education requirements.
- ³ A grade of "C" or better must be earned in each course and in ACCT 2103 Financial Accounting and ACCT 2203 Managerial Accounting.

Other Requirements

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2023.

School of Entrepreneurship

The 21st century is the age of entrepreneurship. It is a time of dynamic change where organizations must be faster, more adaptable and flexible, more aggressive, and more innovative in order to survive. The program in entrepreneurship helps prepare students for the entrepreneurial age. Students are encouraged to recognize and develop their innate entrepreneurial potential, and to apply an entrepreneurial mindset to both their professional and personal lives. The program emphasizes the role of entrepreneurial attitudes and behaviors in a wide variety of contexts, including new start-up ventures, growth-oriented small firms, family firms, non-profit entities, and public sector organizations. Students are further encouraged to apply entrepreneurial thinking and acting within other disciplines, from architecture and engineering to social work and theatre.

Entrepreneurship is approached as opportunity-driven behavior. It is a process where individuals put resources together in new and novel ways to create value. The value created can be for customers in conventional markets, or it can be social value created for the community. The program centers on helping students develop competencies that will enable them to be more entrepreneurial in a wide variety of contexts. Eleven core competencies are emphasized, including recognizing opportunity, assessing opportunity, mastering your creativity, leveraging resources, guerrilla skills, mitigating and managing risk, planning when nothing exists, innovation-developing ideas that work, building and managing social networks, the ability to maintain focus yet adapt, and implementation of something novel or new. A leading-edge entrepreneurship curriculum is built around these competencies.

As a field of study, entrepreneurship helps students see themselves as agents of change, and better equips them to implement creative solutions to emerging opportunities in literally any organizational context. To foster these abilities, the program places considerable emphasis on experiential learning. Innovative experiential opportunities are built into each of the entrepreneurship courses at the undergraduate and master's levels. In addition, the School manages an incubator, where students can start ventures, a campus-wide business Pitch & Poster Competition, and other student engagement initiatives.

In addition to graduate offerings, the program offers an undergraduate major and minor in entrepreneurship as well as a cross-campus program involving the integration of entrepreneurship into other disciplines (e.g., engineering, art, psychology). More information about entrepreneurship at OSU can be found at entrepreneurship.okstate.edu (<http://entrepreneurship.okstate.edu>).

Undergraduate Programs

- Creativity Studies (CRST), Minor (p. 1627)
- Entrepreneurship (EEE), Minor (p. 1628)
- Entrepreneurship, BSBA (p. 1629)

Graduate Programs

The School of Entrepreneurship offers work leading to the Master of Science in Entrepreneurship degree, including both a residency and online program. In addition, concentration in Entrepreneurship is offered as part of the Master of Business Administration. A PhD in business administration with concentration in entrepreneurship is available to prepare students for careers in academia.

The Master of Business Administration (MBA) Degree with Entrepreneurship Concentration

(See "Business Administration (p. 1572)")

Master's in Entrepreneurship

The Master's in Entrepreneurship (MSE) provides a rigorous immersion into the nature of entrepreneurship and the entrepreneurial process. Core content is coupled with a strong commitment to experiential learning. Students are provided the opportunity to start a venture while in the program. The program is a component of the university-wide entrepreneurship emphasis at Oklahoma State University. It is targeted to students with a passion for entrepreneurship in for-profit, non-profit, and public sector contexts.

The master's program consists of 33 credit hours of coursework and can be completed in one calendar year. The application for admission to the program requires:

1. Bachelor's degree,
2. Proposal for a venture,
3. GMAT,
4. Entrepreneurial and other work experience (recommended but not required),
5. three letters of recommendation.

Based on this review, a personal interview is arranged with selected candidates, and then a final acceptance decision is made. Applicants are responsible for ensuring all relevant materials are submitted to the School prior to deadlines. An online version of the program is also available.

The Doctor of Philosophy Degree

The PhD in business administration with concentration in entrepreneurship is primarily focused on producing scholars who will be thought leaders in the discipline of entrepreneurship. The program prepares students primarily for careers in academia. Coordinated by the School of Entrepreneurship, students are given an intense exposure to theory and research methods.

The doctoral program involves sixty credit hours beyond the master's degree, of which approximately forty-two hours are course work, depending upon the student's background, the remaining hours are associated with dissertation work. It is a four-year program, with two years devoted to course work, followed by comprehensive exams and a dissertation proposal, and then the writing and defending of the dissertation. Students complete fifteen hours of core doctoral seminars in entrepreneurship and management, twelve hours of statistics and research methods courses, nine hours of doctoral or equivalent hours in a minor field, and six hours of approved doctoral-level or equivalent electives. Students typically minor in such fields as psychology, sociology, anthropology, public policy, or finance.

Doctoral students are expected to publish while in the program, and also to teach entrepreneurship courses. Faculty mentors work closely with students on research projects while they are in the program, initially involving the student in ongoing research projects, and ultimately working on projects initiated by the student. Students are expected to develop and refine their research interests over the first two years of the program, culminating in the identification of a dissertation topic. The

School of Entrepreneurship, with a world-class cadre of entrepreneurship researchers, is well-positioned to support a wide range of topical areas that fit the student's interests.

Outstanding individuals with master's degrees in any field of study may apply. The application for admission to the program is evaluated based on the following:

1. undergraduate and graduate grade point averages,
2. the student's score on the Graduate Management Admission Test (GMAT),
3. a two- to three-page statement describing career goals, academic interests and research questions that intrigue the applicant,
4. three letters of recommendation, and
5. evidence of research potential.

Based on this review, a personal interview is arranged with selected candidates, and then a final acceptance decision is made. Applicants are responsible for ensuring all relevant materials are submitted to the School prior to deadlines.

Faculty

Bruce Barringer, PhD—Professor and Head

Regent Professor: Robert A. Baron, PhD

Associate Professors: Matthew Rutherford, PhD

Assistant Professor: Per Bylund, PhD

Clinical Faculty: Jonathan Butler, PhD; Richard Gajan, MBA, David Thomison, MBA; Craig Watters, PhD

Other Faculty: Kyle Eastham, MS; Tom Westbrook, PhD

Creativity Studies (CRST), Minor

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Business Student Services, 103 Business, 405-744-2772

Minimum Overall Grade Point Average: 2.50 with no grade below "C."
Total Hours: 18 hours

For minors requiring 27 hours, 18 of the 27 hours must be taken in residence at OSU, and 6 of the 9 hours for the Specific Minor Area must be taken in residence at OSU. Students with majors outside of the SSB may find that some courses will have additional prerequisites. For minors with various required hours, please see specific minor.

Code	Title	Hours
Minor Requirements		
EEE 4663	Imagination in Entrepreneurship	3
EPSY 3063	Creative Processes and Problem Solving	3
EPSY 4063	Exploration of the Creative Experience	3
Select three of the following, with no more than two courses in any department:		9
AMST 3550	The Arts and American Society	
DHM 2003	Problem Solving Strategies	
HDFS 2233	Development of Creative Expression, Play and Motor Skills in Early Childhood	
EEE 1010	Creativity, Innovation and Entrepreneurship	
EEE 1020	Creativity, Innovation and Entrepreneurship II	
EEE 4010	Special Topics in Entrepreneurship	
PHIL 4113	Philosophy and the Arts (H)	

Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive, of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following minor requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://stw.sp.okstate.edu/policies/Shared%20Documents/Requirements%20for%20Undergraduate%20and%20Graduate%20Minors.pdf>).

Entrepreneurship (EEE), Minor

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Department of Entrepreneurship, 104 Business, 405-744-3325

Minimum Overall Grade Point Average: 2.00

Total Hours: 15

For minors requiring 27 hours, 18 of the 27 hours must be taken in residence at OSU, and 6 of the 9 hours for the Specific Minor Area must be taken in residence at OSU. Students with majors outside of the SSB may find that some courses will have additional prerequisites. For minors with various required hours, please see specific minor.

Code	Title	Hours
Minor Requirements		
EEE 2023	Introduction to Entrepreneurship	3
EEE 3023	Introduction to Entrepreneurial Thinking and Behavior	3
Select 9 hours of the following:		9
EEE 4010	Special Topics in Entrepreneurship	
EEE 4113	Dilemmas and Debates in Entrepreneurship	
EEE 4223	Entrepreneurial Marketing	
EEE 4263	Corporate Entrepreneurship	
EEE 4333	Launching a Business: The First 100 Days	
EEE 4403	Social Entrepreneurship	
EEE 4483	Entrepreneurship and New Technologies	
EEE 4533	Growing Small and Family Ventures	
EEE 4610	Entrepreneurship Practicum	
EEE 4653	Venture Capital	
EEE 4663	Imagination in Entrepreneurship	
EEE 4703	Project Management for Entrepreneurship	
EEE 4803	Operating an Entrepreneurial Firm	
ACCT 2103	Financial Accounting	
LSB 4403	Law and Entrepreneurship	
ECON 2103	Introduction to Microeconomics (S)	
FIN 3113	Finance	
MGMT 3013	Fundamentals of Management (S)	
MKTG 3213	Marketing (S)	
MKTG 4973	New Product Development	
MSIS 2103	Business Computer Concepts and Applications	
AGEC 1113	Introduction to Agricultural Economics (S)	
AGEC 3213	Quantitative Methods in Agricultural Economics	
AGEC 3403	Agricultural Small Business Management	
AGEC 3603	Agricultural Finance	
AGEC 4403	Advanced Farm and Ranch Management	
IEM 3503	Engineering Economic Analysis	
IEM 3513	Economic Decision Analysis	
IEM 3523	Engineering Cost Information and Control Systems	
IEM 4913	Senior Design Projects	

BAE 4012	Senior Engineering Design Project I
BAE 4023	Senior Engineering Design Project II
CHE 4124	Chemical Engineering Design I
CIVE 4043	Senior Design
ECEN 4024	Capstone Design
MAE 4344	Design Projects
FPST 4993	Advanced Fire and Safety Problems
MET 4123	Senior Design II

Other Requirements

- Maximum of 6 non-EEE course credit hours.

Additional OSU Requirements Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive, of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following minor requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://stw.sp.okstate.edu/policies/Shared%20Documents/Requirements%20for%20Undergraduate%20and%20Graduate%20Minors.pdf>).

Entrepreneurship, BSBA

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 784)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413	Composition II Critical Analysis and Writing II	3
<i>American History & Government</i>		
HIST 1103	Survey of American History	3
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) College Algebra (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
MATH 2103	Business Calculus (A) ¹	3
MGMT 3013	Fundamentals of Management (S) ^{1,2}	3
MKTG 3213	Marketing (S) ^{1,2}	3
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Business Freshman Seminar</i>		
BADM 1111	Business First Year Seminar	1
<i>Career Planning for Business Success</i>		
BADM 2111	Career Planning for Business Success ¹	1
<i>Professional Development for Business Development</i>		
BADM 3111	Professional Development for Business Success ¹	1
Hours Subtotal		3
Major Requirements		
A GPA of 2.20 is required in these 63 hours		
<i>Common Body</i> ²		
ACCT 2003	Fundamentals of Accounting ¹	3
BADM 3113	Interpersonal Skills ¹	3
ECON 2003	Introduction to Economics ¹	3

EEE 2023	Introduction to Entrepreneurship	3
FIN 3113	Finance	3
LSB 3213	Legal and Regulatory Environment of Business	3
MGMT 4513	Strategic Management	3
MSIS 2103	Business Computer Concepts and Applications	3
MSIS 3223	Operation Analytics	3

Major Requirements

A GPA of 2.00 is required in these 36 hours of Entrepreneurship major requirements

18 of these 36 hours must be in residence at OSU

EEE 3023	Introduction to Entrepreneurial Thinking and Behavior	3
EEE 4223	Entrepreneurial Marketing	3
EEE 4663	Imagination in Entrepreneurship	3
EEE 4653	Venture Capital	3

Select 9 hours of the following:

EEE 1010	Creativity, Innovation and Entrepreneurship	9
EEE 1020	Creativity, Innovation and Entrepreneurship II	
EEE 3020	Business Plan Laboratory	
EEE 3033	Women and Minority Entrepreneurship (D)	
EEE 4090	Study Abroad in Entrepreneurship	
EEE 4123	Entrepreneurship and The Arts	
EEE 4333	Launching a Business: The First 100 Days	
EEE 4403	Social Entrepreneurship	
EEE 4503	Designing, Prototyping, Testing	
EEE 4533	Growing Small and Family Ventures	
EEE 4813	The Entrepreneur: Hero or Villain (H)	
EEE 4010	Special Topics in Entrepreneurship	
EEE 4080	Riata Internship Program	
EEE 4113	Dilemmas and Debates in Entrepreneurship	
EEE 4263	Corporate Entrepreneurship	
EEE 4313	Emerging Enterprise Consulting	
EEE 4483	Entrepreneurship and New Technologies	
EEE 4513	Strategic Entrepreneurial Management	
EEE 4610	Entrepreneurship Practicum	
EEE 4703	Project Management for Entrepreneurship	
EEE 4803	Operating an Entrepreneurial Firm	
LSB 4403	Law and Entrepreneurship	
MKTG 3323	Consumer and Market Behavior	
MKTG 4333	Marketing Research	
MKTG 4973	New Product Development	

Select an additional 15 upper-division hours from fields in the SSB

Hours Subtotal 63

Electives

Select 14 hours 14

May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC

Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours

Hours Subtotal	14
Total Hours	120

- ¹ Courses also meet College and Departmental Requirements and cannot be waived with an Associate's degree.
- ² MGMT 3013 Fundamentals of Management (S) and MKTG 3213 Marketing (S) are common body requirements, but are counted in general education requirements.

Other Requirements

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2023.

School of Marketing and International Business

The School of Marketing and International Business provides two quite significant majors within the Spears School of Business. One of these is marketing. This is an exciting field of study leading to a variety of job opportunities both in the private sector and in not-for-profit organizations. Also, it provides an excellent career path to top management within an organization.

The second major provided by the department is international business. Almost every business has international operations or is affected by events, competitors and conditions in the global economy. This opens career opportunities in the field and prepares one for successful management within the domestic economy.

Marketing

Marketing is concerned with the identification of wants and needs by buyers and the development of products, distribution channels, price and communication methods to satisfy those wants and needs. The buyers may be individuals or organizations, and their buying may include products or services. Since the economic system is dependent on the ability of organizations to match resources with marketplace needs, marketing is gaining in prominence every year.

A marketing graduate will likely be involved in performance and management of many traditional areas of decision-making—sales, advertising, logistics and marketing research. In addition, one frequently assists in product planning, developing marketing information systems and general management. Since these tasks are necessary for all types of organizations, employers of marketing graduates include manufacturers, banks, hospitals, retailers and not-for-profit organizations.

The effective marketing manager must possess a perspective and capability that reflect a three-dimensional program of study:

1. a liberal education in the sciences, humanities, behavioral and social sciences, mathematics and communications;
2. an adequate knowledge of the major functional areas of business and
3. a high-level competency in marketing.

One's liberal education is emphasized during the freshman and sophomore years. The study of the functional areas of business begins in the sophomore year and continues into the junior year. During the junior and senior years, the focus is on marketing. In addition to the introductory course that provides an overview of the field of marketing, the student takes courses in areas such as consumer behavior, promotion, sales management, services marketing, electronic commerce, marketing research, channels and international marketing. While studying marketing, one typically selects courses in other fields such as international business, management, information systems, finance, advertising and public relations to support a particular career choice within the marketing field.

Certificate in Customer – Employee Interaction

Interactions between frontline employees and their customers form the building blocks from which businesses are made. Many undergraduate students join organizations at entry-level positions where the focus is on customer-related activities, including sales, retail, and customer

service. Such training will benefit not only students who upon graduation begin careers in retailing, sales or customer service, but also those who will eventually practice law, medicine, or own their own business where successfully managing customer interactions forms the foundation for success.

The certificate offers a range of courses to give specialized training on effective customer interaction. All required coursework fits within the structure of the marketing undergraduate degree program. Those seeking the certificate will complete 9 hours of required coursework and select another 6 hours of coursework that best fit their particular interests.

International Business

The international business degree is a cross-disciplinary program of study that provides a solid, broad-based foundation of business coupled with the flexibility to tailor the program to the individual students' specific interests. International business majors can choose to focus on specific areas or regions of the world by including geography, history, or political science courses complemented by study of a foreign language important in that region. International Business majors can also increase their knowledge and abilities of a specific business discipline by adding a business minor. For international business students, the world truly is their oyster.

Many international business majors are interested in taking advantage of the opportunities afforded by Oklahoma State University to either study abroad or take an international internship. The Cagle Center is the Spear's School of Business' launching pad for taking short-term, faculty led study abroad trips to exciting locations such as China, England, France, Greece and many other locales. OSU's study abroad office, located in the Union, is a great place to get information about all of the long-term study opportunities available. What will surprise you is the amount of financial assistance for which you can apply. When you stop by the Cagle Center or the OSU study abroad office, make sure to ask about scholarship and grant programs that can make your dreams come true.

To earn an international business degree, you will complete 120 hours of undergraduate coursework. In addition to foundational coursework in accounting, economics, finance, management, management information systems and marketing, you will have the opportunity to take 15 hours of upper division, internationally-focused business courses. See the degree requirements for the international business major for more information.

Undergraduate Programs

- International Business (INBU), Minor (p. 1634)
- International Business, BSBA (p. 1635)
- Marketing (MKTG), Minor (p. 1637)
- Marketing, BSBA (p. 1638)

Graduate Programs

The School of Marketing and International Business offers work leading to the Master of Business Administration, the Master of Business Analytics and the Doctor of Philosophy in business administration degrees. In addition, the School of Marketing and International Business offers work leading to Graduate Certificate in Business Data Mining and Graduate Certificate in Marketing Analytics.

The Master of Business Administration (MBA) Degree

See "Business Administration (p. 1572)."

The Master of Science in Business Analytics Degree

This is an interdisciplinary program that offers hands-on application of data analysis along with a unique blend of coursework in Analytics, Marketing, Statistics, Business, MIS and Industrial Engineering. The structure of the curriculum has been carefully designed in consultation with our advisory board companies to balance the need of understanding quantitative approaches, statistical modeling and machine learning algorithms along with data visualization and exploration, interpretation of results and the ability to apply these results for solving business problems.

The MS in Business Analytics is a 37 hour program featuring a core of 25 hours (18 for part time), including a business practicum. The 12 hours of electives allow students to specialize in areas such as business, statistics, information science or industrial engineering. In addition to the MS in Business Analytics degree, students in this program may also receive the following three certificates depending on elective courses taken, credentials achieved and so on: SAS® and OSU Data Mining Certificate (core level), SAS® and OSU Predictive Analytics Certificate (advanced level) and SAS® and OSU Marketing Data Science Certificate (expert level).

Admission requirements for the MS in Business Analytics are similar to the admission requirements for the other master's programs in the Spears School of Business. Information about the program is available on the Internet at <http://analytics.okstate.edu/msba/>.

The Doctor of Philosophy Degree

The PhD in business administration program through the School of Marketing and International Business provides intensive study in marketing. It prepares the student for significant professional contributions in university teaching and research or staff positions in business or government.

The program is quite flexible and individually structured to meet the needs and objectives of each candidate. The program is designed to create scholars and researchers in the field of marketing. Highly student oriented, the program focuses on training individuals in current marketing theory and research techniques. Collaboration between students and faculty is strongly encouraged.

Program Content

The student will take 15 hours of PhD seminars in marketing. The student must also complete a nine-hour minor in another discipline such as economics, management, sociology or psychology. As support for the major and minor fields of study, extensive course work (normally 18 credit hours) in the area of quantitative/research methodology is required.

As prerequisites to the program, all candidates are to have completed appropriate basic courses in calculus and statistics. Likewise, candidates are expected to have a basic competence in the major functional areas of business— accounting, finance, operations management, organizational theory, economics and marketing. Competence in the functional areas is usually assumed for candidates having recently completed an

appropriate graduate course in each area in an MBA program accredited by the Association to Advance Collegiate Schools of Business (AACSB).

Application Procedure

Outstanding undergraduate or graduate students from any field of study may apply. For those with an MBA, the program will normally consist of two years of course work and two years of dissertation work. For those without a master's degree, the plan of study for the PhD degree will typically allow for the granting of an MBA prior to completion of the PhD degree. Applications for admission to the program are evaluated on the basis of the following:

1. undergraduate and graduate grade-point averages,
2. the score on the Graduate Management Admissions Test or Graduate Record Examination,
3. a two- or three-page statement describing goals and academic interests,
4. three letters of recommendation,
5. evidence of research potential and
6. a personal interview when feasible.

It is the responsibility of each applicant to ensure that all materials related to the above criteria are received by the School of Marketing and International Business. Application forms and detailed explanation of the PhD degree in business administration with an emphasis in marketing are available through the department.

Graduate Certificate in Business Data Mining

This certificate program is designed to help working professionals with technical background who do not want to pursue a full master's degree yet want to acquire data mining or predictive analytics skills by taking a series of courses online. Working professionals admitted in this program can complete coursework in 12-24 months by taking courses online. Those enrolled in the graduate certificate in business data mining may be able transfer the credit hours to the MS in Business Analytics if they choose to apply for admission into the MS degree at a later date. Along with the graduate certificate in business data mining, students in this program may also receive all of the following three certificates (depending on courses taken, credentials achieved, etc.): SAS and OSU Data Mining Certificate (core level), SAS and OSU Predictive Analytics Certificate (advanced level) and SAS and OSU Marketing Data Science Certificate (expert level).

More details about this program (including procedure and admission requirements) are on the website: <http://watson.okstate.edu/datamining/>.

Faculty

Joshua L. Wiener, PhD—Professor and Head

Professors: Todd Arnold, PhD; Tom Brown, PhD; Goutam Chakraborty, PhD; Karen Flaherty-Pappas, PhD;

L. Lee Manzer, PhD; Kevin Voss, PhD

Associate Professors: Xiang Fang, PhD; Marlys Mason, PhD; Ajay Sukhdial, PhD

Assistant Professors: Zachary Arens, PhD; Ji Hoon Jhang, PhD; Kiyeon Lee, PhD; Richie Liu, PhD;

Ted Matherly, PhD; Steven Shepherd, PhD

Clinical Faculty: Aditi Grover, PhD; Miriam McGaugh, PhD

Other Faculty: Don Mitchell; Jerry Rackley

International Business (INBU), Minor

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Business Student Services, 103 Business, 405-744-2772

Minimum Overall Grade Point Average: 2.00

Total Hours: 27

For minors requiring 27 hours, 18 of the 27 hours must be taken in residence at OSU, and 6 of the 9 hours for the Specific Minor Area must be taken in residence at OSU. Students with majors outside of the SSB may find that some courses will have additional prerequisites. For minors with various required hours, please see specific minor.

Code	Title	Hours
Minor Requirements		
MKTG 3993	International Business (I)	3
Select 6 hours of the following:		6
MKTG 4553	International Marketing	
LSB 4633	Legal Aspects of International Business Transactions (I)	
ECON 3613	International Economic Relations (S)	
FIN 4213	International Financial Management	
MGMT 4613	International Management (I)	
MGMT 4943	International Sports Management (I)	
ACCT 4763	International Accounting Abroad	
ACCT 2003	Fundamentals of Accounting	3
or ACCT 2103	Financial Accounting	
ECON 2003	Introduction to Economics	3
or ECON 2103	Introduction to Microeconomics (S)	
Select 9 hours of the following:		9
FIN 3113	Finance	
LSB 3213	Legal and Regulatory Environment of Business	
MGMT 3013	Fundamentals of Management (S)	
MKTG 3213	Marketing (S)	
Select 3 hours of any upper division business class or AGECE 4343.		3

- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following minor requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://stw.sp.okstate.edu/policies/Shared%20Documents/Requirements%20for%20Undergraduate%20and%20Graduate%20Minors.pdf>).

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive, of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).

International Business, BSBA

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 784)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
<i>American History & Government</i>		
HIST 1103	Survey of American History	3
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1513	College Algebra (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
MATH 2103	Business Calculus (A) ¹	3
MGMT 3013	Fundamentals of Management (S) ^{1,2}	3
MKTG 3213	Marketing (S) ^{1,2}	3
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Business Freshman Seminar</i>		
BADM 1111	Business First Year Seminar	1
<i>Career Planning for Business Success</i>		
BADM 2111	Career Planning for Business Success ¹	1
<i>Professional Development for Business Development</i>		
BADM 3111	Professional Development for Business Success ¹	1
Hours Subtotal		3
Major Requirements		
A minimum GPA of 2.00 is required in these 66 hours		
<i>Common Body</i> ²		
ACCT 2003	Fundamentals of Accounting ¹	3
BADM 3113	Interpersonal Skills ¹	3
ECON 2003	Introduction to Economics ¹	3

EEE 2023	Introduction to Entrepreneurship	3
FIN 3113	Finance	3
LSB 3213	Legal and Regulatory Environment of Business	3
MGMT 4513	Strategic Management	3
MSIS 2103	Business Computer Concepts and Applications	3
MSIS 3223	Operation Analytics	3
<i>Major Requirements</i>		
A GPA of 2.00 is required in these 39 hours of International Business Major Requirements		
18 of these 39 hours must be in residence at OSU		
MKTG 3993	International Business (I)	3
MKTG 4550	Problems In Marketing ³	3
Select 12 hours of the following:		12
ACCT 4733	International Accounting	
or ACCT 4763	International Accounting Abroad	
ECON 3613	International Economic Relations (S)	
FIN 4213	International Financial Management	
LSB 4633	Legal Aspects of International Business Transactions (I)	
MGMT 4613	International Management (I)	
MKTG 4553	International Marketing	
Select 6 hours of the following:		6
ECON 4643	International Economic Development (IS)	
GEOG 3053	Introduction to Central Asian Studies (IS)	
GEOG 3133	Political Geography (IS)	
GEOG 3723	Europe (IS)	
GEOG 3733	Russia and Its Neighbors (IS)	
GEOG 3743	Latin America (IS)	
GEOG 3753	Asia (IS)	
GEOG 3763	Africa (IS)	
GEOG 3783	The Middle East (IS)	
GEOG 3793	Australia and the Pacific Realm (IS)	
GEOG 4143	Geography of Travel and Tourism	
HIST 3053	Introduction to Central Asian Studies (IS)	
HIST 3113	Germany Since 1815 (HI)	
HIST 3133	African Diaspora History (H)	
HIST 3163	Russia Since 1861 (HI)	
HIST 3273	Modern Europe Since 1914 (HI)	
HIST 3323	Modern France, 1789-Present (H)	
HIST 3333	History of the Second World War (HI)	
HIST 3343	World War I in Modern European Culture (HI)	
HIST 3413	East Asia Since 1800 (HI)	
HIST 3423	Modern Japan (HI)	
HIST 3433	Modern China (HI)	
HIST 3463	Modern Latin America (HI)	
HIST 4980	Topics in History	
PHIL 3943	Asian Philosophy (HI)	
POLS 3003	The Soviet Union: History, Society and Culture (IS)	
POLS 3033	International Law	

POLS 3053	Introduction to Central Asian Studies (IS)	
POLS 3123	Politics of Russia and Eurasia (I)	
POLS 3143	Politics of Western Europe (I)	
POLS 3163	Politics of Africa (I)	
POLS 3193	Politics In Latin America (IS)	
POLS 3223	Politics Of East Asia	
POLS 3313	Politics Of The Middle East	
POLS 4010	Advanced Topics in International Relations	
POLS 4043	Politics of the Global Economy	
POLS 4053	War And World Politics (I)	
Select an additional 15 hours of upper-division business courses from any field in the Spears School		15
A minor in a selected business field is highly recommended.		
Hours Subtotal		66
Electives		
Select 11 hours		11
May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. 12 credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.		
Hours Subtotal		11
Total Hours		120

- ¹ Courses also meet College and Departmental Requirements and cannot be waived with an Associate's degree.
- ² MGMT 3013 Fundamentals of Management (S) and MKTG 3213 Marketing (S) are common body requirements, but are counted in general education requirements.
- ³ Requirement may only be met by taking MKTG 4550 Problems In Marketing.

Other Requirements

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.
3. The student must indicate language proficiency as evidenced by:
 - a. 9 hours of study of a single modern foreign language with a minimum grade of "C" or,
 - b. study in a foreign country approved by the department head and 6 hours of study of a single modern foreign language with a minimum grade of "C" or
 - c. three hours of intermediate or advanced modern foreign language courses with a minimum grade of "C", or
 - d. passing an approved Oklahoma State University examination.

Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as

these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2023.

Marketing (MKTG), Minor

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Business Student Services, 103 Business, 405-744-2772

Minimum Overall Grade Point Average: 2.00

Total Hours: 15

For minors requiring 27 hours, 18 of the 27 hours must be taken in residence at OSU, and 6 of the 9 hours for the Specific Minor Area must be taken in residence at OSU. Students with majors outside of the SSB may find that some courses will have additional prerequisites. For minors with various required hours, please see specific minor.

Code	Title	Hours
Minor Requirements		
MKTG 3213	Marketing (S)	3
Select 12 hours of any upper division marketing classes		12

Other Requirements

- 12 of the 15 hours must be taken in residence at OSU.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive, of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following minor requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://stw.sp.okstate.edu/policies/Shared%20Documents/Requirements%20for%20Undergraduate%20and%20Graduate%20Minors.pdf>).

Marketing, BSBA

Requirements for Students Matriculating in or before Academic Year 2017-2018. Learn more about University Academic Regulation 3.1 (p. 783).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 784)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
<i>American History & Government</i>		
HIST 1103	Survey of American History	3
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A)	3
or MATH 1513	College Algebra (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
MATH 2103	Business Calculus (A) ¹	3
MGMT 3013	Fundamentals of Management (S) ^{1,2}	3
MKTG 3213	Marketing (S) ^{1,2}	3
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Business Freshman Seminar</i>		
BADM 1111	Business First Year Seminar	1
<i>Career Planning for Business Success</i>		
BADM 2111	Career Planning for Business Success ¹	1
<i>Professional Development for Business Development</i>		
BADM 3111	Professional Development for Business Success ¹	1
Hours Subtotal		3
Major Requirements		
A minimum GPA of 2.00 is required for these 63 hours		
<i>Common Body</i> ²		
ACCT 2003	Fundamentals of Accounting ¹	3
BADM 3113	Interpersonal Skills ¹	3
ECON 2003	Introduction to Economics ¹	3

EEE 2023	Introduction to Entrepreneurship	3
FIN 3113	Finance	3
LSB 3213	Legal and Regulatory Environment of Business	3
MGMT 4513	Strategic Management	3
MSIS 2103	Business Computer Concepts and Applications	3
MSIS 3223	Operation Analytics	3

Major Requirements

A GPA of 2.00 is required in these 36 hours of Marketing Major Requirements

18 of these 36 hours must be in residence at OSU

MKTG 3323	Consumer and Market Behavior	3
MKTG 4333	Marketing Research	3
MKTG 4550	Problems In Marketing ³	3
MKTG 4683	Managerial Strategies in Marketing	3
or MKTG 4693	Marketing Strategy and Customer-Employee Interactions	

Select 12 hours of upper-division marketing electives. 12

Select an additional 12 hours of upper-division courses from any field in the Spears School of Business. 12

Hours Subtotal 63

Electives

Select 14 hours 14

May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

Hours Subtotal 14

Total Hours 120

¹ Courses also meet College and Departmental Requirements and cannot be waived with an Associate's degree.

² MGMT 3013 Fundamentals of Management (S) and MKTG 3213 Marketing (S) are common body requirements, but are counted in general education requirements.

³ Requirement may only be met by taking MKTG 4550 Problems In Marketing.

Other Requirements

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2023.