The required number of credit hours for the MBA degree and consideration of a waiver for GMAT/GRE scores for admission under exceptional circumstances are subject to changes after approval by the OSRHE.

**MS BAnDS**

The MS in Business Analytics and Data Science (MS BAnDS) is a STEM designated program that develops the next generation of analytics and data science professionals to tackle real-world challenges. We use state-of-the-art enterprise level analytics software from multiple vendors such as Alteryx, Azure, Power BI, Tableau, SAS, Snowflake as well as open source software such as Google Colab, Python and R which provide great advantages in the competitive job market.

The MS BAnDS (https://business.okstate.edu/analytics/) program requires 37 credit hours (check our Plan of Study (https://business.okstate.edu/analytics/plan_of_study.html) page for core course details, electives and software used in each core course) and graduates typically find employment (https://business.okstate.edu/analytics/student_placement.html) as data scientists, data/business analysts or consultants, or statistical analysts. It is a 21-months program (for full-time on campus students) of which up to 7 months may be used for internships. Beyond core courses, all students have the choice of specializing in various pre-approved options or, creating a completely customized set of electives to fit their career goals.

**Admissions**

Admissions are decided on a holistic approach with successful candidates meeting the following preferences:

- GMAT or GRE are required with minimum recommended scores above the 51st percentile in each of the test areas.
- Work experience is considered during the application review process and is strongly encouraged for all candidates.

**The Doctor of Philosophy Degree**

The PhD in business administration is an interdepartmental program in the Spears School of Business, including accounting, entrepreneurship, finance, hospitality and tourism management, management science and information systems, marketing and an executive research option. 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, hospitality and tourism management, 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 research methods 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.

In addition, Spears Business offers several specialized masters and graduate certificate programs. Information on these is linked below.

**Masters/Doctoral Degrees**

  - Data Science (Catalog ([http://catalog.okstate.edu/graduate-college/masters-degrees/business-administration-data-sciencemba/](http://catalog.okstate.edu/graduate-college/masters-degrees/business-administration-data-sciencemba/))
  - Economics (Catalog ([http://catalog.okstate.edu/graduate-college/masters-degrees/business-administration-economics-mba/](http://catalog.okstate.edu/graduate-college/masters-degrees/business-administration-economics-mba/))
  - Entrepreneurship (Catalog ([http://catalog.okstate.edu/graduate-college/masters-degrees/business-administration-entrepreneurship-mba/](http://catalog.okstate.edu/graduate-college/masters-degrees/business-administration-entrepreneurship-mba/))
  - Global Marketing (Catalog ([http://catalog.okstate.edu/graduate-college/masters-degrees/business-administration-global-marketing-mba/](http://catalog.okstate.edu/graduate-college/masters-degrees/business-administration-global-marketing-mba/))

- Information Assurance (Catalog ([http://catalog.okstate.edu/graduate-college/masters-degrees/business-administration-information-assurance-mba/](http://catalog.okstate.edu/graduate-college/masters-degrees/business-administration-information-assurance-mba/))
- Marketing Analytics (Catalog ([http://catalog.okstate.edu/graduate-college/masters-degrees/business-administration-marketing-analytics-mba/](http://catalog.okstate.edu/graduate-college/masters-degrees/business-administration-marketing-analytics-mba/))
- Nonprofit Management (Catalog ([http://catalog.okstate.edu/graduate-college/masters-degrees/business-administration-nonprofit-management-mba/](http://catalog.okstate.edu/graduate-college/masters-degrees/business-administration-nonprofit-management-mba/))

  - Corporate Finance (Catalog ([http://catalog.okstate.edu/graduate-college/masters-degrees/accounting-corporate-finance-ms/](http://catalog.okstate.edu/graduate-college/masters-degrees/accounting-corporate-finance-ms/))


- MS in Economics (Overview ([https://go.okstate.edu/graduate-academics/programs/masters/economics-ms.html](https://go.okstate.edu/graduate-academics/programs/masters/economics-ms.html)) / Catalog ([http://catalog.okstate.edu/graduate-college/masters-degrees/business-administration-economics-mba/](http://catalog.okstate.edu/graduate-college/masters-degrees/business-administration-economics-mba/))


  - Cybersecurity (Catalog ([http://catalog.okstate.edu/graduate-college/masters-degrees/management-information-systems-cybersecurity-ms/](http://catalog.okstate.edu/graduate-college/masters-degrees/management-information-systems-cybersecurity-ms/))
• Health Analytics (Catalog [http://catalog.okstate.edu/graduate-college/masters-degrees/management-information-systems-health-analytics-ms/])

• MS in Quantitative Finance (Overview [https://go.okstate.edu/graduate-academics/programs/masters/quantitative-financial-economics-ms.html] / Catalog [http://catalog.okstate.edu/graduate-college/masters-degrees/quantitative-financial-economics-ms/])

• PhD in Business Administration (Overview [https://go.okstate.edu/graduate-academics/programs/phd/business-administration/phd.html])
  • Accounting (Overview [https://go.okstate.edu/graduate-academics/programs/phd/business-administration-accounting/phd.html] / Catalog [http://catalog.okstate.edu/graduate-college/phd/business-administration-accounting-phd.html])
  • Entrepreneurship (Overview [https://go.okstate.edu/graduate-academics/programs/phd/business-administration-entrepreneurship/phd.html] / Catalog [http://catalog.okstate.edu/graduate-college/phd/business-administration-entrepreneurship-phd.html])
  • Finance (Overview [https://go.okstate.edu/graduate-academics/programs/phd/business-administration-finance/phd.html] / Catalog [http://catalog.okstate.edu/graduate-college/phd/business-administration-finance-phd.html])
  • Hospitality and Tourism Management (Overview [https://go.okstate.edu/graduate-academics/programs/phd/business-administration-hospitality-tourism-management/phd.html] / Catalog [http://catalog.okstate.edu/graduate-college/phd/business-administration-hospitality-tourism-management-phd.html])
  • Management Science and Information Systems (Overview [https://go.okstate.edu/graduate-academics/programs/phd/business-administration-management-sciences-information-systems/phd.html] / Catalog [http://catalog.okstate.edu/graduate-college/phd/business-administration-management-sciences-information-systems-phd.html])
  • Management (Overview [https://go.okstate.edu/graduate-academics/programs/phd/business-administration-management-phd.html] / Catalog [http://catalog.okstate.edu/graduate-college/phd/business-administration-management-phd.html])
  • Marketing (Overview [https://go.okstate.edu/graduate-academics/programs/phd/business-administration-marketing/phd.html] / Catalog [http://catalog.okstate.edu/graduate-college/phd/business-administration-marketing-phd.html])
  • PhD in Business for Executives (Overview [https://go.okstate.edu/graduate-academics/programs/phd/business-for-executives/phd.html] / Catalog [http://catalog.okstate.edu/graduate-college/phd/business-for-executives-phd.html])
  • PhD in Economics (Overview [https://go.okstate.edu/graduate-academics/programs/phd/economics/phd.html] / Catalog [http://catalog.okstate.edu/graduate-college/phd/economics-phd.html])

• Business Sustainability (Overview [https://go.okstate.edu/graduate-academics/programs/certificates/business-sustainability.html] / Catalog [http://catalog.okstate.edu/graduate-college/certificate/business-sustainability-gcrt/])

• Entrepreneurship (Overview [https://go.okstate.edu/graduate-academics/programs/certificates/entrepreneurship.html] / Catalog [http://catalog.okstate.edu/graduate-college/certificate/entrepreneurship-gcrt/])

• Finance and Investment Banking (Overview [https://go.okstate.edu/graduate-academics/programs/certificates/finance-investment-banking.html] / Catalog [http://catalog.okstate.edu/graduate-college/certificate/finance-investment-banking-gcrt/])

• General Business (Overview [https://go.okstate.edu/graduate-academics/programs/certificates/general-business.html] / Catalog [http://catalog.okstate.edu/graduate-college/certificate/business-gcrt/])

• Health Analytics (Overview [https://go.okstate.edu/graduate-academics/programs/certificates/health-analytics.html] / Catalog [http://catalog.okstate.edu/graduate-college/certificate/health-analytics-gcrt/])

• Hospitality and Tourism Analytics (Catalog [http://catalog.okstate.edu/graduate-college/catalog/hospitality-tourism-analytics-gcrt/])


• Information Assurance (Overview [https://go.okstate.edu/graduate-academics/programs/certificates/information-assurance.html] / Catalog [http://catalog.okstate.edu/graduate-college/certificate/information-assurance-gcrt/])

• Marketing Analytics (Overview [https://osuonline.okstate.edu/programs/certificates/marketing-analytics.html] / Catalog [http://catalog.okstate.edu/graduate-college/certificate/marketing-analytics-gcrt/])

• Nonprofit Management (Overview [https://go.okstate.edu/graduate-academics/programs/certificates/nonprofit-management.html] / Catalog [http://catalog.okstate.edu/graduate-college/certificate/non-profit-management-gcrt/])

Graduate Certificates