

Graduate Certificates

The Graduate School of Business at the University of Arkansas offers two non-degree programs leading to graduate certificates: Entrepreneurship and Enterprise Systems. Admission and course requirements are described under each tab.

Graduate Certificate in Enterprise Systems

Elizabeth Keiffer
Interim Director
Business Building
ekeiffer@walton.uark.edu

Enterprise Systems Graduate Certificate Program Website (<https://walton.uark.edu/graduate-programs/certificates/>)

The Graduate Certificate in Enterprise Systems is a part-time program offered on campus, blended, and online. It is designed to provide graduate students with knowledge and experience in information systems used in modern enterprise environments. The demand for skilled professionals in information systems continues to outpace the supply of qualified applicants. Students may choose one of three tracks for the Graduate Certificate in Enterprise Systems: Business Analytics, Cybersecurity and Data, or Enterprise Resource Planning. The certificate program is intended to be completed part-time (ordinarily no more than six hours per semester), and is open to individuals with backgrounds in any discipline.

Admission Requirements: The Graduate Certificate in Enterprise Systems is a part-time program open to individuals with backgrounds in any discipline. Students must apply and be admitted to the Graduate School of Business; the GMAT/GRE requirement is waived for the Graduate Certificate in Enterprise Systems degree program. (Students who have earned a GPA 3.5 or better upon completion of the certificate program and subsequently apply to the part-time Master of Information Systems program (Professional M.I.S.) will not be required to submit a test score). Information regarding Graduate School of Business admission requirements can be found earlier in this chapter.

Requirements for the Graduate Certificate in Enterprise Systems: (12 hours)

To receive the Graduate Certificate in Enterprise Systems, students must select one of the tracks below. Students are required to take 9 hours of coursework in the Walton College of Business and 3 hours of electives related to Enterprise Systems in either the Walton College or in another college at the University of Arkansas. Elective courses other than those listed below must be approved by the director of the certificate program. Some elective courses have prerequisites that are not met by courses in the certificate program. Students are advised to check prerequisites prior to enrolling in a course.

Required Course (3 hours)

Choose at least one of the following depending on the track chosen:

ISYS 50103	Data and Cybersecurity
ISYS 51003	Data Analytics Fundamentals
ISYS 52103	ERP Fundamentals

Cybersecurity and Data Track

This track is open to individuals with backgrounds in any discipline and is designed to provide business and non-business graduate students

a foundation to help organizations assess and detect threats while securing and protecting data and data-driven systems against a myriad of threats such as malicious software, hacking, insider threats, and other cybercrimes.

Required Courses (9 hours)

ISYS 50103	Data and Cybersecurity	3
ISYS 50203	Data and System Security	3
ISYS 50403	Cybersecurity, Crime, and Data Privacy Law I	3
Students should choose 3 hours of coursework from among the following:		3
ISYS 50303	Advanced Data and Cybersecurity Management	
ISYS 50503	Cybersecurity, Crime and Privacy Law II	
ISYS 5110V	IT Toolkit & Skills Seminar	
ISYS 51003	Data Analytics Fundamentals	
ISYS 52103	ERP Fundamentals	

Total Hours 12

Business Analytics Track

This track is open to individuals with backgrounds in any discipline and is designed to give business and non-business graduate student's knowledge and experience in the management and use of enterprise data for operations and decision-making. The ability to effectively manage and analyze increasingly large and complex sets of data is highly valued among employers in all disciplines, as "business intelligence" becomes a primary source of competitive advantage in many organizations. Students who complete this track will have a foundation in the effective management and use of relational and dimensional data, the application of statistical decision-making theory, and the exploration and exploitation of data using advanced data mining tools and techniques. Students completing this track may be eligible to receive a certificate endorsed by the SAS Institute.

Required Courses (9 hours)

ISYS 51003	Data Analytics Fundamentals	3
ISYS 55003	Decision Support and Analytics	3
ISYS 58303	Data Management Systems	3
Students should choose 3 hours of coursework from among the following:		3
ISYS 5110V	IT Toolkit & Skills Seminar (this course may not be used for the Master of Information Systems degree)	
ISYS 52103	ERP Fundamentals	
ISYS 54203	Seminar in Systems Development	
ISYS 58403	Seminar in Business Intelligence and Knowledge Management	

Total Hours 12

Enterprise Resource Planning Track

This track is open to individuals with backgrounds in any discipline and is designed to provide business and non-business graduate students a foundation in the effective use, implementation, and customization of Enterprise Resource Planning (ERP) systems. ERP systems support integrated core business processes in nearly every large organization, and knowledge of and experience with these systems are highly valued among employers in all business disciplines. Students who complete this track will have exposure to fundamental principles of ERP and techniques for configuration, implementation, and development of ERP systems.

Students completing this track may be eligible to receive a certificate endorsed by SAP America and the SAP University Alliances Program.

Required Courses (9 hours)

ISYS 52103	ERP Fundamentals	3
ISYS 52203	ERP Configuration and Implementation	3
ISYS 52303	Seminar in ERP Development	3
Students should choose 3 hours of coursework from among the following:		3
ISYS 5110V	IT Toolkit & Skills Seminar (recommended)	
ISYS 51003	Data Analytics Fundamentals	
ISYS 58303	Data Management Systems	

Total Hours 12

Graduate Certificate in Entrepreneurship

The Graduate Certificate in Entrepreneurship is designed to give graduate students a foundation in the core aspects of entrepreneurship they will need to start successful enterprises, to create and promote new products or service offerings in existing organizations, or to engage in social entrepreneurship. Students who complete the Graduate Certificate in Entrepreneurship will have explored the context, tools, and processes of entrepreneurial activity and will have learned how to apply them to commercial and non-commercial enterprises.

Admission Requirements: The Graduate Certificate is open to individuals with backgrounds in any discipline. Students must apply and be admitted to the Graduate School of Business. Refer to the Graduate School of Business admission requirements (<http://catalog.uark.edu/graduatecatalog/business/>).

Requirements for the Graduate Certificate in Entrepreneurship: (12 hours) To receive the Graduate Certificate in Entrepreneurship, students are required to take 9 hours of coursework in the Walton College of Business and 3 hours of electives related to entrepreneurship in either the Walton College or in another college at the University of Arkansas. Elective courses other than those listed below may be approved by the Director of the Certificate program. Some elective courses have prerequisites that are not met by courses in the certificate program. Students are advised to check prerequisites prior to enrolling in a course.

*Students pursuing the Graduate Certificate in Entrepreneurship while completing a master's degree or Ph.D. in Electrical Engineering are required to choose an elective from Electrical Engineering. Likewise, students completing a master's degree in Biomedical Engineering must choose an elective from those listed under Public Health or another relevant course with Biomedical Engineering Program Advisory Committee approval.

Required Courses 9

For business students:

SEVI 53103	Strategic Management
SEVI 53203	New Venture Development
SEVI 54103	New Venture Development II

For non-business students:

SEVI 52103	Business Foundations for Entrepreneurs
SEVI 53203	New Venture Development
SEVI 54103	New Venture Development II

Elective Course * 3

Select one of the following:

Dale Bumpers College of Agricultural, Food, and Life Sciences

AGEC 51403 Financial Management in Agriculture

J. William Fulbright College of Arts & Sciences

ARTS 5960V Fine Arts Gallery Internship

COMM 54003 Organizational Communication Theory

JOUR 50603 Multiculturalism in Advertising and Public Relations

JOUR 53203 Documentary Production I

Walton College of Business

BUSI 5350V Graduate Business Internship

SEVI 53603 Innovation & Creativity

MKTG 54303 Consumer and Market Research

MKTG 55503 New Product Development and Strategy

SEVI 50203 Sustainability in Business

SEVI 58403 Cross-Sector Collaboration for Sustainability

SEVI 59903 Entrepreneurship Practicum

College of Education and Health Professions

ATTR 54703 Administration and Leadership in Athletic Training

PBHL 55303 Theories of Social and Behavioral Determinants of Health

PBHL 55603 Public Health: Practices and Planning

RESM 54603 Sports Facilities Management

College of Engineering

INEG 54503 Systems Engineering and Management

Any 50000 level Electrical Engineering 3 credit course

Graduate School and International Education

MSEN 53803 Research Commercialization and Product Development

Total Hours 12

Graduate Certificate in Healthcare Business Analytics

Admission Requirements: The Graduate Certificate credential is a part-time credential open to individuals with backgrounds in any discipline. Students must apply for the Graduate Certificate credential and be admitted to the Graduate School of Business; the GMAT/GRE requirement is waived for the Graduate Certificate credential. (Students who have earned a GPA of 3.5 or better upon completion of the Graduate Certificate and subsequently apply to the part-time Master of Healthcare Business Analytics and Master of Applied Business Analytics programs will not be required to submit a test score). Information regarding Graduate School of Business admission requirements (<http://catalog.uark.edu/graduatecatalog/business/>) can be found earlier in this chapter.

Students who hold non-immigrant status in the United States in the F-1 or J-1 categories are responsible for coordinating any necessary authorization for employment with the Office of International Students and Scholars (ISS). F-1 and J-1 students are strongly advised to discuss training options with the Certificate Program Director and the ISS office early in their program, and to make themselves aware of limitations and restrictions related to F-1 or J-1 employment authorization benefits.

Required Courses (9 hours)

ESRM 53003	Healthcare Analytics Fundamentals	3
ISYS 55003	Decision Support and Analytics	3

ESRM 58203	Healthcare Business Analytics I	3
Select 3 hours from the following:		3
ISYS 58303	Data Management Systems	
ISYS 58403	Seminar in Business Intelligence and Knowledge Management	
ESRM 58503	Healthcare Business Analytics II	
Total Hours		12