

## Program Change Request

Date Submitted: 04/21/17 10:12 am

Viewing: **ENTSGC : Enterprise Systems Graduate Certificate**

Last approved: 02/03/17 11:25 am

Last edit: 10/17/17 1:11 pm

Changes proposed by: afrizze

Catalog Pages Using this Program [Enterprise Systems \(ENTS\)](#) [Information Systems \(ISYS\)](#)

Submitter:	User ID:	calison	Phone:	575-6731
Program Status	Active			
Academic Level	Graduate			
Type of proposal	Certificate			
Select a reason for this modification				
Making Minor Changes to an Existing Degree (e.g. changing 15 or fewer hours, changing admission/graduation requirements, adding Focused Study)				
Effective Catalog Year	Fall 2018			
College/School Code	Walton College of Business(WCOB)			
Department Code	ISYS			
Program Code	ENTSGC			
Degree	Graduate Certificate			
CIP Code	<b>52.1301</b> <del>52.1201 - Management Science. Management Information Systems, General.</del>			
Program Title	Enterprise Systems Graduate Certificate			
Program Delivery Method	On Campus <b>Online/Web-based</b>			
Is this program interdisciplinary?				
No				
Does this proposal impact any courses from another College/School?				
No				
What are the total hours needed to complete the program?	<b>12</b>			

### In Workflow

1. WCOB Dean Initial
2. GRAD Dean Initial
3. Director of Program Assessment and Review
4. Registrar Initial
5. ISYS Chair
6. WCOB Curriculum Committee
7. WCOB Faculty
8. WCOB Dean
9. Global Campus
10. Provost Review
11. University Course and Program Committee
12. Graduate Committee
13. Faculty Senate
14. Provost Final
15. Provost's Office-- Notification of Approval
16. Registrar Final
17. Catalog Editor Final

### Approval Path

1. 05/02/17 9:02 am Marion Dunagan (mmd001): Approved for WCOB Dean Initial
2. 05/02/17 12:49 pm Patricia Koski (pkoski): Approved for GRAD Dean Initial
3. 05/05/17 4:14 pm Alice Griffin (agriffin): Approved for Director of Program Assessment and Review
4. 05/15/17 4:46 pm Lisa Kulczak (lkulcza): Approved for Registrar Initial
5. 05/15/17 7:56 pm Rajiv Sabherwal (rsabherw): Approved for ISYS Chair
6. 08/21/17 2:36 pm Karen Boston (kboston): Approved for WCOB

### On-line/Web-based Information

Reason for offering Web-based Program **This program was approved for 100% online delivery in 2014. Currently it is being offered in one track as 100% (Business Analytics) and as blended (50 to 99%) in the other two tracks (Enterprise Resource Planning & Information Systems).**

Maximum Class Size for Web-based Courses **25**

Course delivery mode	<b>Method(s)</b>
	<b>Online</b>

Class interaction mode	<b>Method(s):</b> <b>Electronic Bulletin Boards</b>	Curriculum Committee
Percent Online	<b>100% with No Required Campus Component 50-99%</b>	7. 08/30/17 3:33 pm Karen Boston (kboston): Approved for WCOB Faculty
Provide a List of Services Supplied by Consortia Partners or Outsourced Organization	<b>Lynda.com</b>	8. 08/30/17 3:34 pm Karen Boston (kboston): Approved for WCOB Dean
Estimate Costs of the Program over the First 3 Years	<b>no additional costs</b>	9. 10/17/17 1:11 pm Kiersten Bible (kbible): Approved for Global Campus
List Courses Taught by Adjunct Faculty		10. 10/17/17 8:37 pm Terry Martin (tmartin): Approved for Provost Review
Upload Memorandum of Understanding Forms (if required)		11. 10/29/17 3:47 pm Alice Griffin (agriffin): Approved for University Course and Program Committee

**Program Requirements and Description**

Requirements

**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 Master of Information Systems program will not be required to submit a test score). Information regarding Graduate School of Business admission requirements can be found earlier in this chapter.

**History**

1. Mar 16, 2015 by Charlie Alison (calison)
2. Feb 3, 2017 by Charlie Alison (calison)

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

To receive the Graduate Certificate in Enterprise Systems, students must select one of the concentrations below. Students are required to take 9 hours of coursework in the Walton College of Business and 3 hours of electives related to ES 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

for all concentrations

<a href="#">ISYS 5833</a>	Data Management Systems (Sp)	3
or <a href="#">ISYS 5213</a>	ERP Fundamentals (Su, Fa)	

**Enterprise Information Systems Concentration**

This concentration is open to individuals with backgrounds in fields other than Information Systems (IS) and is designed to provide non-IS graduate students with the fundamental knowledge and skills needed to successfully transition to a career in the IS field. Students who complete this concentration will have exposure to fundamental principles of IS, techniques for management and development of IS projects, and effective management and use of relational and dimensional data. Students who successfully complete this concentration may be eligible to receive a certificate endorsed by Microsoft

Required Courses (9 hours)

<a href="#">ISYS 511V</a>	IT Toolkit & Skills Seminar (Irregular) (this course may not be used for the Master of Information Systems Degree)	3
<a href="#">ISYS 5423</a>	Seminar in Systems Development (Fa)	3
<a href="#">ISYS 5833</a>	Data Management Systems (Sp)	3

Elective Course

Students should choose 3 hours of coursework from among the following:

<a href="#">ISYS 5103</a>	<b>Data Analytics Fundamentals (Fa)</b>	<b>3</b>
<a href="#">ISYS 5213</a>	ERP Fundamentals (Su, Fa) (recommended)	
<a href="#">ISYS 5133</a>	E Business Development and Analytics (Fa)	
<a href="#">ISYS 5453</a>	Enterprise Data (Sp)	
<a href="#">ISYS 5933</a>	Global Technology and Analytics Seminar (Su)	

Total Hours

15

**Business Analytics Concentration**

This concentration 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 concentration 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 concentration may be eligible to receive a certificate endorsed by the SAS Institute.

Required Courses (9 hours)

<a href="#">ISYS 5833</a>	Data Management Systems (Sp)	3
or <a href="#">ISYS 5213</a>	ERP Fundamentals (Su, Fa)	
<a href="#">ISYS 5503</a>	Decision Support and Analytics (Fa)	3
<a href="#">ISYS 5843</a>	Seminar in Business Intelligence and Knowledge Management (Sp)	3

Elective Course

Students should choose 3 hours of coursework from among the following: 3

<a href="#">ISYS 5103</a>	<b>Data Analytics Fundamentals (Fa)</b>	<b>3</b>
<a href="#">ISYS 511V</a>	IT Toolkit & Skills Seminar (Irregular) (this course may not be used for the Masters of Information Systems Degree)	
<a href="#">ISYS 5213</a>	ERP Fundamentals (Su, Fa)	
<a href="#">ISYS 5133</a>	E Business Development and Analytics (Fa)	
<a href="#">ISYS 5423</a>	Seminar in Systems Development (Fa)	

Total Hours 15

**Enterprise Resource Planning Concentration**

This concentration 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 concentration will have exposure to fundamental principles of ERP and techniques for configuration, implementation, and development of ERP systems. Students completing this concentration may be eligible to receive a certificate endorsed by SAP America and the SAP University Alliances Program.

Required Courses (9 hours)

<a href="#">ISYS 5213</a>	ERP Fundamentals (Su, Fa)	3
<a href="#">ISYS 5223</a>	ERP Configuration and Implementation (Sp, Fa)	3
<a href="#">ISYS 5233</a>	Seminar in ERP Development (Sp)	3

Elective Course (3 hours)

Students should choose 3 hours of coursework from among the following: 3

<a href="#">ISYS 5103</a>	<b>Data Analytics Fundamentals (Fa)</b>	<b>3</b>
<a href="#">ISYS 511V</a>	IT Toolkit & Skills Seminar (Irregular) (recommended)	
<a href="#">ISYS 5453</a>	Enterprise Data (Sp)	
<a href="#">ISYS 5833</a>	Data Management Systems (Sp)	
<a href="#">ISYS 5933</a>	Global Technology and Analytics Seminar (Su)	
<a href="#">ISYS 5943</a>	<del>Management of Information Technology Seminar (Sp)</del>	

Total Hours 15

	No	Are Similar Programs available in the area?
Estimated Student Demand for Program	NA	
Scheduled Program Review Date	<b>2021-2022 NA</b>	
Program Goals and Objectives	<b>Program Goals and Objectives</b>	
	NA	
Learning Outcomes	<b>Learning Outcomes</b>	
	NA	

Description and justification of the request

Description of specific change	Justification for this change
Minor changes to update description and "update catalog;" incorporate new ISYS 5103 Data Analytics Fundamentals course as an elective.	Updated online delivery percentage to reflect ADHE approval of 100% in 2014, as well as to reflect the fact that two tracks are currently blended delivery of 50-99%.

Upload attachments

Reviewer Comments **Alice Griffin (agriffin) (05/05/17 3:53 pm)**: Changed effective catalog date from fall 2017 to fall 2018. It is too late for request to be approved for this fall. Also updated scheduled program review date via AACSB schedule. In addition, verified with ADHE that the CIP Code of 52.1301 was already approved and program is an approved online graduate certificate. No changes to the program for these two fields.

**Kiersten Bible (kbible) (10/17/17 1:11 pm)**: Updated online delivery percentage to reflect ADHE approval of 100% in 2014, as well as to reflect the fact that two tracks are currently blended delivery of 50-99%.

Key: 20