Date Submitted: 10/26/18 11:38 am

Viewing: **ISYSBS : Information Systems, Bachelor of Science in Business Administration**

Last approved: 03/23/15 2:12 pm

Last edit: 10/30/18 4:48 pm

Changes proposed by: kboston

Catalog Pages Using
this Program
   Information Systems (ISYS)

Submitter: User ID: calison   Phone:
   54622

Program Status   Active

Academic Level   Undergraduate

Type of proposal   Major/Field of Study

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)

Are you adding a concentration?
   No ~~Yes~~

Are you adding a track?
   No

Are you adding a focused study?
   No

Effective Catalog Year   Fall 2019

College/School Code
   Walton College of Business(WCOB)

Department Code

In Workflow

1. **WCOB Dean Initial**
2. **Director of Program Assessment and Review**
3. **Registrar Initial**
4. **Institutional Research**
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. Faculty Senate
13. Provost Final
14. ADE Licensure Approval
15. Provost's Office-- Notification of Approval
16. Registrar Final
17. Catalog Editor Final

Approval Path

1. 10/08/18 5:09 pm Karen Boston (kboston): Approved for WCOB Dean Initial
2. 10/22/18 11:19 am Alice Griffin

Department of Information Systems(ISYS)

Program Code ISYSBS

Degree Bachelor of Science in Business Administration

CIP Code

(agriffin): Rollback
to Initiator

3. 10/26/18 11:50 am
Karen Boston
(kboston):
Approved for WCOB
Dean Initial

4. 10/30/18 4:53 pm
Alice Griffin
(agriffin): Approved
for Director of
Program
Assessment and
Review

5. 11/01/18 12:18 pm
Lisa Kulczak
(lkulcza): Approved
for Registrar Initial

6. 11/05/18 3:15 pm
Gary Gunderman
(ggunderm):
Approved for
Institutional
Research

7. 11/05/18 3:20 pm
Rajiv Sabherwal
(rsabherw):
Approved for ISYS
Chair

8. 11/05/18 3:21 pm
Karen Boston
(kboston):
Approved for WCOB
Curriculum
Committee

9. 11/05/18 3:22 pm
Karen Boston
(kboston):
Approved for WCOB
Faculty

10. 11/05/18 3:22 pm
    Karen Boston
    (kboston):
    Approved for WCOB
    Dean
11. 11/07/18 8:58 am
    Miran Kang (kang):
    Approved for Global
    Campus
12. 11/07/18 9:28 am
    Terry Martin
    (tmartin): Approved
    for Provost Review

History

1. Aug 25, 2014 by
   Charlie Alison
   (calison)
2. Mar 23, 2015 by
   Charlie Alison
   (calison)

52.1301 - Management Science.

Program Title
    Information Systems, Bachelor of Science in Business Administration

Program Delivery
Method
    On Campus

                    Is this program interdisciplinary?
    No

                    Does this proposal impact any courses from another College/School?
    No

What are the total   **120**
hours needed to
complete the
program?

Program Requirements and Description

Requirements

Information Systems Major Requirements

The major in Information Systems requires **27** ~~24~~ hours of major ~~and collateral courses~~ in the discipline as well as satisfying the other requirements for the B.S.B.A. degree. A maximum of **30** ~~27~~ hours is allowed in the Information Systems major or discipline field of study (i.e., core, major, electives) unless the extra courses are part of an interdisciplinary minor. The Information Systems department encourages its majors to seek an interdisciplinary minor. See an adviser for selection of courses.

NOTE: Course requirements in the Information Systems major total **27** ~~24~~ credit hours. Because of prerequisites, students should allow two full years (24 months) to complete this coursework. Prerequisites are strictly enforced.

Course Requirements in the Major for All Concentrations		18
ISYS 2263	Principles of Information Systems	
ISYS 3293	Systems Analysis and Design	
ISYS 3393	Business Application Development Fundamentals	
ISYS 4283	Business Database Systems	
ISYS 4363	Business Project Development	
ISYS 4213	ERP Fundamentals	

Note: These required courses represent a common body of knowledge for all information systems majors. Majors must select one of the following concentrations and must complete nine additional hours of coursework in the elected concentration.

Maximum of 30 hours of ISYS courses in department (core, major, elective). More than 27 hours allowed if the extra courses are part of interdisciplinary minor or collateral track.

Junior/Senior Level Business Electives	9
Concentration Courses	9

1 CSCE 2004 Programming Foundations I is recommended as a general education elective.

8-Semester Plan

Are Similar Programs available in the area?
No

Estimated Student Demand for Program	35

Scheduled Program
Review Date
2021-2022 ~~n/a~~

Program Goals and
Objectives

Program Goals and Objectives
No additional resources are needed beyond the faculty needed to teach the courses. The courses will rely on the technologies available on campus. The additional faculty needs beyond the current faculty will be met through an ongoing search for a clinical assistant professor focusing on analytics and previously requested faculty resources.
This concentration in Information Systems is designed to give information systems students a foundation in 1) the gathering and management of transactional and informational data, 2) statistical methods used in data/business analytics, and 3) the effective application of data mining tools and techniques. Key program components include -
• Analytics – Foundational analytical & statistical techniques to gather, analyze, & interpret information – "What does the data tell us?"
• Data – Store, manage, and present data for decision making – "How do I get the data – big data"
• Data Mining – Move beyond analytics to knowledge discovery and data mining – "Now, let's use the data to build models; putting the data to work"

Learning Outcomes

Learning Outcomes
• Fundamentals of analytics, decision support, and estimation models
• Data management concepts
• Data mining

Description and justification of the request

Description of specific change	Justification for this change

Description of specific change	Justification for this change
Update the major requirements to reflect 24-27 hours depending on concentration. The new Blockchain Enterprise Systems concentration will require 27 hours. The number of junior/senior electives for the Blockchain Enterprise Systems concentration should be changed to 9 hours instead of 12 hours (this text is not visible to change in either the concentration or degree). Update the statement to include "Maximum of 30 hours of ISYS courses in the department (core, major, elective). More than 30 hours allowed if the extra courses are part of interdisciplinary minor or collateral track". Clarify the total number of common hours for each major are 18 hours and the total number of hours for each concentration are 9 hours for a total of 27 hours in Information Systems.	We are updating the ERP curriculum to include blockchains, a current relevant technology affecting enterprise systems.

Upload attachments

Reviewer Comments

Alice Griffin (agriffin) (10/22/18 11:19 am): Rollback: College's request.

Alice Griffin (agriffin) (10/30/18 4:47 pm): Removed collateral language from program description with permission from submitter.

Alice Griffin (agriffin) (10/30/18 4:48 pm): Inserted scheduled program review date.

Key: 115