New Program Proposal

Date Submitted: 10/04/21 9:51 am

Viewing: CYBRUM : Business Cybersecurity Undergraduate MicroCertificate

Last edit: 10/04/21 5:01 pm

Changes proposed by: aellstra

Submitter: 6145	User ID:	aellstra	Phone:

Program Status	Active
Academic Level	Undergraduate
Type of proposal	MicroCertificate
Select a reason for this new program	Adding a New Undergraduate MicroCertificate
Effective Catalog Year	Spring 2022

College/School Code
Walton College of Business (WCOB)

Department Code
Department of Information Systems (ISYS)

Program Code	CYBRUM
Degree	Undergraduate MicroCertificate
CIP Code	

In Workflow

1. **WCOB Dean Initial**
2. **Director of Curriculum Review and Program Assessment**
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. Registrar Final
15. Catalog Editor Final

Approval Path

1. 10/04/21 1:43 pm Alan Ellstrand (aellstra): Approved for WCOB Dean Initial
2. 10/04/21 4:17 pm Alice Griffin (agriffin): Approved for Director of Curriculum Review and Program Assessment

3. 10/04/21 5:02 pm Lisa Kulczak (lkulcza): Approved for Registrar Initial

4. 10/04/21 5:19 pm Doug Miles (dmiles): Approved for Institutional Research

5. 10/04/21 5:29 pm Rajiv Sabherwal (rsabherw): Approved for ISYS Chair

6. 10/04/21 7:34 pm Alan Ellstrand (aellstra): Approved for WCOB Curriculum Committee

7. 10/04/21 7:34 pm Alan Ellstrand (aellstra): Approved for WCOB Faculty

8. 10/04/21 7:35 pm Alan Ellstrand (aellstra): Approved for WCOB Dean

9. 10/05/21 9:22 am Suzanne Kenner (skenner): Approved for Global Campus

10. 10/05/21 9:41 am Ketevan Mamiseishvili (kmamisei): Approved for Provost Review

52.1301 - Management Science.

Program Title

Business Cybersecurity Undergraduate MicroCertificate

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   9
hours needed to
complete the
program?

Program Requirements and Description

Requirements

The undergraduate MicroCertificates in Information Systems are credentials designed to provide undergraduate business students with MicroCertificate in specific IS knowledge areas – Business Analytics, Blockchain, Enterprise Resource Planning (ERP), and Business Cybersecurity. The demand for skilled professionals in information systems continues to outpace the supply of qualified applicants. Each nine-hour MicroCertificate program is open to individuals with backgrounds in any business discipline.

Business Cybersecurity Undergraduate MicroCertificate (9 hours)

To receive the undergraduate Business Cybersecurity MicroCertificate, students are required to take 9 hours of coursework in the Walton College of Business. Students are advised to check prerequisites prior to enrolling in a course:

Required Courses		6
ISYS 4013	Principles of Data and Cybersecurity	
ISYS 4023	Network and Data Security in a Changing World	
Select one course from the following:		3
ISYS 4033	Advanced Information Security Management	
ISYS 4043	Cybersecurity, Crime and Data Privacy Law Fundamentals	
ISYS 4173	Blockchain Fundamentals	
ISYS 4213	ERP Fundamentals	
Total Hours		9

8-Semester Plan

Program Costs

No additional costs--uses existing courses.

Library Resources

No additional library resources needed--uses existing courses.

Instructional
Facilities

No additional facilities needed--uses existing courses.

Faculty Resources

No additional faculty needed--uses existing courses.

List Existing Certificate or Degree Programs
that Support the Proposed Program

Program(s)
ISYSBS - Information Systems, Bachelor of Science in Business Administration

Are Similar Programs available in the area?

No

Estimated Student Demand for Program	N/A

Scheduled Program Review Date	N/A

Program Goals and
Objectives

Program Goals and Objectives
CRITICAL THINKING/PROBLEM SOLVING Students who have completed the Business Cybersecurity Undergraduate MicroCertificate will be able to identify, analyze, compare, and select systems and data to provide solutions to business cybersecurity problems. TECHNICAL COMPETENCE (Discipline Knowledge) Students who have completed the Business Cybersecurity Undergraduate MicroCertificate will be able to develop and implement cybersecurity solutions to business problems.

Learning Outcomes

Learning Outcomes

Learning Outcomes
Learning Objective (CTPS): Students will demonstrate critical thinking and strategic problem solving through classroom projects and/or exams.

Learning Objective (TCDK): Students will demonstrate the ability to design, develop, and utilize cybersecurity solutions appropriately in the context of business applications.

Description and Justification for this request

Description of request	Justification for request
Creation of a Business Cybersecurity MicroCertificate comprised of nine credit hours.	To offer undergraduate students an introduction to the field of Business Cybersecurity and a credential to signal expertise in the area of Business Cybersecurity.

Upload attachments

Reviewer Comments

Lisa Kulczak (lkulcza) (10/04/21 5:01 pm): Clarified with dean's office that students must be in WCOB in order to pursue this microcertificate. Spring 2022 effective date pending completion of approval process in a timely manner.

Key: 880