

## New Program Proposal

Date Submitted: 10/04/21 9:50 am

### Viewing: **BLOCUM : Blockchain Undergraduate MicroCertificate**

Last edit: 10/04/21 4:58 pm

Changes proposed by: aellstra

Submitter:	User ID:	aellstra	Phone:
6145			
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	BLOCUM		
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 4:13 pm  
Alice Griffin (agriffin): Approved for Director of Curriculum Review and Program Assessment

3. 10/04/21 4:58 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 8:52 am  
Suzanne Kenner  
(skenner): Approved  
for Global Campus
10. 10/05/21 9:03 am  
Ketevan  
Mamiseishvili  
(kmamisei):  
Approved for  
Provost Review
11. 10/25/21 3:53 pm  
Alice Griffin

(agriffin): Approved  
for University  
Course and Program  
Committee

52.1301 - Management Science.

Program Title

Blockchain 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

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### 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.

### Blockchain Undergraduate MicroCertificate: (9 hours)

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Requirements: To receive the undergraduate Blockchain 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

[ISYS 4173](#)

Blockchain Fundamentals

3

Select both courses from the following:

- [ISYS 4453](#) Introduction to Blockchain Applications
- [ISYS 4463](#) Blockchain Enterprise Systems Development

Or, one from above and one of the following:

- [ISYS 3273](#) Cryptocurrency
- [ISYS 4013](#) Principles of Data and Cybersecurity
- [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

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### Program Goals and Objectives

#### CRITICAL THINKING/PROBLEM SOLVING

Students who have completed the Blockchain Undergraduate MicroCertificate will be able to apply Blockchain principles to developing business solutions for organizations.

#### TECHNICAL COMPETENCE/DISCIPLINE KNOWLEDGE

Students who have completed the Blockchain Undergraduate MicroCertificate will be able to identify, develop and implement Blockchain solutions in organizations.

#### Learning Outcomes

#### Learning Outcomes

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

Learning Objective (TCDK): Students will demonstrate the ability to design and utilize Blockchain technology appropriately in the context of business organizations.

#### Description and Justification for this request

Description of request	Justification for request
Creation of an Undergraduate MicroCertificate in Blockchain comprised of nine hours.	To offer undergraduate students an introduction to the field of Blockchain and a credential to signal expertise in the study of Blockchain.

#### Upload attachments

#### Reviewer Comments

**Lisa Kulczak (lkulcza) (10/04/21 4:58 pm):** Clarified with dean's office that students must be in WCOB in order to pursue this microcertificate.

**Lisa Kulczak (lkulcza) (10/04/21 4:58 pm):** Spring 2022 effective date pending completion of approval process in a timely fashion.

Key: 878