

## New Program Proposal

Date Submitted: 10/10/19 12:47 pm

Viewing: **FINNMS-DGTC : Finance: Finance and Digital Technology**

Last edit: 10/15/19 5:24 pm

Changes proposed by: kboston

Submitter: User ID: kboston Phone:  
575-4622

Program Status Active

Academic Level Graduate

Type of proposal Concentration

Select a reason for this new program Adding New Concentration

Effective Catalog Year Fall 2020

College/School Code  
Walton College of Business (WCOB)

Department Code  
Department of Finance (FINN)

Program Code FINNMS-DGTC

Degree Master of Science

CIP Code

### In Workflow

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

### Approval Path

1. 10/10/19 12:48 pm  
Karen Boston (kboston):  
Approved for WCOB Dean Initial
2. 10/10/19 1:28 pm  
Pat Koski (pkoski):

- Approved for GRAD  
Dean Initial
3. 10/14/19 4:42 pm  
Alice Griffin  
(agriffin): Approved  
for Director of  
Program  
Assessment and  
Review
  4. 10/14/19 8:30 pm  
Lisa Kulczak  
(lkulcza): Rollback to  
WCOB Dean Initial  
for Registrar Initial
  5. 10/15/19 9:23 am  
Karen Boston  
(kboston):  
Approved for WCOB  
Dean Initial
  6. 10/15/19 9:31 am  
Pat Koski (pkoski):  
Approved for GRAD  
Dean Initial
  7. 10/15/19 11:05 am  
Alice Griffin  
(agriffin): Approved  
for Director of  
Program  
Assessment and  
Review
  8. 10/15/19 5:25 pm  
Lisa Kulczak  
(lkulcza): Approved  
for Registrar Initial
  9. 10/15/19 8:56 pm  
Gary Gunderman  
(ggunderm):  
Approved for  
Institutional  
Research

10. 10/15/19 9:23 pm  
Pu Liu (pliu):  
Approved for FINN  
Chair
11. 10/15/19 9:36 pm  
Karen Boston  
(kboston):  
Approved for WCOB  
Curriculum  
Committee
12. 10/15/19 9:36 pm  
Karen Boston  
(kboston):  
Approved for WCOB  
Faculty
13. 10/15/19 9:37 pm  
Karen Boston  
(kboston):  
Approved for WCOB  
Dean
14. 10/16/19 8:50 am  
Suzanne Kenner  
(skenner): Approved  
for Global Campus
15. 10/16/19 9:31 am  
Terry Martin  
(tmartin): Approved  
for Provost Review
16. 10/25/19 4:57 pm  
Alice Griffin  
(agriffin): Approved  
for University  
Course and Program  
Committee
17. 11/21/19 3:42 pm  
Pat Koski (pkoski):  
Approved for  
Graduate  
Committee

52.0801 - Finance, General.

Program Title

Finance: Finance and Digital Technology

Program Delivery

Method

On Campus

Online/Web-based

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? 30

## On-line/Web-based Information

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Reason for offering

Web-based Program

To provide an opportunity for students to complete the degree in an online format.

Maximum Class Size 20

for Web-based Courses

Course delivery mode

Method(s)
Online

Class interaction mode

Method(s):
Electronic Bulletin Boards
E-mail
Chat

Percent Online

100% with No Required Campus Component

Provide a List of  
Services Supplied by  
Consortia Partners or  
Outsourced  
Organization  
N/A

Estimate Costs of the     N/A  
Program over the  
First 3 Years

List Courses Taught  
by Adjunct Faculty

Upload  
Memorandum of  
Understanding Forms  
(if required)

## Program Requirements and Description

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### Requirements

Core Courses 21

Areas of Concentration 9

Finance and Digital Technology Concentration

Students should select 9 hours from the following list of courses:

<a href="#"><u>ISYS 5103</u></a>	Data Analytics Fundamentals *
<a href="#"><u>ISYS 5133</u></a>	Blockchain and E Business Development
<a href="#"><u>ISYS 5173</u></a>	Blockchain Fundamentals
<a href="#"><u>ISYS 5453</u></a>	Blockchain and Enterprise Data

Total Hours 30

\* Option to take ISYS 5103 Data Analytics Fundamentals as part of the core. Completing the Finance and Digital Technology concentration will make students eligible for the Enterprise Systems Graduate Certificate; Blockchain Enterprise Systems Track.

### Program Costs

No new costs are required for program implementation. Existing resources in Walton will be used. For the new courses, the department has plans to combine courses with slightly different requirements to be able to staff the new course. If the proposed program experiences rapid growth in the number of students, then

resource constraints will be re-evaluated in the future. Marketing and recruiting costs for the program will be supported by the College.

Library Resources

N/A

Instructional

Facilities

N/A

Faculty Resources

Existing faculty in Finance, Accounting, Information Systems, and Supply Chain Management will teach the courses and the department will be conducting a search this academic year to replace one, existing, full-time faculty member position.

List Existing Certificate or Degree Programs that Support the Proposed Program

<b>Program(s)</b>
ENTRGC - Entrepreneurship Graduate Certificate
ACCTMA - Accounting, Master of Accountancy
ECONMA - Economics, Master of Arts
BADMMB - Business Administration, Master of Business Administration
INSYMI - Information Systems, Master of Information Systems

Are Similar Programs available in the area?

No

Estimated Student Demand for Program      10

Scheduled Program Review Date      2021-2022

Program Goals and Objectives

**Program Goals and Objectives**

### Program Goals and Objectives

The Master of Science in Finance is designed for early- to mid-career students who seek advanced education in Finance. The program prepares students to be effective financial management and provide students with cross-functional expertise and focus. In addition to the core courses in Finance, the program includes courses from related disciplines which allow students to specialize in one of four areas: Energy Finance and Risk Management; Finance and Business Analytics; Finance and Digital Technology; and Finance and Supply Chain Management.

### Learning Outcomes

#### Learning Outcomes

The Master of Science in Finance program will guide students through financial modeling and theory to computational practice and cutting-edge tools, providing a thorough training in descriptive, predictive, and prescriptive analytics. Graduates of this program will be armed with a comprehensive knowledge of finance and machine learning methods, optimization, and computing. These finance skills supplemented by “big-data” programming ability will enable our graduates to identify, assess, and seize opportunities for data-driven value creation.

### Description and Justification for this request

Description of request	Justification for request
<p>A new, 30 hour Masters of Science in Finance with concentrations in Energy Finance and Risk Management, Finance and Business Analytics, Finance and Digital Technology and Finance and Supply Chain Management utilizing existing courses within Finance, Information Systems and Supply Chain Management and other Walton programs is proposed. One new course, FINN 5313, Advanced Commercial Banking, is being developed. This is the proposal for the Finance and Digital Technology concentration.</p>	<p>The proposed program will address the currently unfilled demand for new hires in the financial services industry, corporate finance, real estate, banking, energy, and wealth management/advising. We are aware of the need for large numbers of new hires with graduate degrees in Finance as a result of existing relationships, company visits, and recruiting efforts with companies by Finance Department faculty and staff.</p>

### Upload attachments

### Reviewer Comments

**Alice Griffin (agriffin) (10/11/19 12:02 pm):** Inserted into program requirements: Students should select 9 hours from the following list of courses, with permission from the submitter.

**Lisa Kulczak (lkulcza) (10/14/19 8:30 pm):** Rollback: The code for this concentration doesn't make sense in light of the name indicated for the concentration. ISYS is currently being used for Information Systems. Please propose a different 4-letter combination for Finance and Digital Technology.

