

## New Program Proposal

Date Submitted: 10/10/19 12:46 pm

Viewing: **FINNMS-FERM : Finance: Energy**

## Finance and Risk Management Concentration

Last edit: 10/14/19 8:26 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-FERM		
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 8:27 pm  
Lisa Kulczak  
(lkulcza): Approved  
for Registrar Initial
  5. 10/15/19 9:30 am  
Gary Gunderman  
(ggunderm):  
Approved for  
Institutional  
Research
  6. 10/15/19 10:47 am  
Pu Liu (pliu):  
Approved for FINN  
Chair
  7. 10/15/19 11:09 am  
Karen Boston  
(kboston):  
Approved for WCOB  
Curriculum  
Committee
  8. 10/15/19 11:09 am  
Karen Boston  
(kboston):  
Approved for WCOB  
Faculty
  9. 10/15/19 11:11 am  
Karen Boston  
(kboston):  
Approved for WCOB  
Dean

- 10. 10/15/19 11:53 am  
Suzanne Kenner  
(skenner): Approved  
for Global Campus
- 11. 10/16/19 4:04 am  
Terry Martin  
(tmartin): Approved  
for Provost Review

52.0801 - Finance, General.

Program Title

Finance: Energy Finance and Risk Management Concentration

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 30  
hours needed to  
complete the  
program?

## On-line/Web-based Information

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

<b>Method(s):</b>
E-mail
Electronic Bulletin Boards
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 Program over the First 3 Years N/A

List Courses Taught by Adjunct Faculty

Upload Memorandum of Understanding Forms (if required)

## Program Requirements and Description

Requirements

Core Courses 21

Areas of Concentration 9

Energy Finance and Risk Management Concentration

ACCT 5993

Energy Accounting

FINN 5173

Energy Finance and Risk Management

FINN 510V Special Topics in Finance

Course FINN 510V Special Topics in Finance Not Found

Total Hours 30

Students are encouraged to take GARP's Energy Risk Professional (ERP®) certification program.

**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 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>
ENTSGC - Enterprise Systems 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**

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### 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 Energy Finance and Risk Management 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) (10/14/19 4:42 pm):** Course in red has been submitted into approval workflow.