

Program Change Request

Date Submitted: 01/16/20 3:21 pm

Viewing: **FINNBS-FENR : Finance: Energy Finance**

Concentration

Last approved: 04/02/18 8:20 am

Last edit: 04/09/20 1:30 pm

Changes proposed by: kboston

Catalog Pages Using
this Program

[Finance B.S.B.A. with Energy Finance Concentration](#)

[Finance \(FINN\)](#)

Submitter: 7456 User ID: lkulcza Phone:

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/changing Focused Study or Track)

Are you adding a concentration?

No

Are you adding or modifying a track?

No

Are you adding or modifying a focused study?

No

Effective Catalog Year: Fall 2021

College/School Code

In Workflow

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

Approval Path

1. 01/17/20 9:23 am
Karen Boston
(kboston):
Approved for WCOB
Dean Initial
2. 01/21/20 9:49 am
Alice Griffin

Walton College of Business (WCOB)

Department Code

Department of Finance (FINN)

Program Code FINNBS-FENR

Degree Bachelor of Science in Business Administration

CIP Code

(agriffin): Approved
for Director of
Program
Assessment and
Review

3. 01/22/20 5:28 pm
Lisa Kulczak

(lkulcza): Approved
for Registrar Initial

4. 01/23/20 8:13 am
Gary Gunderman
(ggunderm):
Approved for
Institutional
Research

5. 01/27/20 11:38 am
Pu Liu (pliu):
Approved for FINN
Chair

6. 02/05/20 1:43 pm
Karen Boston
(kboston):
Approved for WCOB
Curriculum
Committee

7. 03/03/20 10:31 am
Karen Boston
(kboston):
Approved for WCOB
Faculty

8. 03/03/20 9:39 pm
Jeannie Hulen
(jhulen): Approved
for ARSC Dean

9. 03/25/20 11:48 am
Karen Boston
(kboston):
Approved for WCOB
Dean

10. 03/25/20 12:33 pm
Suzanne Kenner
(skenner): Approved
for Global Campus
11. 03/30/20 10:53 am
Terry Martin
(tmartin): Approved
for Provost Review
12. 03/30/20 3:15 pm
Alice Griffin
(agriffin): Rollback
to WCOB Dean for
University Course
and Program
Committee
13. 04/07/20 1:34 pm
Karen Boston
(kboston):
Approved for WCOB
Dean
14. 04/07/20 2:02 pm
Suzanne Kenner
(skenner): Approved
for Global Campus
15. 04/08/20 9:13 am
Terry Martin
(tmartin): Approved
for Provost Review

History

1. May 13, 2016 by
Lisa Kulczak (lkulcza)
2. May 13, 2016 by
Charlie Alison
(calison)
3. Mar 17, 2017 by
Charlie Alison
(calison)
4. Apr 2, 2018 by Gina
Daugherty

52.0801 - Finance, General.

Program Title

Finance: Energy Finance Concentration

Program Delivery

Method

On Campus

Is this program interdisciplinary?

Yes

College(s)/School(s)

College/School Name

Fulbright College of Arts and Sciences (ARSC)

Does this proposal impact any courses from another College/School?

No

What are the total hours needed to complete the program?

15 na

Program Requirements and Description

Requirements

Requirements for Energy Finance Concentration

If a student selects the Energy Finance concentration, they must take [ACCT 3723](#) and [ACCT 3753](#) as junior/senior business electives in their junior year. Energy Finance students will also be involved in management of the David Carter Adams Energy Sector student managed investment fund and will participate in the premiere Energy Risk Professional (ERP) certification program.

Students must also complete [GEOS 1133](#) /[GEOS 1131L](#) as a university core requirement and [GEOS 4253](#) as one of their general education electives.

Required Courses

FINN 3103	Financial Modeling	3
FINN 4173	Energy Finance	3
ACCT 449V	Course ACCT 449V Not Found	3
ACCT 4883	Energy Accounting	3

Choose 6 hours from the following courses:

6

FINN 3063	Investments
FINN 3603	Corporate Finance
FINN 4133	Advanced Investments
FINN 4233	Advanced Corporate Finance
FINN 3163	Fixed Income Securities I
FINN 3173	Fixed Income Securities II
FINN 4143	Portfolio Management I
FINN 4153	Portfolio Management II

Total Hours

15

8-Semester Plan

Finance B.S.B.A. with Energy Finance Concentration

Eight-Semester Degree Program

Students wishing to follow the eight-semester degree plan should see the [Eight-Semester Degree Policy](#) for university requirements of the program.

If a student selects the Energy Finance concentration, they must take [ACCT 3723](#) and [ACCT 3753](#) as junior senior business electives in their junior year. Energy Finance students will also be involved in the management of the David Carter Adams Energy Sector student managed investment fund and participate in the premiere Energy Risk Professional (ERP) certification program.

Courses in **BOLD** must be taken in the designated semester. Although other courses listed are not required to be completed in the designated sequence, the recommendations below are preferred.

First Year	Units
	Fall Spring
ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013)2	3
MATH 2053 Finite Mathematics2	3
COMM 1313 Public Speaking (ACTS Equivalency = SPCH 1003)2	3
WCOB 1111 Freshman Business Connection2	1
BLAW 2013 The Legal Environment of Business (ACTS Equivalency = BLAW 2003)13	
ISYS 1120 Computer Competency Requirement	0 -
U.S. History or Political Science – University Core	3 -
ISYS 1123 Business Application Knowledge - Computer Competency	3
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023)2	3
ACCT 2013 Accounting Principles2	3
WCOB 1033 Data Analysis and Interpretation2	3
ECON 2023 Principles of Microeconomics (ACTS Equivalency = ECON 2203)2	3
GEOS 1133 Earth Science (ACTS Equivalency = GEOL 1124 Lecture)	4
& GEOS 1131L Earth Science Laboratory (ACTS Equivalency = GEOL 1124 Lab)	
Year Total:	16 16

Year Total:		10	10
Second Year		Units	
		Fall	Spring
ACCT 2023	Accounting Principles II2	3	
ISYS 2103	Business Information Systems1	3	
MATH 2043	Survey of Calculus (ACTS Equivalency = MATH 2203)2	3	
ECON 2013	Principles of Macroeconomics (ACTS Equivalency = ECON 2103)2	3	
Social Science - University Core		3	
SCMT 2103	Integrated Supply Chain Management1		3
MGMT 2103	Managing People and Organizations1		3
FINN 3043	Principles of Finance		3
Fine Arts/Humanities - University Core1			3
Natural Science - University Core1			4
Year Total:		15	16
Third Year		Units	
		Fall	Spring
MKTG 3433	Introduction to Marketing1	3	
FINN 3013	Financial Analysis	3	
GEOS 4253	Petroleum Geology	3	
FINN 3103	Financial Modeling	3	
ACCT 3723	Intermediate Accounting I	3	
FINN 3053	Financial Markets and Institutions		3
ACCT 3753	Intermediate Accounting II		3
FINN 4173	Energy Finance		3
MGMT 3013	Strategic Management		3
Fine Arts/Humanities - University Core			3
Year Total:		15	15
Fourth Year		Units	
		Fall	Spring
FINN 3703	International Finance	3	
ACCT 449V	Course ACCT 449V Not Found	3	-
ACCT 4883	Energy Accounting	3	
Junior Senior Business Elective		3	
Finance Elective		3	
U.S. History or Political Science - University Core		3	
Junior Senior Business Elective			3
Finance Elective			3
General Education Electives			6
Year Total:		15	10

Year Total:

15 12

Total Units in Sequence:

120

Are Similar Programs available in the area?

No

Estimated Student Demand for Program 35

Scheduled Program Review Date NA

Program Goals and Objectives

Program Goals and Objectives

This college major concentration is designed to give finance majors a foundation in 1) energy finance and accounting theory and application; 2) with an intensive corporate and/or investments finance grounding; and 3) focus on meeting the current and future practical needs of the energy and energy service industries, and banking and accounting firms that support these industries, including dealing with changing technology, volatile prices, and risk.

Key program components include –

- Physical fossil fuel market analytics – Oil, gas, coal, and biofuel exploration and production, transportation, refining, and marketing.
- Physical electricity markets – Supply and demand for electricity, and the integration of wind and solar power into electric power grids.
- Financially traded energy products – Mitigation of price, volatility, credit, counterparty, and country risk.
- Accounting for energy issues – Hydrocarbon production, processing, sales, alternative energy, ‘full cost versus successful efforts energy accounting’, joint interest, and energy policy accounting.

Learning Outcomes

Learning Outcomes

Students in this concentration will gain knowledge of and hands-on experience in the following:

- Fundamentals of energy finance and accounting modeling and interpretation
- Corporate and/or investment finance concepts
- Data analysis

Description and justification of the request

Description of specific change	Justification for this change
<ul style="list-style-type: none"> - Add ISYS 1123, Business Application Knowledge to first year, fall semester, 8 semester plan - Delete ISYS 1120, Computer Competency Requirement from first year, fall semester, 8 semester plan - Delete 3 hours of general education elective from third year, fall semester, 8 semester plan - Add US History or Political Science - University Core to fourth year, fall semester, 8 semester plan 	<p>Pre-assessment exam scores for incoming freshmen over the past several years have been consistently indicating that only 4% of incoming freshmen have sufficient IT competency (coming out of their High School program) for Walton College courses. Therefore, most incoming Walton freshmen are required to take ISYS 1123, Business Application Knowledge in lieu of ISYS 1120, Computer Competency Requirement which currently does not count toward their degree. This change deletes ISYS 1120 as a pre-business requirement and incorporates ISYS 1123 as a pre-business and degree requirement. Additionally, reducing the total number of General Education Electives from 12 hours to 9 hours.</p>

Upload attachments

Reviewer Comments

Alice Griffin (agriffin) (01/21/20 9:41 am): Inserted 15 credit hours into the total hours field.

Alice Griffin (agriffin) (01/21/20 9:48 am): Switched out course and changed it to a comment for the US/PLSC University Core credit in the fourth year. This action will remove the red error box. Also, changed the description from the third year to the fourth year regarding the University Core requirement.

Alice Griffin (agriffin) (03/30/20 3:15 pm): Rollback: ACCT 449V has been deleted. Please address discrepancy in program requirements and 8 semester plan.

Karen Boston (kboston) (04/07/20 1:34 pm): Replaced ACCT 499V with ACCT 4883, Energy Accounting in both the program requirements and 8 semester plan.

Alice Griffin (agriffin) (04/09/20 1:30 pm): Changed effective date from fall 2020 to fall 2021. It is too late to complete the approval process for the catalog deadline.