

New Program Proposal

Date Submitted: 07/14/20 1:58 pm

Viewing: **BECA-M : Economic Analytics Minor for Non-Business Students**

Last edit: 08/14/20 3:06 pm

Changes proposed by: kboston

Submitter: User ID: kboston Phone:
5-4622

Program Status Active

Academic Level Undergraduate

Type of proposal Minor

Select a reason for Adding New Minor
this new program

Effective Catalog Year Spring 2021

College/School Code
Walton College of Business (WCOB)

Department Code
Department of Economics (ECON)

Program Code BECA-M

Degree Minor

CIP Code

In Workflow

1. WCOB Dean Initial
2. Director of Program Assessment and Review
3. Registrar Initial
4. Institutional Research
5. ECON 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. 07/20/20 2:51 pm
Karen Boston
(kboston): Approved for WCOB Dean Initial
2. 07/29/20 8:50 am
Alice Griffin
(agriffin): Approved for Director of

- Program
Assessment and
Review
3. 08/14/20 3:07 pm
Lisa Kulczak
(lkulcza): Approved
for Registrar Initial
 4. 08/14/20 3:17 pm
Gary Gunderman
(ggunderm):
Approved for
Institutional
Research
 5. 08/14/20 3:50 pm
Raja Kali (kali):
Approved for ECON
Chair
 6. 09/11/20 12:57 pm
Karen Boston
(kboston): Approved
for WCOB
Curriculum
Committee
 7. 09/11/20 1:00 pm
Karen Boston
(kboston): Approved
for WCOB Faculty
 8. 09/11/20 3:10 pm
Jeannie Hulen
(jhulen): Approved
for ARSC Dean
 9. 09/11/20 3:29 pm
Karen Boston
(kboston): Approved
for WCOB Dean
 10. 09/11/20 4:19 pm
Suzanne Kenner
(skenner): Approved
for Global Campus
 11. 09/17/20 12:59 pm
Terry Martin

(tmartin): Approved
for Provost Review

45.0603 - Econometrics and Quantitative Economics.

Program Title

Economic Analytics Minor for Non-Business Students

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?

Yes

College(s)/School(s)

College/School Name

Fulbright College of Arts and Sciences (ARSC)

What are the total
hours needed to
complete the
program? 24

Program Requirements and Description

Requirements

Requirements for Economic Analytics Minor

ECON 3033	Microeconomic Theory	3
ECON 4743	Introduction to Econometrics	3
ECON 4753	Forecasting	3
ECON 4763	Economic Analytics	3
Total Hours		12

8-Semester Plan

Program Costs

Minor will utilize existing courses and faculty.

Library Resources

N/A

Instructional

Facilities

N/A

Faculty Resources

Minor will utilize existing courses and faculty.

List Existing Certificate or Degree Programs
that Support the Proposed Program

Are Similar Programs available in the area?

No

Estimated Student Demand for Program 15

Scheduled Program Review Date N/A

Program Goals and
Objectives

Program Goals and Objectives

To provide students with the ability to analyze, digest, visualize, and ultimately harness data to drive decision making.

Learning Outcomes

Learning Outcomes

The Economic Analytics minor will provide students with a strong background in economic theory and the latest applied tools in big-data econometrics and machine learning methods, optimization, and computing. These "big-data" skills, combined with knowledge of economic modeling, will enable them to identify, assess, and seize the opportunity for data-driven value creation in the private and public sector.

Description and Justification for this request

Description of request	Justification for request
<p>Adding an Economics Analytics Minor for Non-Business Majors.</p>	<p>The digital revolution ignited an explosion of data. The availability of data is no longer a constraint to answering important questions. The critical constraint is now the ability to analyze, digest, visualize, and ultimately harness the data to drive decision making in business, science, and society.</p> <p>The Economic Analytics minor will provide students with a strong background in economic theory and the latest applied tools in big-data econometrics and machine learning methods, optimization, and computing. These “big-data” skills, combined with knowledge of economic modeling, will enable them to identify, assess, and seize the opportunity for data-driven value creation in the private and public sector.</p>

Upload attachments

Reviewer Comments

Alice Griffin (agriffin) (07/21/20 11:44 am): Adjusted language in description for clarity.

Lisa Kulczak (lkulcza) (08/14/20 3:06 pm): Per conversation with dean's office and new policy of implementing new programs earlier than the next catalog publication, adjusted effective date to spring 2021.

Key: 779