

Program Change Request

New Program Proposal

Date Submitted: 10/01/21 2:46 pm

Viewing: **AHCBGM : Advanced Healthcare**

Business Analytics Graduate MicroCertificate

Last edit: 11/03/21 1:45 pm

Changes proposed by: waldie

Submitter: 575-2058 User ID: waldie Phone:

Program Status Active

Academic Level Graduate

Type of proposal MicroCertificate

Select a reason for this new program Adding a New Graduate MicroCertificate

Effective Catalog Year Fall 2022

College/School Code
Walton College of Business (WCOB)

Department Code
Department of Information Systems (ISYS)

Program Code AHCBGM

Degree Graduate MicroCertificate

CIP Code

In Workflow

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

Approval Path

1. 10/01/21 2:47 pm
Alan Ellstrand
(aellstra): Approved for WCOB Dean Initial
2. 10/01/21 2:55 pm
Jim Gigantino

(jgiganti): Approved
for GRAD Dean
Initial

3. 10/11/21 3:55 pm
Alice Griffin
(agriffin): Approved
for Director of
Curriculum Review
and Program
Assessment
4. 10/13/21 5:33 pm
Lisa Kulczak
(lkulcza): Approved
for Registrar Initial
5. 10/13/21 5:46 pm
Doug Miles
(dmiles): Approved
for Institutional
Research
6. 10/14/21 8:41 am
Rajiv Sabherwal
(rsabherw):
Approved for ISYS
Chair
7. 10/14/21 8:55 am
Alan Ellstrand
(aellstra): Approved
for WCOB
Curriculum
Committee
8. 10/14/21 8:56 am
Alan Ellstrand
(aellstra): Approved
for WCOB Faculty
9. 10/19/21 4:29 pm
Matthew Ganio
(msganio):
Approved for EDUC
Dean

- 10. 10/24/21 7:53 pm
Alan Ellstrand
(aellstra): Approved
for WCOB Dean
- 11. 10/25/21 9:09 am
Suzanne Kenner
(skenner): Approved
for Global Campus
- 12. 11/03/21 11:08 am
Ketevan
Mamiseishvili
(kmamisei):
Approved for
Provost Review
- 13. 11/19/21 4:31 pm
Alice Griffin
(agriffin): Approved
for University
Course and Program
Committee
- 14. 12/16/21 2:47 pm
Pat Koski (pkoski):
Approved for
Graduate Council

51.2706 - Medical Informatics.

Program Title

Advanced Healthcare Business Analytics Graduate MicroCertificate

Program Delivery

Method

On Campus

Is this program interdisciplinary?

No

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

Yes

College(s)/School(s)

College/School Name
College of Education and Health Professions (EDUC)

What are the total 6
hours needed to
complete the
program?

Program Requirements and Description

Requirements

The Graduate MicroCertificates in the Information Systems and Educational Statistics and Research Methods academic programs are part-time credentials, offered on campus, blended, and online, designed to provide graduate students with MicroCertificates in specific Healthcare Business Analytics knowledge areas at the fundamentals and advanced levels – **Healthcare Business Analytics (for those interested in fundamentals) and Advanced Healthcare Business Analytics (for experienced analysts)**. The demand for skilled professionals in healthcare business analytics continues to outpace the supply of qualified applicants. Each six-hour micro certificate program is intended to be completed part-time and is open to individuals with backgrounds in any discipline. Six hours of MicroCertificate course credit with a grade of “B” or better can be used in the Graduate Certificate in Healthcare Business Analytics, Master of Healthcare Business Analytics, and Master of Applied Business Analytics programs as applicable to the respective degree. Coursework may not be transferred from another university to meet the requirements of a MicroCertificate, and retroactive graduate credit is not allowed for a MicroCertificate.

Admission Requirements: The Graduate MicroCertificate credentials are part-time credentials open to individuals with backgrounds in any discipline. Students must apply for the specific MicroCertificate credential and be admitted to the Graduate School of Business; the GMAT/GRE requirement is waived for the MicroCertificate credential. (Students who have earned a GPA of 3.5 or better upon completion of the MicroCertificate and subsequently apply to the part-time Graduate Certificate in Healthcare Business Analytics, Master of Healthcare Business Analytics, and Master of Applied Business Analytics programs will not be required to submit a test score). Information regarding Graduate School of Business admission [requirements](#) can be found earlier in this chapter.

Advanced Healthcare Business Analytics Graduate MicroCertificate: (6 hours)

Requirements: To receive the Advanced Healthcare Business Analytics Graduate MicroCertificate, students must have successfully completed the Healthcare Business Analytics Graduate MicroCertificate courses ISYS/ESRM 5303 and ISYS 5503 (or equivalent) and are required to take 6 hours of coursework at the University of Arkansas. Students are advised to check prerequisites prior to enrolling in a course.

Required Course

3

Select one of the following:

3

ESRM 5823 HEALTHCARE BUSINESS ANALYTICS I

Course ESRM 5823 HEALTHCARE BUSINESS ANALYTICS I

Not Found

[ISYS 5833](#)

Data Management Systems

[ISYS 5843](#)

Seminar in Business Intelligence and Knowledge

Total Hours

6

Program Costs

Program costs are to be fulfilled by the HCBAMA degree program.

Library Resources

No new library resources requested.

Instructional

Facilities

Current classrooms and facilities for the degree program will cover the microcertificate.

Faculty Resources

Current degree faculty.

List Existing Certificate or Degree Programs

that Support the Proposed Program

Program(s)
ENTSGC - Enterprise Systems Graduate Certificate
ESRMPH - Educational Statistics and Research Methods, Doctor of Philosophy
INSYMI - Information Systems, Master of Information Systems

Are Similar Programs available in the area?

No

Estimated Student Demand for Program 20

Scheduled Program Review Date n/a

Program Goals and Objectives

Program Goals and Objectives

The MicroCertificate will address barriers and facilitators to adoption of new procedures in the healthcare environment, as well as how analytics can achieve modern healthcare system and patient goals from a research perspective.

Learning Outcomes

Learning Outcomes

Students will have the ability to apply healthcare business analytics, machine learning methods, prescriptive models, data, and computing to identify, assess, and seize the opportunity for data-driven value creation in the private and public sectors.

Description and Justification for this request

Description of request	Justification for request
Addition of a new Graduate MicroCertificate in Advanced Healthcare Business Analytics.	To provide a entry point for students and working professionals interested in pursuing business analytics as related to the healthcare field from a research perspective.

Upload attachments

Reviewer Comments

Alice Griffin (agriffin) (10/04/21 1:26 pm): Switched ISYS/ESRM 5863 for ISYS/ESRM 5853 with input from submitter.

Alice Griffin (agriffin) (10/04/21 1:30 pm): Both courses in red, ISYS 5823 and ISYS 5853 are currently pending UCPC approval.

Alice Griffin (agriffin) (10/04/21 1:34 pm): Added "Methods" to first sentence with input from submitter.

Alice Griffin (agriffin) (10/05/21 8:28 am): As the "Advanced" Healthcare Business Analytics Graduate MicroCertificate, the college should consider additional learning outcomes or different learning outcomes from the Healthcare Business Analytics Graduate MicroCertificate.

Alice Griffin (agriffin) (10/11/21 3:55 pm): Courses in red are pending UCPC approval.

Matthew Ganio (msganio) (10/19/21 4:29 pm): Per conversations with WCOB - Cross listed (i.e., ISYS/ESRM) classes will be taught by ESRM faculty

Alan Ellstrand (aellstra) (10/20/21 6:38 pm): Changed proposal to on campus only.

Alan Ellstrand (aellstra) (10/20/21 6:40 pm): Changed proposal to on campus only.

Ketevan Mamiseishvili (kmamisei) (11/03/21 11:07 am): Per e-mail from Associate Dean Ellstrand on 11/2/2021, I removed cross-listings from Healthcare Business Analytics I and II courses and converted them to only ESRM 5823 and ESRM 5853 courses.