

# Program Change Request

A deleted record cannot be edited

## Program Deactivation Proposal

Date Submitted: 12/23/21 3:17 pm

Viewing: **STANGC : Statistics and Analytics**

## Graduate Certificate

Last approved: 05/27/20 3:11 pm

Last edit: 01/05/22 1:58 pm

Changes proposed by: pkoski

Catalog Pages Using  
this Program

- [Statistics and Analytics \(STAN\)](#)
- [Statistics and Analytics \(STAN\)](#)

End Catalog                      Fall 2022

No new students  
admitted after:

### In Workflow

1. GRAD Dean Initial
2. GRAD Dean Initial
3. Provost Initial
4. Director of Curriculum Review and Program Assessment
5. Registrar Initial
6. Institutional Research
7. GRSD Chair
8. ARSC Dean
9. EDUC Dean
10. ENGR Dean
11. GRAD Dean
12. WCOB Dean
13. Global Campus
14. Provost Review
15. University Course and Program Committee
16. Graduate Council
17. Faculty Senate
18. Provost Final
19. Provost's Office-- Documentation sent to System Office
20. Higher Learning Commission
21. Board of Trustees
22. ADHE Final
23. Provost's Office-- Notification of Approval

- 24. Registrar Final
- 25. Catalog Editor Final

### Approval Path

1. 12/23/21 3:19 pm  
Pat Koski (pkoski):  
Approved for GRAD  
Dean Initial
2. 12/23/21 3:46 pm  
Pat Koski (pkoski):  
Approved for GRAD  
Dean Initial
3. 12/23/21 3:53 pm  
Ketevan  
Mamiseishvili  
(kmamisei):  
Approved for  
Provost Initial
4. 01/05/22 1:59 pm  
Alice Griffin  
(agriffin): Approved  
for Director of  
Curriculum Review  
and Program  
Assessment
5. 01/06/22 1:31 pm  
Gina Daugherty  
(gdaugher):  
Approved for  
Registrar Initial
6. 01/06/22 3:49 pm  
Doug Miles  
(dmiles): Approved  
for Institutional  
Research
7. 01/06/22 3:51 pm  
Jim Gigantino  
(jgiganti): Approved  
for GRSD Chair

8. 01/06/22 4:29 pm  
Jeannie Hulen  
(jhulen): Approved  
for ARSC Dean
9. 01/07/22 8:37 am  
Matthew Ganio  
(msganio):  
Approved for EDUC  
Dean
10. 01/14/22 2:50 pm  
Kevin Hall (kdhall):  
Approved for ENGR  
Dean
11. 01/14/22 4:21 pm  
Jim Gigantino  
(jgiganti): Approved  
for GRAD Dean
12. 01/16/22 10:46 am  
Alan Ellstrand  
(aellstra): Approved  
for WCOB Dean
13. 01/18/22 9:28 am  
Suzanne Kenner  
(skenner): Approved  
for Global Campus
14. 01/18/22 11:58 am  
Ketevan  
Mamiseishvili  
(kmamisei):  
Approved for  
Provost Review
15. 01/28/22 4:38 pm  
Alice Griffin  
(agriffin): Approved  
for University  
Course and Program  
Committee
16. 02/17/22 2:49 pm  
Jim Gigantino  
(jgiganti): Approved

## History

1. Mar 3, 2017 by Pat Koski (pkoski)
2. Jun 6, 2017 by Lisa Kulczak (lkulcza)
3. Sep 19, 2019 by Lisa Kulczak (lkulcza)
4. May 27, 2020 by Lisa Kulczak (lkulcza)

### Spring 2022

Allow students in program to complete through:

### Spring 2023

Number of students still enrolled:

0

Courses Deleted as a result of this action:

How will students in the deleted program be accommodated?

**Students will be allowed to finish certificate.**

How will funds from the deleted program be reallocated?

**There are no funds associated with this program.**

Deactivation attachments

[STANGC - Deletion - Ltr of Notification.pdf](#)

Justification for this request

**Under-enrollment over several years.**

Submitter: User ID: lkulcza Phone: 7456

Program Status Active

Academic Level Graduate

Type of proposal Certificate

Effective Catalog Year Fall 2022

College/School Code Graduate School and International Education (GRAD)

Department Code Department of Graduate Dean (GRSD)

Program Code STANGC

Degree Graduate Certificate

CIP Code  
27.0501 - Statistics, General.

Program Title  
Statistics and Analytics Graduate Certificate

Program Delivery

Method

On Campus

Online/Web-based

Is this program interdisciplinary?

Yes

College(s)/School(s)

College/School Name
Fulbright College of Arts and Sciences (ARSC)
College of Education and Health Professions (EDUC)
College of Engineering (ENGR)
Graduate School (GRAD)
Walton College of Business (WCOB)

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

No

What are the total hours needed to 12

complete the program?

## On-line/Web-based Information

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Reason for offering

Web-based Program

There is currently very high demand for each of the concentration areas; we expect demand to exceed our current ability to serve. Each concentration will have 6-12 graduates per year (enrollment of 12-24 students per concentration) until our resources grow to allow greater enrollment. These programs have a natural appeal for professionals currently working in industry that need the flexibility of online programs; they can't come to the campus consistently. The demand for these programs is expected to come from different areas across the state of Arkansas as well as the nation. The reputation of the University of Arkansas has also the potential to attract students from other countries that could get access online to the programs from their home countries

Maximum Class Size      50

for Web-based Courses

Course delivery mode

<b>Method(s)</b>
Online

Class interaction mode

<b>Method(s):</b>
Electronic Bulletin Boards

Percent Online

100% with Required Campus Component

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

All services are provided through the University of Arkansas. We have more than 30 online programs (including graduate, undergraduate as well as certificates) and have developed a strong infrastructure to support all services needed to deliver high quality online degree programs. Online proctoring is provided through Proctor U (which verifies identity and monitors students live while they take exams online –using web-cam and questionnaire to verify identity and live stream through webcam to monitor the exam as well

as everything the student's computer is displaying). As described above, the Learning Management System used is Blackboard (which supports our online and on campus courses)

Estimate Costs of the Program over the First 3 Years	<p>The costs of developing each of the courses is estimated to be around \$5,000 for faculty compensation. No other additional cost is expected as the Global Campus infrastructure (already funded) provides instructional design, academic technology support, media support and training for faculty. The estimated maximum number courses that would need to be developed is 37. The total estimated cost of developing all remaining courses stands at \$185,000. The expenses for delivery are expected to materialize in the next three years. Currently the Global Campus dedicates \$250,000 a year for course development. Dedicating a fourth of these funds for the development of the courses outlined</p>
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above is something  
that is already  
planned for in the  
budgeting of the  
Global Campus for  
the next three fiscal  
years.

List Courses Taught  
by Adjunct Faculty

Upload  
Memorandum of  
Understanding Forms  
(if required)

## Program Requirements and Description

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### Requirements

#### Requirements for the Graduate Certificate in Statistics and Analytics:

The Graduate Certificate requires 12 hours of courses as specified below.

Choose one of the following:

3-4

<a href="#"><u>STAT 5003</u></a>	Statistical Methods
& <a href="#"><u>STAT 5001L</u></a>	and Statistics Methods Laboratory
<a href="#"><u>ESRM 6403</u></a>	Educational Statistics and Data Processing
<a href="#"><u>ISYS 5503</u></a>	Decision Support and Analytics
<a href="#"><u>PLSC 5913</u></a>	Research Methods in Political Science
<a href="#"><u>PSYC 5133</u></a>	Inferential Statistics for Psychology
<a href="#"><u>SOCI 5013</u></a>	Advanced Social Research

Choose one of the following:

3

<a href="#"><u>STAT 5313</u></a>	Regression Analysis
<a href="#"><u>INEG 5393</u></a>	Applied Regression Analysis for Engineers
<a href="#"><u>PLSC 5943</u></a>	Advanced Research Methods in Political Science
<a href="#"><u>PSYC 5143</u></a>	Advanced Descriptive Statistics for Psychology
<a href="#"><u>SOCI 5313</u></a>	Applied Data Analysis

Choose one of the following:

3

<a href="#"><u>STAT 5353</u></a>	Methods of Multivariate Analysis
<a href="#"><u>ISYS 5723</u></a>	Advanced Multivariate Analysis
<a href="#"><u>ESRM 6453</u></a>	Applied Multivariate Statistics

Choose one of the following:

3



[STAT 4373](#)

Experimental Design

[INEG 5333](#)

Design of Industrial Experiments

[ESRM 6413](#)

Experimental Design in Education

Total Hours

12

Are Similar Programs available in the area?

No

Estimated Student 12 students per year

Demand for Program

Scheduled Program 2021-2022

Review Date

Program Goals and

Objectives

**Program Goals and Objectives**

See LON

Learning Outcomes

**Learning Outcomes**

See LON

Upload attachments

Reviewer Comments

**Alice Griffin (agriffin) (01/05/22 1:58 pm):** Inserted approval dates and minor revisions to LON.  
Renamed document to match BOT naming convention.