

Cover Sheet: Request 15439

CLAS STA MNR update

Info

Process	Minor Modify/Ugrad
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Demetris Athienitis athienit@ufl.edu
Created	11/10/2020 2:30:42 PM
Updated	1/27/2021 1:17:20 PM
Description of request	1. Add STA 3100 Programming With Data in R as a core course 2. Add STA 4241 and STA 4273 as viable electives

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	CLAS - Statistics 16480000	Michael Daniels		11/10/2020
No document changes					
College	Approved	CLAS - College of Liberal Arts and Sciences	Joseph Spillane		1/22/2021
Statistics Minor - University of Florida.docx					11/10/2020
Associate Provost for Undergraduate Affairs	Approved	PV - Associate Provost for Undergraduate Affairs	Casey Griffith		1/27/2021
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			1/27/2021
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
College Notified					
No document changes					

Minor|Modify for request 15439

Info

Request: CLAS STA MNR update

Description of request: 1. Add STA 3100 Programming With Data in R as a a core course
2. Add STA 4241 and STA 4273 as viable electives

Submitter: Demetris Athienitis athienit@ufl.edu

Created: 11/10/2020 2:26:06 PM

Form version: 1

Responses

Name

Enter the name of the minor.

Response:
Statistics

Code

Enter the two or three letter specialization code that identifies the minor in the student information system.

Response:
STA

Effective Term

Enter the term (semester and year) at which the modification should be effective.

Response:
Earliest Available

Effective Year

Response:
Earliest Available

Proposed Changes

Describe the proposed changes to the minor.

Response:
1. Add STA 3100 Programming With Data in R as a required course
2. Add STA 4241 and 4273 in the pool of viable electives

Pedagogical Rationale/Justification

Describe the rationale for the proposed changes.

Response:
Statistical programming has become fundamental to the field of statistics and the programming skills learned in STA 3100 will help students succeed in higher level applied statistical courses, as well in their future career.

Impact on Other Programs

Describe any potential impact on other programs or departments, including increased need for general education or common prerequisite courses, or increased need for required or elective courses outside of the existing program.

Response:

None

Catalog Copy

Submitter agrees to prepare and upload document showing the catalog copy with the current and proposed curricula edited using the "track changes" feature in Word.

Response:

Yes

About this Program

- College: [Liberal Arts and Sciences](#)
- Credits: 158 | Completed with minimum grades of C and no optional S/U

Department Information

The mission of the Department of Statistics is to provide its students with a fundamental understanding of statistical reasoning and methodology, to train them to apply this knowledge to the collection and analysis of data, and to prepare them for careers in a highly technological society in which science and decision-making are increasingly driven by a rapid expansion in the quantity and availability of data.

[Website](#)

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[Map](#)

Curriculum

- [Actuarial Science Minor](#)
- [Combination Degrees](#)
- [Data Science](#)
- [Statistics](#)
- [Statistics Minor](#)

- This minor requires a minimum of ~~six~~ STA courses.
 - ~~STA 3100.~~
 - ~~The sequence~~ [STA 4210](#) and [STA 4211](#),
 - ~~and~~ at least three approved electives.
 - ~~STA 3100 should be taken prior to STA 4210.~~
 - [STA 3024](#) or [STA 3032](#) should be taken prior to ~~the~~ [STA 4210](#).
 - ~~STA 4321 and/or STA 4322 are a prerequisite for many of the approved electives. and STA 4211.~~
- No more than three transfer credits may be applied to the minor.
- Students must complete a minimum of six credits of coursework exclusive to the minor that cannot count toward the major(s) or other minors.

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Required Courses

Course List

Code	Title	Credits
STA 3100	Programming With Data in R	<u>3</u>
STA 4210	Regression Analysis	3
STA 4211	Design of Experiments	3
Approved electives		9
Total Credits		<u>18</u> 5

Approved Electives

Course List

Code	Title	Credits
STA 3024	Introduction to Statistics 2	3
or STA 3032	Engineering Statistics	
STA 4222	Sample Survey Design	3
STA 4241	Statistical Learning in R	<u>3</u>
STA 4273	Statistical Computing in R	<u>3</u>
STA 4321	Introduction to Probability	3
STA 4322	Introduction to Statistics Theory	3
STA 4502	Nonparametric Statistical Methods	3
STA 4504	Categorical Data Analysis	3
STA 4702	Multivariate Statistical Methods	3
STA 4712	Introduction to Survival Analysis	3
STA 4821	Stochastic Processes	3
STA 4853	Introduction to Time Series and Forecasting	3
STA 4911	Undergraduate Research in Statistics	0-3
STA 4930	Special Topics	3
