

MEMORANDUM

DATE: October 16, 2018
TO: Dr. Jerome E. Haky, Chair of the University Undergraduate Programs Committee
FROM: Dr. Hongwei Long, Chair of Undergraduate Committee in Mathematical Sciences
SUBJECT: Updated Certificate and Minor Programs in Statistics

Recently, a new course “RI: Introduction to Data Science” (CAP 3786) was approved, the title of the course STA 4102 was changed from “Computational Statistics 1” to “RI: Computational Statistics”, and the title of course STA 4241 was changed from “Statistical Learning” to “RI: Statistical Learning”. All these courses and the changes have been listed in the University Course Catalog. However, the certificate and minor programs in Statistics are outdated and haven’t incorporated these changes yet. In addition, the current certificate program in Statistics requires three electives while the minor in Statistics requires only two electives. This makes the certificate program in Statistics more restrictive than the minor program in Statistics, which is contradictory to common sense.

In order to reflect the changes and keep the programs updated and attractive, the Undergraduate Committee in the Department of Mathematical Sciences had a meeting on October 8, 2018 to propose that

- Add the new course RI: Introduction to Data Science (CAP 3786) to the list of electives for both the certificate and minor programs in Statistics.
- Reduce the requirement of three electives to two electives for the certificate program in Statistics, reducing the credits from 26 to 23.
- Course titles changes for both the certificate and minor programs in Statistics:

- a. STA 4102 from “Computational Statistics 1” to “RI: Computational Statistics”
- b. STA 4241 from “Statistical Learning” to “RI: Statistical Learning”


This proposal was discussed and approved by the Department of Mathematical Sciences at a departmental meeting on October 9, 2018. Please find the updated certificate and minor



Charles E. Schmidt College of Science
 Department of Mathematical Sciences
 777 Glades Road
 Boca Raton, FL 33431
 tel: 561.297.3340
 fax: 561.297.2436
 www.math.fau.edu

programs in Statistics in the enclosed document. We would very much appreciate if the related authorities in the College of Science and University could approve our proposal.

Cc: Rainer Steinwandt, Chair of Mathematical Sciences

Approved by	Date
Department Chair 	10-16-18
College Curriculum Chair _____	_____
College Dean _____	_____
UUPC Chair _____	_____
Undergraduate Studies Dean _____	_____
UFS President _____	_____
Provost _____	_____