

FLORIDA ATLANTIC UNIVERSITY™

Graduate Programs—PROGRAM CHANGE REQUEST

UGPC APPROVAL _____
 UFS APPROVAL _____
 CATALOG _____

DEPARTMENT: GEOSCIENCES & SCHOOL OF URBAN AND REGIONAL PLANNING

COLLEGE: SCIENCES & CDSI

PROGRAM NAME: GRADUATE GIS CERTIFICATE

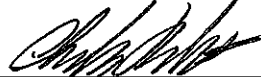
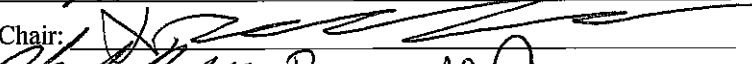
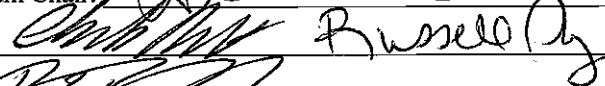

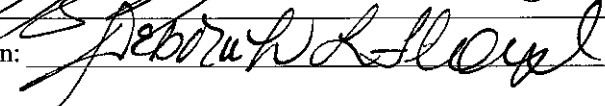
EFFECTIVE DATE
 (PROVIDE TERM/YEAR)
 FALL 2014

PLEASE EXPLAIN THE REQUESTED CHANGE(S) AND OFFER RATIONALE BELOW AND/OR ATTACHED:

THE GEOSCIENCES DEPARTMENT & SCHOOL OF URBAN AND REGIONAL PLANNING JOINTLY HAVE ENOUGH GRADUATE GIS COURSES THAT ARE OFFERED AT LEAST ONCE A YEAR THAT WE CAN PROPOSE A GRADUATE GIS CERTIFICATE. THIS WAS SUGGESTED TO US BY OUR FORMER GRADUATE STUDENTS WHO ARE NOW GIS PROFESSIONALS. WE CURRENTLY OFFER A GIS CERTIFICATE AT THE UNDERGRADUATE LEVEL THAT IS WELL KNOWN IN THE GIS COMMUNITY IN THE STATE.

Faculty contact, email and complete phone number:
 croberts@fau.edu Charles Roberts 297-3254

Consult and list departments that might be affected by the change and attach comments.
 No other departments offer graduate GIS certificate

Approved by:
 Department Chair: 
 College Curriculum Chair: 
 College Dean:  Russell D.
 UGPC Chair: 
 Graduate College Dean: 
 UFS President: _____
 Provost: _____

Date: 3/10/14

 03/12/14

 3/13/14

 3/24/14

 3/24/14

Email this form and syllabus to UGPC@fau.edu one week before the University Graduate Programs Committee meeting so that materials may be viewed on the UGPC website prior to the meeting.

Catalog Text:

The Department of Geosciences & School of Urban and Regional Planning jointly offer graduates a certificate in GIS. Graduate students who complete the program with a grade of "B" or better in each course are entitled to the Graduate GIS Certificate. Students should consult with the Director of GIS Center or the Graduate Advisors about registration for this program. Students shall use these courses in the completion of certificate.

Required Courses (9 credits)		
(*Principles of Geographic Information Systems	GIS 5051C	3
OR		
Introduction to GIS in Planning)	URP 6270	3
Applications in Geographic Information Systems	GIS 5100C	3
Spatial Data Analysis	GIS 6125	3
Choose two of the following courses (6 credits):		
Programming in Geographic Information Systems	GIS 5103C	3
Environmental Analysis in Planning	URP 6425	3
Managing GIS Projects	URP 6272	3

*If the course is already used for the undergraduate GIS Certificate, it cannot be counted towards the Graduate GIS Certificate