

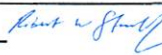
 FLORIDA ATLANTIC UNIVERSITY	Department Geosciences	UGPC Approval _____ UFS Approval _____ Banner Posted _____ Catalog _____
	College Science	
Program Name Geographic Information Systems Certificate		<input type="checkbox"/> <small>Change in Program</small> <input checked="" type="checkbox"/> <small>Change in Course</small>
Please explain the requested change(s) and offer rationale below or on an attachment We request to add two courses: Web GIS (GIS 6061C) and Geospatial Databases (GIS 6112C), to the selective course list of Geographic Information Systems Certificate. The two courses were recently developed by faculty at Geosciences Department and addition of these two classes would make the Geographic Information Systems Certificate eligible for official status as an eLearning Certificate. The Geosciences Department voted unanimously to support the change.		
Faculty Contact/Email/Phone Dr. Zhixiao Xie / xie@fau.edu / 7-2852		Consult and list departments that may be affected by the change(s) and attach documentation School of Urban and Regional Planning (support email attached)
Approved by Department Chair  College Curriculum Chair  College Dean  UGPC Chair _____ UGC Chair _____ Graduate College Dean _____ UFS President _____ Provost _____		Date 02/09/2019 2/11/2019 <small>Digitally signed by Robert W. Stackman Jr. DN: cn=Robert W. Stackman Jr, o, ou, email=stackmjr@fau.edu, c=US Date: 2019.02.11 14:12:07 -0500</small>

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

Geographic Information Systems Certificate

The Geographic Information Systems (GIS) certificate for graduate students is offered jointly by the Department of Geosciences and the School of Urban and Regional Planning in the College for Design and Social Inquiry. Graduate students who complete the program below with a grade of "B" or better in each course are entitled to receive the certificate. Students should consult with the director of the GIS Center or their graduate advisor about registration for this program. Students shall use the courses below to complete the certificate.

Required Courses (9 credits)		
Principles of Geographic Information Systems*	GIS 5051C	3
OR		
Introduction to GIS in Planning	URP 6270	3
AND		
Applications in Geographic Information Systems	GIS 5100C	3
Spatial Data Analysis	GIS 6306	3
Choose two of the following courses (6 credits)		
Programming in Geographic Information Systems	GIS 5103C	3
Web GIS	GIS 6061C	3
Geospatial Databases	GIS 6112C	3
Environmental Analysis in Planning	URP 6425	3
Managing GIS Projects	URP 6272	3

* If the undergraduate version of this course was already counted for the undergraduate GIS certificate, this graduate version cannot be counted toward the graduate GIS certificate.

GRADUATE COLLEGE

FEB 12 2019

Received

Zhixiao Xie

From: Steven Bourassa
Sent: Thursday, January 31, 2019 4:03 PM
To: Zhixiao Xie
Subject: RE: graduate GIS Certificate

Dear Zhixiao,

Yes, we support this change.

With best regards,
Steve

Steven C. Bourassa, Ph.D.
Henry D. Epstein Professor of Urban and Regional Planning
Affiliate Professor of Geosciences
Director, School of Urban and Regional Planning

Florida Atlantic University
777 Glades Road, SO 284-J
Boca Raton, FL 33431

Phone: (561) 297-4164
Email: sbourassa@fau.edu
Web: cdsi.fau.edu/surp

From: Zhixiao Xie
Sent: Thursday, January 31, 2019 3:08 PM
To: Steven Bourassa <sbourassa@fau.edu>
Subject: graduate GIS Certificate

Good Afternoon Steven,
We are proposing to add two courses: Web GIS (GIS 6061C) and Geospatial Databases (GIS 6112C), to the selective course list of Geographic Information Systems Certificate. The two courses were recently developed by faculty at Geosciences Department and addition of these two classes would make the Geographic Information Systems Certificate eligible for official status as an eLearning Certificate. Because URP also participates in Graduate GIS certificate, would you please let me know whether you support the change? An email confirmation would be sufficient.

Thank You,
Zhixiao

Dr. Zhixiao Xie
Professor and Chair
Geosciences Department