

 FLORIDA ATLANTIC UNIVERSITY	NEW/CHANGE PROGRAM REQUEST Undergraduate Programs	UUPC Approval <u>1/30/23</u> UFS Approval _____ Banner _____ Catalog _____
	Department Civil, Environmental and Geomatics Engineering College Engineering and Computer Science	
Program Name Geomatics Engineering minor	<input type="checkbox"/> New Program* <input checked="" type="checkbox"/> Change Program*	Effective Date (TERM & YEAR) Fall 2023
<p>Please explain the requested change(s) and offer rationale below or on an attachment.</p> <p>Change SUR 4331 (2 credits) and SUR 4331 L (1 credit) to a combined 3-credit course SUR 4331C. All lab exercises are software based and it will best serve the students in the combined mode.</p>		
<p><small>*All new programs and changes to existing programs must be accompanied by a catalog entry showing the new or proposed changes.</small></p>		
Faculty Contact/Email/Phone Sudhagar Nagarajan, snagarajan@fau.edu/7-3104	Consult and list departments that may be affected by the change(s) and attach documentation	
Approved by Department Chair <u>ekaisar</u> College Curriculum Chair <u>Hongbo Su</u> College Dean <u>[Signature]</u> UUPC Chair <u>Ethlyn Williams</u> Undergraduate Studies Dean <u>Dan Meeroff</u> UFS President _____ Provost _____	Date _____ _____ <u>1-18-23</u> <u>1/30/23</u> <u>1/30/23</u> _____ _____	

Email this form and attachments to mjenning@fau.edu seven business days before the UUPC meeting.

Geomatics Engineering Minor

Students minoring in Geomatics Engineering will complete a minimum of 18 credits with a grade of "C" or better in each course. Of the 18 credits, a minimum of 15 must be earned at FAU. Selected courses must be checked for the proper requirements. The minor is available to all full-time FAU students pursuing a declared major.

Required Courses (3 credits)		
Geomatics	SUR 3103	2
Geomatics Lab	SUR 3103L	1

Select additional courses from below for a minimum of 15 credits		
Digital Photogrammetry Principles and Applications (2)	SUR 4331C	3
Digital Photogrammetry Principles and Applications Lab (2)	SUR 4331L	4
Measurement Theory and Data Adjustments (2)	SUR 3520	3
Automated Surveying and Mapping (2)	SUR 3141	2
Automated Surveying and Mapping Lab (2)	SUR 3141L	1
Subdivision Design	SUR 4463	2
Land Subdivision and Platting Lab (2)	SUR 3463L	1
Engineering and Construction Surveying (3)	SUR 3205	2
Engineering and Construction Surveying Lab (3)	SUR 3205L	1
Geodesy and Geodetic Positioning (3)	SUR 4530	2
Geodesy and Geodetic Positioning Lab (3)	SUR 4530L	1
Cadastral Principles and Legal Aspects (2)	SUR 4403	3
Principles of Geographic Information System	GIS 4043C	3
Introduction to Laser Mapping Technology	CCE 4514C	3
Any other Surveying or Mapping Technical Elective as determined by the department		3