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	NEW/CHANGE PROGRAM REQUEST		UGPC Approval
	Graduate Programs		UFS Approval
EI OBIDA		51 41113	Banner
ATI.ANTIC	Department		Catalog
UNIVERSITY	College Engineering and Computer Scie		
	Engineering and Computer Scie	ence	
Program Name		New Program*	Effective Date (TERM & YEAR)
		Change Program*	Spring 2026
Please explain	the requested change(s) and offer r	 ationale below or on an	attachment.
*All new programs a Faculty Contact/	and changes to existing programs must be acco		nents that may be affected by
Approved by	n ka		Date
Department Chair			
Approved by  Department Chair  College Curriculum Chair  A.民. 사ಀಀಀ		10/07/2025	
College Dean Raquel Assis		10/8/2025	
UGPC Chair	Community (sup 32, 300) (6) (0) 23 (507)		10/31/2025
UGC Chair	Sementelli (Oct 31, 2025 00.29.33 COT)		10/31/2025
Graduate College	Dean for which		10/31/2025
UFS President			
Dwarragt			

Email this form and attachments to <a href="UGPC@fau.edu">UGPC@fau.edu</a> 10 days before the UGPC meeting.

## **Graduation Requirements**

The degree will be conferred on candidates who have fulfilled the following requirements:

- Completed the curriculum for the Ph.D. in Transportation and Environmental Engineering, which entails:
- Successful completion of 72 credits of course and dissertation work beyond the baccalaureate degree with a minimum grade of "B" in each course. Up to 30 credits of coursework from an approved master's degree program may be applied. Cross-listed courses are offered at the 4000/5000 and 4000/6000 levels. Students may not enroll in the 5000/6000 level courses if they have completed the corresponding 4000-level course;
- Successful completion of any remedial course(s) determined by the departmental graduate programs committee and/or the dissertation supervisory committee.
- Maintain a minimum 3.0 GPA in all coursework attempted for the degree. Failure to maintain a minimum GPA of 3.0 may result in creating an Academic Progression Plan (APP) for the student.

#### Core Courses - two courses for 6 credits

Course Title	Course Number	Credits
Advanced Research	CGN 7978	3 and
Sustainability and Pollution Prevention	ENV 6932	3 <b>or</b>
Advanced Structural Analysis	CES 6106	3 <b>or</b>
Transportation System Analysis	TTE 6501	3
Graduate Seminar (CGN 5937) - two semesters		

## Technical Electives - three courses for 9 credits

Select three courses at the 5000 or 6000 level from the Department of Civil, Environmental and Geomatics Engineering. The courses must be approved by the dissertation advisor.

#### Other Electives - two courses for 6 credits

Select two courses at the 5000, 6000 or 7000 level from the College of Engineering and Computer Science or other FAU colleges. No more than 3 credits of Directed Independent Study (DIS). The courses must be approved by the dissertation advisor.

# Dissertation (CGN 7980) - 21 credits (minimum) for students entering with a master's degree

Up to 3 credits of graduate internship (EGN 5940) may be used to satisfy the 21-credit dissertation minimum requirement, with approval of the dissertation advisor.

- 2. Successful completion of a qualifying exam is required;
- 3. Successful completion of a dissertation proposal defense is required;
- 4. Prior to the dissertation defense, the student is required to have published or have accepted for publication <u>a at least one</u> refereed research paper in a field of study deemed acceptable by the dissertation committee. A journal article is preferred, but a peer-reviewed conference paper is also acceptable;
- Successful completion of an oral defense of the written doctoral dissertation based on original research in the student's area of specialization. The Dissertation/Supervisory Committee, the Department Chair and the Graduate College must have approved the dissertation and oral defense;
- 6. Complied with the University's Graduate Policies and Regulations and satisfied the University's Graduate Degree Requirements.