

 FLORIDA ATLANTIC UNIVERSITY	NEW/CHANGE PROGRAM REQUEST Graduate Programs		UGPC Approval _____ UFS Approval _____ Banner _____ Catalog _____
	Department Civil, Environmental and Geomatics Engineering College Engineering and Computer Science		
Program Name MS in Civil Engineering		☐ New Program* ☒ Change Program*	Effective Date (TERM & YEAR) Spring 2024
Please explain the requested change(s) and offer rationale below or on an attachment. - The College of Engineering and Computer Science has waived the GRE as an admission requirement over the past few years due to Covid-19 pandemic. This proposal requests removing the GRE as an admission requirement for the Master's in Civil Engineering Program in the Department of Civil, Environmental and Geomatics Engineering since it does not present a conclusive factor in predicting how successful an applicant will be in completing the program. - The catalog text regarding MS applicants with non-engineering background was revised for brevity. - The catalog text regarding language proficiency requirements was revised for clarity.			
*All new programs and changes to existing programs must be accompanied by a catalog entry showing the new or proposed changes.			
Faculty Contact/Email/Phone Dr. Jahandar Lashaki / mjahandarlashaki@fau.edu		Consult and list departments that may be affected by the change(s) and attach documentation N/A	
Approved by Department Chair <u>E. Kaizar</u> College Curriculum Chair <u>Masoud Jahandar Lashaki</u> College Dean <u>M. Cardei</u> UGPC Chair _____ UGC Chair _____ Graduate College Dean _____ UFS President _____ Provost _____		Date 10/3/23 10/3/2023 10/3/23 _____ _____ _____ _____ _____	

Email this form and attachments to UGPC@fau.edu 10 days before the UGPC meeting.

MASTER'S PROGRAM

CIVIL ENGINEERING

MASTER OF SCIENCE (M.S)

~~(For this degree program, the GRE admission requirement is waived through and including fall 2023.)~~

The mission of the Master of Science with Major in Civil Engineering program is to meet the advanced civil engineering educational needs of graduates of undergraduate programs, practicing engineers and those non-engineering professionals wishing to redirect their career paths. Graduates of the program possess these attributes or educational outcomes:

1. Ability to apply knowledge in civil engineering and related subjects significantly beyond the baccalaureate level;
2. Ability to communicate ideas and results professionally in written, oral and graphical forms;
3. Ability to independently conduct research or solve a significant practice-oriented design in civil engineering.

These educational outcomes result from successful completion of a well-planned, rigorous set of courses and a major research or design experience.

Students wishing to continue their education but not pursue a formal academic degree are welcome to take graduate courses with the appropriate technical preparation.

Admission Requirements

All students must comply with the College's admission requirements noted under the [Master's Degree Program Information](#) header. Once students meet all College requirements, applications are reviewed on a case-by-case basis. ~~Students with non-engineering bachelor's degrees, click here for additional requirements.~~ Students are normally admitted to the Master of Science in ~~with Major~~ Civil Engineering program if they meet the following:

1. Possess a baccalaureate degree in Civil Engineering or a closely related engineering field. Students with non-engineering backgrounds are required to take remedial coursework as recommended by the departmental graduate committee. Click here for additional information in this regard;
2. Have achieved a 3.0 (on a 4.0 scale) grade point average in the last 60 credits of undergraduate work;
- ~~3. Have taken the Graduate Record Examination (GRE). There is no minimum required score. Applicants with a Civil or Environmental Engineering bachelor's degree from any ABET-accredited program are not required to take the GRE. Applicants who have passed Fundamentals of Engineering (FE) are not required to take the GRE;~~
- ~~4. Students with non-engineering backgrounds are required to take the GRE and remedial coursework (link) as recommended by the CEGE graduate committee;~~
- ~~5.3.~~ Have demonstrated proficiency in both written and spoken English. Students from non-English-speaking countries are required to take an English language proficiency test the Test of English as

~~a Foreign Language (TOEFL) and expected to achieve a minimum TOEFL score of 550 on PBT (paper-based test), 79 on IBT (internet-based test) or 213 on CBT (computer-based test); 6.0 on IELTS; or 100 on Duolingo a score of 550 or 213 (computer-based);~~

~~6.4.~~ Agree to abide by the graduate admission requirements of the University as published in the University Catalog;

~~7.5.~~ Distance Learning students must comply with the College of Engineering and Computer Science Distance Education guidelines noted under the [Master's Degree Program Information](#) header above.