
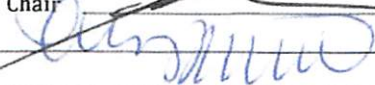
 FLORIDA ATLANTIC UNIVERSITY	PROGRAM CHANGE REQUEST Graduate Programs		UGPC Approval _____ UFS Approval _____ Banner Posted _____ Catalog _____
	Department Civil Environmental and Geomatics College Engineering		
Program Name Graduate programs - BS/MS		Effective Date <small>(TERM & YEAR)</small> Spring 2018	
Please explain the requested change(s) and offer rationale below or on an attachment This is a minor clarification to insure students understand that the only classes that can be counted for BS and MS degrees are those 5000 level and above.			
Faculty Contact/Email/Phone Frederick Bloetscher h2o_man@bellsouth.net 239-250-2423		Consult and list departments that may be affected by the change(s) and attach documentation none	
Approved by Department Chair  _____ College Curriculum Chair _____ College Dean  _____ UGPC Chair _____ UGC Chair _____ Graduate College Dean _____ UFS President _____ Provost _____		Date _____ 10/10/17 10/16/17 _____ _____ _____ _____	

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.

Combined degree Program

B.S.C.V. to M.S. Degree Program

With an approximate duration of five years, the combined Bachelor of Science in Civil Engineering to Master of Science program provides an attractive way for students to continue their graduate work. The undergraduate degree program is 128 credits, while the combined graduate degree includes a minimum of 150 credits. Students admitted after January 1, 2017 may count 9 credits of graduate coursework (5000 level or higher) taken as an undergraduate to satisfy both degrees. See specific program requirements.

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To be eligible for the joint B.S.C.V./M.S. program, students must:

1. Have a cumulative GPA of 3.25 or higher (FAU and transfer courses);
2. Have a total institution GPA of 3.25 or higher (FAU courses); and
3. Formally apply to the joint program, completing the admissions process at least one semester prior to beginning the M.S. portion of the program.
4. Must complete a thesis.

Master's Program

Master of Science with Major in Civil Engineering

The mission of the Master of Science with Major in Civil Engineering program is to meet the advanced civil engineering educational needs of recent 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. Knowledge in civil engineering and related subjects significantly beyond the baccalaureate level;
2. Ability to independently conduct research and/or solve a significant practice-oriented project in civil engineering;
3. Ability to communicate ideas and results professionally in written, oral and graphical forms.

These educational outcomes result from successful completion of a well-planned, rigorous set of courses and a major capstone experience (either a thesis or practice-oriented project).

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 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 Civil Engineering program if they:

1. Possess a baccalaureate degree in Civil Engineering or a closely related engineering field. Students with international degrees must have their credentials evaluated by an approved evaluator. Contact the Graduate College for more information. Prospective students without an engineering degree will be evaluated on a case-by-case basis;
2. Have achieved a 3.0 (on a 4.0 scale) grade point average in the last 60 credits of undergraduate work;
3. Have achieved scores of at least 145 (verbal) and 150 (quantitative) on the Graduate Record Examination (GRE). GRE scores cannot be more than five years old and must be completed before admission to the program;
4. Have demonstrated proficiency in both written and spoken English. Students from non-English-speaking countries are required to take the Test of English as a Foreign Language (TOEFL) and achieve a score of 550 or 213 (computer-based);
5. Have provided three letters of recommendation attesting to the student's potential for graduate studies in civil engineering;
6. Agree to abide by the graduate admission requirements of the University as published in the University Catalog;
7. If, as distance learning (DEDECS) students, the student has indicated to the Department their intention to pursue a master's degree by the end of the third DEDECS class taken at FAU.

Degree Requirements

The degree of Master of Science with major in Civil Engineering is awarded to the candidate who has:

1. Complied with University graduate policies and regulations;
2. Satisfied the University's graduate degree requirements;
3. Satisfactorily completed the appropriate Plan of Study for the degree option selected.

Plan of Study

A Plan of Study is a set of courses and a thesis or project activity chosen and completed in a sequence that meets the needs and interests of the individual student and the degree requirements and other stipulations of the University, College of Engineering and Computer Science and the Department. Prior to or immediately upon admission to the program, students should discuss their options with the graduate advisor for the Department. There is no requirement for master's students to be full-time, nor is there an on-campus service requirement. The Plan of Study must be approved by the graduate advisor and the student's supervisory committee no later than the end of the student's first semester in the program, regardless of the number of credits earned. After this time, modifications must be approved by the supervisory committee.

Degree Options

Two options are available to students pursuing the M.S. in Civil Engineering degree: the thesis option and the project option. Both options are described below. In each case, a minimum cumulative grade point average of 3.0 is required on all coursework attempted.

Master of Science with Major in Civil Engineering (with Thesis)

This degree requires a minimum of 30 credits: 24 credits of coursework (5000 and above) following one of the program concentrations and a 6-credit thesis that is successfully completed and defended at an oral examination. All students receiving financial support from the Department are required to complete the thesis option.

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Master of Science with Major in Civil Engineering (with Project)

This degree requires a minimum of 33 credits: 30 credits of coursework (5000 and above) following one of the program concentrations and a 3-credit, practice-oriented project. All students are required to take the experimental design class in their first two semesters.

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This catalog contains statements of regulations that apply to all graduate students. Of particular interest are the sections on Admissions, Degree Programs and Degree Requirements. Statements referring to foreign language requirements do not apply to Civil Engineering Master of Science majors.

Program Concentrations

Areas of concentration are :

- Structural/Geotechnical Engineering
- Transportation/Geomatics Engineering
- Water Resources/Environmental Engineering

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