

 FLORIDA ATLANTIC UNIVERSITY	NEW/CHANGE PROGRAM REQUEST Graduate Programs	UGPC Approval _____ UFS Approval _____ Banner Posted _____ Catalog _____
	Department Ocean and Mechanical Engineering (OME) College Engineering and Computer Science	
Program Name Ocean and Mechanical Engineering MS & PhD programs	<input type="checkbox"/> New Program <input checked="" type="checkbox"/> Change Program	Effective Date (TERM & YEAR) Fall 2019
<p>Please explain the requested change(s) and offer rationale below or on an attachment</p> <p>This proposal updates the GRE requirements for the MS and PhD programs in the OME department:</p> <ul style="list-style-type: none"> - the minimum value is removed from the GRE requirements in the MS and PhD programs - MS programs: the GRE requirement is waived for students that have a BS degree from OME with GPA at least 3.25 in the last 60 credits - PhD programs: the GRE requirement is waived for students that have a MS degree from OME department. 		
Faculty Contact/Email/Phone Dr. Francisco Presuel-Moreno / fpresuel@fau.edu / 954-924-7236	Consult and list departments that may be affected by the change(s) and attach documentation NA	
Approved by Department Chair _____ College Curriculum Chair _____ College Dean _____ UGPC Chair _____ UGC Chair _____ Graduate College Dean _____ UFS President _____ Provost _____	Date 11-19-18 11/19/18 11/20/2018 12/12/18 12/12/18 12/12/2018	

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.

Master's Program

Master of Science with Major in Ocean Engineering

Admission Requirements

Specific admission requirements for Ocean Engineering are more stringent than the general FAU graduate admissions requirements.

A candidate for the master's program in Ocean Engineering must satisfy the following entry requirements:

1. A baccalaureate or equivalent degree in Engineering, Science or Mathematics;
2. A 3.0 (on a 4.0 scale) GPA or better in the last 60 credits of undergraduate work;
3. Scores of at least 145 (verbal) and 150 (quantitative) on the Graduate Record Examination (GRE). Submission of the Graduate Record Examination (GRE) score is required. GRE scores more than five years old will not be accepted. The GRE requirement is waived for applicants that have a bachelor's degree from FAU's Ocean and Mechanical Engineering Department with a GPA of at least 3.25 over the last 60 credits.
4. Must demonstrate 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 at least 550 (paper-based) or 213 (computer-based) or 79 (iBT);
5. All students will have a thesis or advisory committee during their studies. For thesis students, their advisor is the chair of the advisory committee. A thesis or advisory committee must be formed before a plan of study can be filed;
6. Students who enter the program without an assistantship will be assigned a mentor by the chair of the graduate committee. Students without an advisor are required to visit at least three faculty members during their first semester requesting to form an advisory committee. A report on the outcome of the faculty visits must be filed with the campus graduate coordinator.
7. Adherence to the policies and regulations and the graduate admission requirements of the University as outlined in this University catalog;
8. Conditional admission may be permitted if the above requirements are not met.

Master of Science with Major in Mechanical Engineering (Thesis Option)

Master of Science with Major in Mechanical Engineering Non-Thesis Option and Non-Thesis Option with a Business Minor

Admission Requirements

Usual admission requirements are as follows. Students with non-engineering bachelor's degrees, click [here](#) for additional requirements.

1. A baccalaureate degree in Engineering, Natural Science or Mathematics, but preferably in Mechanical Engineering and from a regionally accredited institution. A student who does not have a background in mechanical engineering should expect to take additional undergraduate mechanical engineering coursework.
2. Demonstrated proficiency in both written and spoken English. A student from a non-English-speaking country is required to take the Test of English as a Foreign Language (TOEFL) exam and achieve a score of at least 550 (CBT-213, iBT-79).
3. At least a 3.0 (of a 4.0 maximum) GPA in the last 60 credits attempted prior to graduation.
4. A score of 145 or higher on the verbal and 150 or higher on the quantitative portions of the Graduate Record Examination (GRE) or a combined score of 1000 or higher on the verbal and quantitative portions of the GRE taken

GRADUATE COLLEGE

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Received

~~prior to fall 2011. GRE scores more than five years old will not be accepted. Submission of the Graduate Record Examination (GRE) score is required. GRE scores more than five years old will not be accepted. The GRE requirement is waived for applicants that have a bachelor's degree from FAU's Ocean and Mechanical Engineering Department with a GPA of at least 3.25 over the last 60 credits.~~

5. Petitions for admittance to the program will not be accepted when a student wishes to include more than five courses taken as a non-degree-seeking student.

Master of Science with Major in Mechanical Engineering and Engineering Management Minor

This Master of Science degree program with a minor in Engineering Management is a 36-credit program consisting of advanced courses in mechanical engineering as well as courses in the College of Business. Candidates for this program should have an undergraduate degree in mechanical engineering with a minimum GPA of 3.0 and ~~a score of 145 or higher on the verbal and 150 or higher on the quantitative portions of the Graduate Record Examination (GRE), or a combined score of 1000 or higher on the verbal and quantitative portions of the GRE taken prior to fall 2014~~submission of the Graduate Record Examination (GRE) is required. GRE scores more than five years old will not be accepted. The GRE requirement is waived for applicants that have a bachelor's degree from FAU's Ocean and Mechanical Engineering Department with a GPA of at least 3.25 over the last 60 credits. Non-English-speaking candidates must have a minimum score of 550 on the TOFEL. Two reference letters and at least two years of professional experience are also required.

DOCTORAL PROGRAM

Doctor of Philosophy with Major in Ocean Engineering

Admission Requirements

Applicants must have a master's degree in Engineering, Science or Mathematics from an accredited college or university. A student with outstanding scholastic achievement who holds only a baccalaureate degree may be admitted directly to the Ph.D. program. See later section for requirements.

1. Applicants must have a 3.0 GPA (on a 4.0 scale) or better in the last 60 credits of work attempted and must have an official transcript forwarded directly to the FAU Graduate College from each college-level institution attended;

~~2. Applicants must have scores of at least 145 (verbal) and 150 (quantitative) on the Graduate Record Examination (GRE); Applicants must submit the Graduate Record Examination (GRE) score. GRE scores more than five years old will not be accepted. The GRE requirement is waived for applicants that have a MS degree from FAU's Ocean and Mechanical Engineering Department.~~

3. Applicants must demonstrate proficiency in both written and spoken English. A student from a non-English-speaking country is required to take the Test of English as a Foreign Language (TOEFL) and achieve a score of at least 550 (paper-based) or 213 (computer-based) or 79 (iBT);

4. Applicants must submit to the Graduate College at least two letters of recommendation attesting to the student's ability to pursue with distinction a curriculum of advanced study and research in a chosen area;

5. Applicants should abide by the policies and regulations and the graduate admission requirements of the University as outlined in this University Catalog;

6. Conditional admission may be permitted if the above conditions are not met.

Doctor of Philosophy with Major in Mechanical Engineering

Admission Requirements

Minimum requirements for admission to doctoral studies in mechanical engineering are as follows:

1. A baccalaureate in engineering or a related field from a recognized institution;
2. An average of "B" or better in the last 60 credits of work attempted;
3. ~~A score of 145 or higher on the verbal and 150 or higher on the quantitative portions of the Graduate Record Examination (GRE) or a combined score of 1000 or higher on the verbal and quantitative portions of the GRE taken prior to fall 2011.~~ Submission of the Graduate Record Examination (GRE) score is required. GRE scores more than five years old will not be accepted. The GRE requirement is waived for applicants that have a MS degree from FAU's Ocean and Mechanical Engineering Department.
4. Demonstrated proficiency in both written and spoken English. A student from a non-English-speaking country is required to take the test of English as a Foreign Language (TOEFL) and achieve a score of at least 550 (CBT-213, iBT-79);
5. Three letters of reference attesting to the student's potential for graduate studies in mechanical engineering;
6. Approval for admission by the Department of Ocean and Mechanical Engineering. Usually, an applicant admitted will have a strong record of achievement that exceeds the minimum requirements. It is anticipated almost every applicant will already have a master's degree, but it is not an absolute requirement. Approval for admission by the department will be based on an evaluation of the student's record in terms of likelihood of success in the Ph.D. program.

Admission to doctoral studies does not constitute admission to candidacy for the degree.