

 <b>FLORIDA ATLANTIC UNIVERSITY</b>	<b>NEW/CHANGE PROGRAM REQUEST</b> <b>Graduate Programs</b>		UGPC Approval _____ UFS Approval _____ Banner _____ Catalog _____
	<b>Department</b> Ocean & Mechanical Engineering <b>College</b> Engineering and Computer Science		
<b>Program Name</b> PhD in Mechanical Engineering		<input type="checkbox"/> <b>New Program*</b> <input checked="" type="checkbox"/> <b>Change Program*</b>	<b>Effective Date</b> (TERM & YEAR) Spring 2022
<p><b>Please explain the requested change(s) and offer rationale below or on an attachment.</b></p> <p>This proposal is to update the degree requirements for the PhD in Mechanical Engineering to include:</p> <ol style="list-style-type: none"> <li>1. A Master's degree in Engineering or a related field</li> <li>2. A GPA of 3.0 or better in the last 60 credits.</li> </ol> <p>The proposal has been approved by the Department.</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>			
<b>Faculty Contact/Email/Phone</b> Dr. Francisco Presuel-Moreno fpresuel@fau.edu 954-924-7236		<b>Consult and list departments that may be affected by the change(s) and attach documentation</b> This change does not affect any other Department.	
<b>Approved by</b>			<b>Date</b>
Department Chair <u>Manhuan Chen</u>			4/20/2021
College Curriculum Chair <u>Francisco Presuel-Moreno</u>			4/21/2021
College Dean <u>McCarder</u>			4/21/2021
UGPC Chair <u>Christopher Beetle</u>			Aug 19, 2021
UGC Chair <u>Paul R. Linder</u>			Aug 19, 2021
Graduate College Dean <u>Robert W. Sherry</u>			Aug 20, 2021
UFS President _____			_____
Provost _____			_____

Email this form and attachments to [UGPC@fau.edu](mailto:UGPC@fau.edu) 10 days before the UGPC meeting.

## DOCTORAL PROGRAM

### Doctor of Philosophy with Major in Mechanical Engineering

The degree of Doctor of Philosophy with major in Mechanical Engineering is conferred by the University primarily in recognition of a demonstrated ability for independent and original research in the discipline. This ability must be supported by a comprehensive and coordinated plan of advanced study designed to provide a strong background in the fundamentals of mechanical engineering and related areas.

#### Admission Requirements

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

1. A ~~baccalaureate~~ **Master's degree** in engineering or a related field from a recognized institution. **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.**
2. ~~An average of "B"~~ **A GPA of 3.0** or better in the last 60 credits of work attempted;
3. 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 who have a master of science 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.