

 FLORIDA ATLANTIC UNIVERSITY	NEW/CHANGE PROGRAM REQUEST Graduate Programs		UGPC Approval _____ UFS Approval _____ Banner _____ Catalog _____																				
	Department Ocean and Mechanical Engineering College of Engineering and Computer Science																						
Program Name MS in ME, MS in OE PhD in ME, PhD in OE		☐ New Program* ☒ Change Program*	Effective Date (TERM & YEAR) Spring 2022																				
Please explain the requested change(s) and offer rationale below or on an attachment. We would like to update the deadline for accepting applications. The applications for international students will be as recently recommended by the graduate college. <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Applicants</td> <td style="width: 15%;">Filing Dates</td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> </tr> <tr> <td></td> <td>Fall</td> <td>Spring</td> <td>Summer</td> <td></td> </tr> <tr> <td>Domestic</td> <td>July 1</td> <td>November 1</td> <td>April 1</td> <td></td> </tr> <tr> <td>International</td> <td>June 1</td> <td>October 1</td> <td>March 1</td> <td></td> </tr> </table>				Applicants	Filing Dates					Fall	Spring	Summer		Domestic	July 1	November 1	April 1		International	June 1	October 1	March 1	
Applicants	Filing Dates																						
	Fall	Spring	Summer																				
Domestic	July 1	November 1	April 1																				
International	June 1	October 1	March 1																				
*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 Francisco J. Presuel-Moreno fpresuel@fau.edu 954-924-7236		Consult and list departments that may be affected by the change(s) and attach documentation																					
Approved by			Date																				
Department Chair <u></u>			_____																				
College Curriculum Chair <u></u>			<u>09/22/2021</u>																				
College Dean <u></u>			<u>9/22/2021</u>																				
UGPC Chair <u></u>			<u>Oct 22, 2021</u>																				
UGC Chair <u></u> Paul R. Peluso (Oct 22, 2021 15:47 EDT)			<u>Oct 22, 2021</u>																				
Graduate College Dean <u></u> Robert W. Stackman (Oct 22, 2021 16:41 EDT)			<u>Oct 22, 2021</u>																				
UFS President _____			_____																				
Provost _____			_____																				

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

Graduate Programs

College of Engineering and Computer Science

Degree: Master of Science (M.S.)

Major: Mechanical Engineering

Concentrations: Aerospace Engineering

Research Areas: Energy and Thermal Systems, Fluid Mechanics, Fluid Structure Interaction, Composite Materials, Nanomaterials, Fatigue and Fracture, Stochastic Dynamics and Random Vibration, Reliability Analysis, Finite Element Method, Rehabilitation Engineering, Biomechanics, Bioengineering, Bio-inspired Engineering, Cell Biomechanics and Biophysics, Microfluidics, Biomaterials, Stem Cell and Tissue Engineering, Bone Regeneration, Robotics, Brain machine Interface.

Important information about applying to Graduate School:

- ✓ **Official Transcripts:** Official Transcripts and/or Official Foreign Credential Evaluations must be received from each college or university attended. For more information on how to send transcripts, please visit our [website](#).
- ✓ **Supporting documentation:** Supplemental documents should be uploaded as separate files as part of the online graduate application. NOTE: You will not be able to submit your application until all the supplemental materials are uploaded.
- ✓ **Conduct:** A "yes" answer to either of the conduct questions on the online application will require a written explanation. Additional information may be requested when your application is under review. Applications will not be fully processed until all conduct issues are cleared.
- ✓ **Application status:** Once your application has been submitted, you can check your application status online to ensure transcripts and test scores have been received.
- ✓ **Residency classification:** Your residency classification automatically defaults to non-Florida. After you are admitted, the residency officer will request additional documents by email if needed.



Contact/ Information

Anastasia Calnick, Academic Coordinator
College of Engineering and Computer Science
Engineering West (EG-36), Room 102
Boca Raton Campus: [Interactive Map](#)

(T) 561.297.6446

(E) acalnick@fau.edu

(W) <http://www.ome.fau.edu/graduate/ms/mechanical/index.php>

Application Deadlines

Domestic Students

Fall: July 1
Spring: November 1
Summer: April 1

International Students

Fall: February 15 June 1
Spring: July 15 October 1
Summer: January 15 March 1

Admission Requirements

Domestic Students

- Undergraduate GPA of 3.0
- B.S. in Engineering or related field
- GRE is required; there are no minimum sub-score requirements

International Students

- Undergraduate GPA of 3.0
- B.S. in Engineering or related field
- GRE is required; there are no minimum sub-score requirements
- A general evaluation of international transcripts is required; FAU will do the evaluation or it must be done by a NACES member
- TOEFL score of 550 on PBT (paper-based test) or 79 iBT (internet-based test) or 213 CBT (computer-based test); IELTS 6.0; Duolingo 100

Graduate Programs

College of Engineering and Computer Science

Degree: Master of Science (M.S.)

Major: Ocean Engineering

Research Areas: Autonomous Surface and Underwater Vehicles, Underwater Imaging and Communication, Physical Oceanography, Marine Renewable Energy, Signal Processing, Sonar and Transducer System Design, Bio-inspired Engineering and Design, Corrosion and Cathodic Protection, Nano-structured Materials, Offshore and Ship Structures

Important information about applying to Graduate School:

- ✓ **Official Transcripts:** Official Transcripts and/or Official Foreign Credential Evaluations must be received from each college or university attended. For more information on how to send transcripts, please visit our [website](#).
- ✓ **Supporting documentation:** Supplemental documents should be uploaded as separate files as part of the online graduate application. NOTE: You will not be able to submit your application until all the supplemental materials are uploaded.
- ✓ **Conduct:** A "yes" answer to either of the conduct questions on the online application will require a written explanation. Additional information may be requested when your application is under review. Applications will not be fully processed until all conduct issues are cleared.
- ✓ **Application status:** Once your application has been submitted, you can check your application status online to ensure transcripts and test scores have been received.
- ✓ **Residency classification:** Your residency classification automatically defaults to non-Florida. After you are admitted, the residency officer will request additional documents by email if needed.



Contact/ Information

Anastasia Calnick, Academic Coordinator
College of Engineering and Computer Science
Engineering West (EG-36), Room 102
Boca Raton Campus: [Interactive Map](#)

(T) 561.297.6446

(E) acalnick@fau.edu

(W) <http://www.ome.fau.edu/graduate/ms/ocean/index.php>

Application Deadlines

Domestic Students

Fall: July 1
Spring: November 1
Summer: April 1

International Students

Fall: ~~February 15~~ June 1
Spring: ~~July 15~~ October 1
Summer: ~~January 15~~ March 1

Admission Requirements

Domestic Students

- B.S. in Engineering or related field
- Undergraduate GPA of 3.0
- GRE is required; there are no minimum sub-score requirements

International Students

- B.S. in Engineering or related field
- Undergraduate GPA of 3.0
- GRE is required; there are no minimum sub-score requirements
- A general evaluation of international transcripts is required; FAU will do the evaluation or it must be done by a NACES member
- TOEFL score of 550 on PBT (paper-based test) or 79 IBT (internet-based test) or 213 CBT (computer-based test); IELTS 6.0; Duolingo 100

Graduate Programs

College of Engineering and Computer Science

Degree: Doctor of Philosophy (Ph.D.)

Major: Mechanical Engineering

Concentrations: Neuroengineering, Aerospace Engineering

Research Areas: Energy and Thermal Systems, Fluid Mechanics, Fluid Structure Interaction, Composite Materials, Nanomaterials, Fatigue and Fracture, Stochastic Dynamics and Random Vibration, Reliability Analysis, Finite Element Method, Rehabilitation Engineering, Biomechanics, Bioengineering, Bio-inspired Engineering, Cell Biomechanics and Biophysics, Microfluidics, Biomaterials, Stem Cell and Tissue Engineering, Bone Regeneration, Robotics, Brain machine Interface.

Important information about applying to Graduate School:

- ✓ **Official Transcripts:** Official Transcripts and/or Official Foreign Credential Evaluations must be received from each college or university attended. For more information on how to send transcripts, please visit our [website](#).
- ✓ **Supporting documentation:** Supplemental documents should be uploaded as separate files as part of the online graduate application. NOTE: You will not be able to submit your application until all the supplemental materials are uploaded.
- ✓ **Conduct:** A "yes" answer to either of the conduct questions on the online application will require a written explanation. Additional information may be requested when your application is under review. Applications will not be fully processed until all conduct issues are cleared.
- ✓ **Application status:** Once your application has been submitted, you can check your application status online to ensure transcripts and test scores have been received.
- ✓ **Residency classification:** Your residency classification automatically defaults to non-Florida. After you are admitted, the residency officer will request additional documents by email if needed.



Contact/ Information

Anastasia Calnick, Academic Coordinator
College of Engineering and Computer Science
Engineering West (EG-36), Room 102
Boca Raton Campus: [Interactive Map](#)

(T) 561.297.6446

(E) acalnick@fau.edu

(W) <http://www.ome.fau.edu/graduate/phd/mechanical/index.php>

Application Deadlines

Domestic Students

Fall: July 1

Spring: November 1

Summer: April 1

International Students

Fall: ~~February 15~~ June 1

Spring: ~~July 15~~ October 1

Summer: January 15 March 1

Admission Requirements

Domestic Students

- Baccalaureate in engineering or a related field from a recognized institution
- An average of "B" or better in the last 60 credits of work attempted
- GRE is required; there are no minimum sub-score requirements
- Three letters of recommendation

International Students

- Baccalaureate in engineering or a related field from a recognized institution
- An average of "B" or better in the last 60 credits of work attempted
- GRE is required; there are no minimum sub-score requirements
- Three letters of recommendation
- A general evaluation of international transcripts is required; FAU will do the evaluation or it must be done by a NACES member
- TOEFL score of 550 on PBT (paper-based test) or 79 iBT (internet-based test) or 213 CBT (computer-based test); IELTS 6.0; Duolingo 100

Graduate Programs

College of Engineering and Computer Science

Degree: Doctor of Philosophy (Ph.D.)

Major: Ocean Engineering

Research Areas: Autonomous Surface and Underwater Vehicles, Underwater Imaging and Communication, Physical Oceanography, Marine Renewable Energy, Signal Processing, Sonar and Transducer System Design, Bio-inspired Engineering and Design, Corrosion and Cathodic Protection, Nano-structured Materials, Offshore and Ship Structures

Important information about applying to Graduate School:

- ✓ **Official Transcripts:** Official Transcripts and/or Official Foreign Credential Evaluations must be received from each college or university attended. For more information on how to send transcripts, please visit our [website](#).
- ✓ **Supporting documentation:** Supplemental documents should be uploaded as separate files as part of the online graduate application. NOTE: You will not be able to submit your application until all the supplemental materials are uploaded.
- ✓ **Conduct:** A "yes" answer to either of the conduct questions on the online application will require a written explanation. Additional information may be requested when your application is under review. Applications will not be fully processed until all conduct issues are cleared.
- ✓ **Application status:** Once your application has been submitted, you can check your application status online to ensure transcripts and test scores have been received.
- ✓ **Residency classification:** Your residency classification automatically defaults to non-Florida. After you are admitted, the residency officer will request additional documents by email if needed.



Contact/ Information

Anastasia Calnick, Academic Coordinator
College of Engineering and Computer Science
Engineering West (EG-36), Room 102
Boca Raton Campus: [Interactive Map](#)

(T) 561.297.6446

(E) acalnick@fau.edu

(W) <http://www.ome.fau.edu/graduate/phd/ocean/index.php>

Application Deadlines

Domestic Students

Fall: July 1
Spring: November 1
Summer: April 1

International Students

Fall: February 15 June 1
Spring: July 15 October 1
Summer: January 15 March 1

Admission Requirements

Domestic Students

- Master's degree in Engineering, Science, or Mathematics
- A GPA of 3.0 in the last 60 credits of work attempted
- GRE is required; there are no minimum sub-score requirements
- Two letters of recommendation

International Students

- Master's degree in Engineering, Science, or Mathematics
- A GPA of 3.0 in the last 60 credits of work attempted
- GRE is required; there are no minimum sub-score requirements
- Two letters of recommendation
- A general evaluation of international transcripts is required; FAU will do the evaluation or it must be done by a NACES member
- TOEFL score of 550 on PBT (paper-based test) or 79 IBT (internet-based test) or 213 CBT (computer-based test); IELTS 6.0; Duolingo 100