

# 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

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(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

Spring: July 15 *\*Temporary extension: Oct. 1*

Summer: January 15

## 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