

 <b>FLORIDA ATLANTIC UNIVERSITY</b>	<b>NEW/CHANGE PROGRAM REQUEST</b> <b>Graduate Programs</b>		UGPC Approval _____ UFS Approval _____ Banner _____ Catalog _____
	Department _____  College _____		
Program Name _____	New Program* _____  Change Program* _____	Effective Date _____ (TERM & YEAR)	
Please explain the requested change(s) and offer rationale below or on an attachment.			
<small>*All new programs and changes to existing programs must be accompanied by a catalog entry showing the new or proposed changes.</small>			
Faculty Contact/Email/Phone _____		Consult and list departments that may be affected by the change(s) and attach documentation _____	
<b>Approved by</b> Department Chair <u>Hangi Zhuang</u> College Curriculum Chair _____ College Dean _____ UGPC Chair _____ UGC Chair _____ Graduate College Dean _____ UFS President _____ Provost _____			<b>Date</b> <u>9/7/21</u> <u>9/9/2021</u> <u>9/9/2021</u> _____ _____ _____ _____

# Graduate Programs

\*Application deadlines are not in catalog

## College of Engineering and Computer Science

**Degree:** Master of Science (M.S.)

**Major:** Artificial Intelligence

**Research Areas:** Artificial Intelligence, Machine Learning, Information Retrieval, Computer Vision, Data Analytics and Algorithms, Knowledge Management and Reasoning, and Applications of AI in various fields such as Robotics, Medicine and Healthcare.

### 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



**Jean Mangiaracina**

College of Engineering and Computer Science  
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(E) [jmangiar@fau.edu](mailto:jmangiar@fau.edu)

(W) <http://www.ceecs.fau.edu/graduate/ms/artificial-intelligence/>

### 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

- A baccalaureate degree
- Undergraduate GPA of 3.0
- GRE is required; there are no minimum sub-score requirements

### International Students

- A baccalaureate degree
- 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 500 on PBT (paper-based test) or 79 IBT (internet-based test) or 213 CBT (computer-based test); IELTS 6.0; Duolingo 100

# Graduate Programs

\*Application deadlines are not in catalog

## College of Engineering and Computer Science

**Degree:** Master of Science (M.S.)

**Major:** Biomedical Engineering

**Research Areas:** Bioinformatics and Data Mining, Tissue Engineering and Nanotechnology, Robotics for Biotechnology, Image Processing for Bio-Imaging and for Bio-Image-Informatics, Technology Solutions in Health Care Engineering.

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### Contact/ Information



**Dr. Zvi Roth**

College of Engineering and Computer Science  
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(W) <http://www.ceecs.fau.edu/graduate/ms/bioengineering/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

- A baccalaureate in Biology, Chemistry, Physics, Computer Science or Engineering
- Undergraduate GPA of 3.0
- GRE is required; there are no minimum sub-score requirements

### International Students

- A baccalaureate in Biology, Chemistry, Physics, Computer Science or Engineering
- 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 500 on PBT (paper-based test) or 79 IBT (internet-based test) or 213 CBT (computer-based test); IELTS 6.0; Duolingo 100

# Graduate Programs

\*Application deadlines are not in catalog

## College of Engineering and Computer Science

**Degree:** Master of Science (M.S.)

**Major:** Computer Engineering

**Research Areas:** Wireless and Sensor Networks, Image, Video, and Multimedia Systems, Machine Learning and Data Mining, Mobile Computing, Embedded Systems and Applications.

### Important information about applying to Graduate School:

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### Contact/ Information



**Jean Mangiaracina**

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### Application Deadlines

#### Domestic Students

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#### International Students

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October 1  
March 1**

## Admission Requirements

### Domestic Students

- Undergraduate GPA of 3.0
- GRE is required; there are no minimum sub-score requirements

### International Students

- 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 500 on PBT (paper-based test) or 79 IBT (internet-based test) or 213 CBT (computer-based test); IELTS 6.0; Duolingo 100

# Graduate Programs

\*Application deadlines are not in catalog

## College of Engineering and Computer Science

Degree: Master of Science (Professional)

Major: Computer Science

**Research Areas:** Wireless and Sensor Networks, Image, Video, and Multimedia Systems, Machine Learning and Data mining, Mobile Computing, and Secure Systems.

### Important information about applying to Graduate School:

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### Contact/ Information



#### Wendy Burrion

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(W) [www.ceecs.fau.edu](http://www.ceecs.fau.edu)

### 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
- GRE is required; there are no minimum sub-score requirements

### International Students

- 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 500 on PBT (paper-based test) or 79 IBT (internet-based test) or 213 CBT (computer-based test); IELTS 6.0; Duolingo 100

# Graduate Programs

\*Application deadlines are not in catalog

## College of Engineering and Computer Science

Degree: Master of Science (M.S.)

Major: Computer Science

**Research Areas:** Wireless and Sensor Networks, Image, Video, and Multimedia Systems, Machine Learning and Data mining, Mobile Computing, and Secure Systems.

### 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](#).
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### Application Deadlines

#### Domestic Students

Fall: July 1

Spring: November 1

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#### International Students

Fall:	<del>February 15</del>	<b>June 1</b>
Spring:	<del>July 15</del>	<b>October 1</b>
Summer:	<del>January 15</del>	<b>March 1</b>

## Admission Requirements

### Domestic Students

- Undergraduate GPA of 3.0
- GRE is required; there are no minimum sub-score requirements

### International Students

- 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 500 on PBT (paper-based test) or 79 IBT (internet-based test) or 213 CBT (computer-based test); IELTS 6.0; Duolingo 100

# Graduate Programs

\*Application deadlines are not in catalog

## College of Engineering and Computer Science

Degree: Master of Science (M.S.)

Major: Data Science and Analytics

Concentration: Data Science and Engineering

### 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.
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### Contact/ Information



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(W) <http://www.fau.edu/graduate/programs/datascienceandanalytics.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 of the last 60 credits from a regionally accredited college or university
- GRE is required; there are no minimum sub-score requirements
- Must have taken the following courses (or it's equivalence): MAC 2233 (Method of Calculus), STA 2023 (Introductory Statistics), and computer programming COP 2220 or MAD 2502

### International Students

- Undergraduate GPA of 3.0 of the last 60 credits from a regionally accredited college or university
- GRE is required; there are no minimum sub-score requirements
- Must have taken the following courses (or it's equivalence): MAC 2233 (Method of Calculus), STA 2023 (Introductory Statistics), and computer programming COP2220 and MAD 2502
- 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 500 on PBT (paper-based test) or 79 IBT (internet-based test) or 213 CBT (computer-based test); IELTS 6.0; Duolingo 100



# Graduate Programs

\*Application deadlines are not in catalog

## College of Engineering and Computer Science

**Degree:** Master of Science (M.S.)

**Major:** Electrical Engineering

**Research Areas:** Wireless and Sensor Networks, Image, Video, and Multimedia Systems, Telecommunications and Computer Networking, Mobile Computing, and Embedded Systems and Applications.

### 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](#).
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### 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

- Bachelor's degree in Engineering, Natural Science, or Mathematics
- Undergraduate GPA of 3.0
- GRE is required; there are no minimum sub-score requirements

### International Students

- Bachelor's degree in Engineering, Natural Science, or Mathematics
- 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 500 on PBT (paper-based test) or 79 IBT (internet-based test) or 213 CBT (computer-based test); IELTS 6.0; Duolingo 100



# Graduate Programs

\*Application deadlines are not in catalog

## College of Engineering and Computer Science

Degree: Master of Science (M.S.)

Major: Information Technology and Management

Concentrations: Advanced Information Technology, Computer Science

Data Analytics

### 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.
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### Application Deadlines

#### Domestic Students

Fall: July 1

Spring: November 1

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#### International Students

Fall: ~~February 15~~

Spring: ~~July 15~~

Summer: ~~January 15~~

June 1  
October 1  
March 1

## Admission Requirements

### Domestic Students

Note: This is a joint program between the College of Business and the College of Engineering and Computer Science; admissions requirements are specific to each program.

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

### International Students

Note: This is a joint program between the College of Business and the College of Engineering and Computer Science; admissions requirements are specific to each program.

- B.S. in Engineering or equivalent
- Undergraduate GPA of 3.0
- GRE/GMAT is required; there are no minimum sub-score requirements
- A course-by-course evaluation is required for international transcripts; FAU will do the evaluation internally or it must be done by a NACES member
- TOEFL score of 500 on PBT (paper-based test) or 79 IBT (internet-based test) or 213 CBT (computer-based test); IELTS 6.0; Duolingo 100

# Graduate Programs

\*Application deadlines are not in catalog

## College of Engineering and Computer Science

**Degree:** Doctor of Philosophy (Ph.D.)

**Major:** Computer Engineering

**Research Areas:** Wireless and Sensor Networks, Image, Video, and Multimedia Systems, Machine Learning and Data Mining, Mobile Computing, Embedded Systems and Applications

### 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](#).
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### Application Deadlines

#### Domestic Students

Fall: July 1

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#### 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, Computer Science or related discipline
- Undergraduate GPA of 3.0
- Graduate GPA of 3.3
- GRE is required; there are no minimum sub-score requirements
- Three letters of recommendations (two from faculty)

### International Students

- Master's degree in Engineering, Computer Science or related discipline
- Undergraduate GPA of 3.0
- Graduate GPA of 3.3
- GRE is required; there are no minimum sub-score requirements
- Three letters of recommendation (two from faculty)
- 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 500 on PBT (paper-based test) or 79 IBT (internet-based test) or 213 CBT (computer-based test); IELTS 6.0; Duolingo 100

# Graduate Programs

\*Application deadlines are not in catalog

## College of Engineering and Computer Science

**Degree:** Doctor of Philosophy (Professional)

**Major:** Computer Science

**Concentration:** Data Science and Analytics

**Research Areas:** Wireless and Sensor Networks, Image, Video, and Multimedia Systems, Machine Learning and Data Mining, Mobile Computing, and Secure Systems

### Important information about applying to Graduate School:

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### Contact/ Information



**Wendy Burrior**

College of Engineering and Computer Science  
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(W) [www.ceecs.fau.edu](http://www.ceecs.fau.edu)

### Application Deadlines

#### Domestic Students

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## Admission Requirements

### Domestic Students

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### International Students

- Master's degree in Engineering, Computer Science or related discipline
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# Graduate Programs

\*Application deadlines are not in catalog

## College of Engineering and Computer Science

**Degree:** Doctor of Philosophy (Ph.D.)

**Major:** Computer Science

**Concentration:** Data Science and Analytics

**Research Areas:** Wireless and Sensor Networks, Image, Video, and Multimedia Systems, Machine Learning and Data Mining, Mobile Computing, and Secure Systems

### Important information about applying to Graduate School:

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- Master's degree in Engineering, Computer Science or related discipline
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### International Students

- Master's degree in Engineering, Computer Science or related discipline
- Undergraduate GPA of 3.0
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- Three letters of recommendations (two from faculty)
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# Graduate Programs

\*Application deadlines are not in catalog

## College of Engineering and Computer Science

**Degree:** Doctor of Philosophy (Ph.D.)

**Major:** Electrical Engineering

**Concentration:** Neuroengineering

**Research Areas:** Wireless and Sensor Networks, Image, Video, and Multimedia Systems, Telecommunications and Computer Networking, Mobile Computing, and Embedded Systems and Applications.

### 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](#).
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- ✓ **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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### Application Deadlines

#### Domestic Students

Fall: July 1

Spring: November 1

Summer: April 1

#### International Students

Fall: ~~February 15~~

Spring: ~~July 15~~

Summer: ~~January 15~~

**June 1**  
**October 1**  
**March 1**

## Admission Requirements

### Domestic Students

- Master's degree in Engineering, Computer Science or related discipline
- GPA of 3.3 in the last 60 credits attempted in the relevant field
- GRE is required; there are no minimum sub-score requirements
- Two letters of recommendations

### International Students

- Master's degree in Engineering, Computer Science or related discipline
- GPA of 3.3 in the last 60 credits attempted in the relevant field
- GRE is required; there are no minimum sub-score requirements
- Two letters of recommendations
- 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 500 on PBT (paper-based test) or 79 IBT (internet-based test) or 213 CBT (computer-based test); IELTS 6.0; Duolingo 100