A Guide for the Graduate Student
A Graduate School Rooted in Research

Florida Institute of Technology is a national, doctoral-granting research university that offers an immersive, hands-on research environment where curiosity is embraced and innovation is championed.

Florida Tech is the ideal graduate school for collaborative research. Students and faculty from interdisciplinary backgrounds work together to enhance the body of knowledge for science, engineering, aeronautics, business, humanities, mathematics, psychology, communication and education.

Core areas of research specialization include:
- Behavior analysis
- Space commercialization
- Planetary science
- Cybersecurity and national security
- STEM education
- Entrepreneurship
- Autism
- Green chemistry
- Climate change

How to Apply

» COMPLETE THE APPLICATION: info.fit.edu/grad-apply-online

» SUBMIT THE APPLICATION FEE: $50/master’s; $60/doctoral

» EXAMS: Graduate students applying for the Ph.D., Psy.D. and several of the master’s programs are required to take the Graduate Record Examination (GRE). Although not required, the GMAT is strongly recommended. Substitution of GRE scores for the GMAT is allowed.

» OFFICIAL TRANSCRIPTS: Official transcripts from all schools attended are required for all students seeking admission.

Additional requirements are outlined on the “Summary of Required Graduate Admission Materials” chart in this brochure.

FOREIGN CREDENTIAL EVALUATION FOR INTERNATIONAL APPLICANTS
All Melbourne campus degree-seeking international transfer and graduate applicants who have earned credit from institutions outside the United States are required to provide the Florida Tech admission office with an official foreign credit evaluation (FCE) in English. The FCE must be a Course by Course and should include the student’s cumulative grade point average. For more information, see back cover section titled IMPORTANT INFORMATION FOR INTERNATIONAL STUDENTS.

ENGLISH PROFICIENCY Any student whose native language is not English may be accepted for any degree program but will be subject to limitations on registration for academic courses until certain English language requirements are met. Students are strongly urged to sit for an English proficiency exam. See: fit.edu/grad/international/english_proficiency.php
Imagine What You Could Discover

Florida Tech faculty principal investigators conduct more than $94 million in sponsored research—powering the university's labs and 34 research centers and institutes including:

- Behavioral Neuroscience Laboratory
- Center for Applied Criminal Case Analysis
- Center for Aviation Human Factors
- Center for Corrosion and Biofouling Control
- Center for Entrepreneurship and New Business Development
- Center for Ethics and Leadership
- Center for Ferrate Excellence
- Center for High Resolution Microscopy and Imaging
- Center for Lifecycle and Innovation Management
- Center for Organizational Effectiveness
- Center for Remote Sensing
- Center for Software Testing, Education and Research
- Collaborative International Research Centre for Universal Access
- College of Engineering Center for Space Commercialization
- Dynamic Systems and Controls Laboratory
- Fatigue Management Institute
- Federal Aviation Administration Center for Excellence for Commercial Space Exploration
- Florida Center for Automotive Research
- Harris Institute for Assured Information
- Human-Centered Design Institute
- Indian River Lagoon Research Institute
- Institute for Biological and Biomedical Sciences
- Institute for Cross-Cultural Management
- Institute for Energy Systems
- Institute for Marine Research
- Institute for Materials Science and Nanotechnology
- Institute for Research on Global Climate Change
- Laser, Optics and Instrumentation Laboratory
- Microelectronics Laboratory
- National Center for Hydrogen Research
- National Center of Academic Excellence in Information Assurance Research
- Ralph S. Evinrude Marine Operations Center
- Robotics and Spatial Systems Laboratory
- Scott Center for Autism Treatment
- Southeastern Association for Research in Astronomy
- Sportfish Research Institute
- Vero Beach Marine Laboratory
- weVenture
- Wind and Hurricane Impacts Research Laboratory
- Wireless Center of Excellence

Graduate Application Deadlines

All graduate school applicants are encouraged to submit all necessary documents before the desired starting semester deadline. Starting semester dates and deadlines for specific programs are as follows:

SEMESTER START DATES
- Fall ................................................................. August
- Spring .............................................................. January
- Summer .......................................................... May

DEADLINES
- Clinical Psychology Psy.D........................................ Jan. 1
- ABA Ph.D. Programs ............................................. Jan. 15
- I/O Psychology .................................................... Jan. 15
- All ABA M.S. Programs ......................................... Feb. 15
- Biological Sciences ............................................. March 15
- Biotechnology applications accepted for spring and fall terms only.
- Chemistry applications accepted for fall terms only.
- Biological sciences applications are encouraged for the spring and fall.

INTERNATIONAL STUDENT DEADLINES

The application and other required materials must be received by:
- Fall ............................................................. June 8
- Spring ............................................................ Oct. 14
- Summer ......................................................... April 1
As a national research university committed to making education affordable while supporting the continued innovation of its master’s and doctoral degree candidates, Florida Tech offers scholarships and graduate assistantships to qualified students.

**Graduate Assistantships**
Graduate assistantships, both research and teaching, are available for domestic and international students. Awards of graduate assistantships are determined by each major department. There are two types of Graduate Student Assistantships (GSAs):

- **Teaching Assistants (TAs)** serve in many roles to help faculty teach both undergraduate and graduate lecture courses and laboratories. First-time TAs must attend a Teaching Assistant Seminar prior to beginning their assignments. In addition, there are specific, additional language proficiency requirements for TAs for whom English is not their home language. TAs must be formally evaluated (in writing) by their faculty supervisor as a condition for renewal of their award (normally once per academic year). These evaluations become a part of the TA’s record.

- **Research Assistants (RAs)** work with faculty members on scientific and engineering research projects supported by governmental and private sponsors. In many cases, these projects are directly related to the student’s thesis or dissertation research. Formal evaluations are not required for RAs.

Both TAs and RAs must maintain appropriate GPAs and continue full-time graduate studies in their disciplines in order to retain their assistantships. GSAs may receive a stipend, tuition remission or both as remuneration. Amounts vary and are determined by the departments.

Students awarded a Florida Tech scholarship and a graduate assistantship may choose between either award. A student cannot receive both.

**Financial Assistance for Graduate Students**

In addition to assistantships, student loans are available. Visit the Office of Financial Aid website for additional information, application and requirements.

**Doctoral Graduate Research Assistant Tuition Scholarship (DGRATS)**
Full tuition scholarships are available for graduate research assistants working toward a doctoral degree. Main-campus students who are supported by 15 hours or more per week of research or grant stipends or are on full national fellowships are eligible for the program, which is capped at 45 credits.

Doctoral Graduate Research Assistant Tuition Scholarships require no further actions from applicants. Once you submit your completed admissions application, you will automatically be considered for scholarships and notified if selected.

For more information visit, admission.fit.edu/international/graduate/university-aid.php.

**Graduate Assistantship Requirements**
International applicants who are interested in applying for a graduate assistantship are required to have:

a. GPA of 3.0 for master’s or 3.2 for doctoral student.

b. If the student’s home language is not English, evidence of proficiency for both written and spoken English must be provided, even if they are alumni of English institutions. Conditions are as follows:

   i. For teaching assistants, an official Test of English as Foreign Language (TOEFL) score of at least 600, an equivalent score of at least 100 on the internet-based TOEFL (IBT) or a score of 7.0 on the International English Language Testing System (IELTS) is required.

   ii. For research assistants, an official Test of English as Foreign Language (TOEFL) score of at least 550, an equivalent score of at least 79 on the internet-based TOEFL (IBT) or a score of 6.5 on the International English Language Testing System (IELTS) is required.

   iii. For all newly admitted international graduate students, an official TOEFL, IBT or IELTS must be taken no more than two years before attendance at Florida Tech.

   iv. The International Teaching Assistant Speaking Assessment (ITASA) with a passing score is required for all teaching assistants whose home language is NOT English.

c. All new teaching assistants are required to attend and successfully complete the three-day Teaching Assistant Seminar offered either at the beginning of fall or spring semesters before they are able to teach.

International applicants for a master’s or doctoral degree are considered for a scholarship on a rolling basis and are encouraged to apply considerably in advance of the admission application deadlines. All international students are encouraged to secure scholarships from external sources to help fund their education in the United States. International students may apply for on-campus employment and are permitted to work up to 20 hours per week.
# Summary of Required Graduate Admission Materials

This summary is a quick reference for admission to Florida Tech’s graduate programs. See the individual program of study for application and transcript information.

## Summary of Required Graduate Admission Materials

### Systems Engineering
- Applied Aviation Safety: M.S.A. 3 ✔ ✔ ✔ G
- Aviation (Doctor of Aviation Online): Av.D. 3 ✔ ✔ ✔ G
- Aviation Human Factors: M.S. 3 ✔ ✔ ✔ G
- Human Factors in Aeronautics Online: M.S. 3 ✔ ✔ ✔ G

### Software Engineering M.S.

### Oceanography
- Ocean Engineering: M.S. 3 ✔ ✔ ✔ G
- Oceanography: M.S. 3 ✔ ✔ ✔ G

### Mechanical Engineering
- Systems Engineering: M.S. 2 ✔ ✔ ✔ G

### Information Assurance & Cybersecurity M.S.

### Flight Test Engineering M.S.

### Environmental Science
- Environmental Resource Management: M.S. 3 ✔ ✔ ✔ G
- Environmental Science: M.S. 3 ✔ ✔ ✔ G
- Earth Remote Sensing: M.S. 3 ✔ ✔ ✔ G
- Electrical Engineering: M.S. 3 ✔ ✔ ✔ G
- Engineering Management: M.S. 2 ✔ ✔ ✔ G
- Environmental Resource Management: M.S. 3 ✔ ✔ ✔ G
- Environmental Science: M.S. 3 ✔ ✔ ✔ G
- Flight Test Engineering: M.S. 3 ✔ ✔ ✔ G
- Information Assurance & Cybersecurity: M.S. 3 ✔ ✔ ✔ G
- Mechanical Engineering: M.S. 3 ✔ ✔ ✔ G
- Ocean Engineering: M.S. 3 ✔ ✔ ✔ G
- Oceanography: M.S. 3 ✔ ✔ ✔ G
- Software Engineering: M.S. 3 ✔ ✔ ✔ G
- Systems Engineering: Ph.D. 3 ✔ ✔ ✔ G

### Computer Science
- Computer Information Systems: M.S. 3 ✔ ✔ ✔ G
- Computer Science: M.S. 3 ✔ ✔ ✔ G
- Computer Engineering: M.S. 3 ✔ ✔ ✔ G
- Computer Engineering: Ph.D. 3 ✔ ✔ ✔ G

### Business
- Accounting and Financial Forensics: M.S. 2 ✔ ✔ ✔ G
- Business Administration: MBA 2 ✔ ✔ ✔ G
- Healthcare Management: MBA 2 ✔ ✔ ✔ G

### Engineering and Computing

### Psychology & Liberal Arts
- Applied Behavior Analysis (ABA): M.S. 3 ✔ ✔ ✔ G
- ABA & Organizational Behavior Mgmt.: M.S. 3 ✔ ✔ ✔ G
- Behavior Analysis: Ph.D. 3 ✔ ✔ ✔ G
- Clinical Psychology: Psy.D. 3 ✔ ✔ ✔ G
- Global Strategic Communication: M.S. 3 ✔ ✔ ✔ G
- Industrial/Organizational Psychology: Ph.D. 3 ✔ ✔ ✔ G
- Organizational Behavior Management: M.S. 3 ✔ ✔ ✔ G

### Science
- Applied Mathematics: M.S. 3 ✔ ✔ ✔ G
- Biochemistry: M.S. 3 ✔ ✔ ✔ G
- Biological Sciences: M.S. 3 ✔ ✔ ✔ G
- Chemistry: M.S. 3 ✔ ✔ ✔ G
- Conservation Technology: M.S. 3 ✔ ✔ ✔ G
- Education: M.Ed. 3 ✔ ✔ ✔ G
- Education Technology: M.S. 3 ✔ ✔ ✔ G
- Elementary Science Education: M.Ed. 3 ✔ ✔ ✔ G
- Environmental Education: M.S. 3 ✔ ✔ ✔ G
- Environmental Science: M.S. 3 ✔ ✔ ✔ G
- Interdisciplinary Science: M.S. 3 ✔ ✔ ✔ G
- Mathematics Education: M.S., Ed.S. 3 ✔ ✔ ✔ G
- Meteorology: M.S. 3 ✔ ✔ ✔ G
- Operations Research: M.S. 3 ✔ ✔ ✔ G
- Physics: M.S. 3 ✔ ✔ ✔ G
- Science Education: M.S., Ed.S. 3 ✔ ✔ ✔ G
- Space Sciences: M.S. 3 ✔ ✔ ✔ G
- Teaching: M.A. 3 ✔ ✔ ✔ G

### Human-Centered Design, Innovation & Art
- Human-Centered Design: M.S. 3 ✔ ✔ ✔ G
- Human-Centered Design: Ph.D. 3 ✔ ✔ ✔ G

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**Notes:**
- GRE General Test: Verbal Reasoning | Analytical Writing Assessment
- S = GRE Subject Test
- *GRE recommended but not required
- †The application deadline for ABA and GBM programs is Feb. 15.
- ‡The application deadline for I/O psychology and the doctoral program in behavior analysis is Jan. 15. Fall semester enrollment only.
- §Applications/related materials deadline is Jan. 1 for the Psy.D. Fall semester enrollment only.
- **NOTE:** International applicants include full name as it appears on your passport. See back panel for additional information for international students.
GRADUATE MAJORS AND PROGRAMS

COLLEGE OF ENGINEERING AND COMPUTING
Aerospace Engineering, M.S., Ph.D.
Biomedical Engineering, M.S., Ph.D.
Chemical Engineering, M.S., Ph.D.
Biomedical Engineering: Computer-Aided Modeling, Processing and Control; Environmental Engineering; Materials Synthesis, Processing and Characterization; Transportation and Separation Processes
Civil Engineering, M.S., Ph.D.
Construction Management; Environmental; Geo—Environmental; Geotechnical; Structures; Water Resources
Computer Engineering, M.S., Ph.D.
Computer Information Systems, M.S.
Computer Science, M.S., Ph.D.
Earth Remote Sensing, M.S.
Electrical Engineering, M.S., Ph.D.
Biomedical Engineering; Electromagnetics; Photonics; Systems and Information Processing; Wireless Systems and Technology
Engineering Management, M.S.
Environmental Resource Management, M.S.

COLLEGE OF SCIENCE
Applied Mathematics, M.S., Ph.D.
Biochemistry, M.S.
Biological Sciences, M.S., Ph.D.
Biotechnology; Cellular & Molecular; Ecology; Marine Biology
Chemistry, M.S., Ph.D.
Conservation Technology, M.S.
Education, M.Ed.
Educational Technology, M.S.
Elementary Science Education, M.Ed.
Environmental Education, M.S.

Environmental Science, M.S., Ph.D.
Flight Test Engineering, M.S.
Information Assurance and Cybersecurity, M.S.
Mechanical Engineering, M.S., Ph.D.
Automotive Engineering; Biomedical Engineering; Dynamic Systems; Robotics & Controls; Structures, Solid Mechanics & Materials; Thermal—Fluid Sciences
Ocean Engineering, M.S., Ph.D.
Aquaculture Engineering; Coastal Engineering & Processes; Hydrographic Engineering; Materials & Structures; Naval Architecture; Ocean Energy; Ocean Instrumentation; Ocean Systems/Underwater Technology
Oceanography, M.S., Ph.D.
Biological Oceanography; Chemical Oceanography; Coastal Zone Management; Geological Oceanography; Physical Oceanography
Software Engineering, M.S.
Software Testing
Systems Engineering, M.S., Ph.D.
Spacecraft Systems

COLLEGE OF AERONAUTICS
Airport Development and Management, M.S.A.
Applied Aviation Safety, M.S.A.
Aviation, Av.D. (Doctor of Aviation)
Aviation Human Factors, M.S.
Aviation Sciences, Ph.D.
Human Factors in Aeronautics Online, M.S.

NATHAN M. BISK COLLEGE OF BUSINESS
Accounting and Financial Forensics, M.S.
Business Administration, MBA
Accounting Emphasis, MBA
Healthcare Management, MBA

COLLEGE OF PSYCHOLOGY & LIBERAL ARTS
Applied Behavior Analysis, M.S.
Applied Behavior Analysis; and Organizational Behavior Management, M.S.
Behavior Analysis, Ph.D.
Clinical Psychology, Psy.D.
Global Strategic Communication, M.S.
Industrial/Organizational Psychology, M.S., Ph.D.
Organizational Behavior Management, M.S.

SCHOOL OF HUMAN-CENTERED DESIGN, INNOVATION & ART
Human-Centered Design, M.S., Ph.D.

IMPORTANT INFORMATION FOR INTERNATIONAL STUDENTS
All degree-seeking Melbourne graduate applicants with any university-level educational experience outside the United States are required to provide the Florida Tech admission office an official foreign credit evaluation (FCE) in English, including the cumulative grade point average.
Florida Tech Online and Virtual Site students, non-matriculating/transient students and students from Florida Tech-approved international partner institutions are excluded from this requirement.
Florida Tech will accept course-by-course foreign credential evaluations (FCE) from any NACES member, although World Education Services (WES) is Florida Tech’s preferred foreign credit evaluator. In addition to the FCE report, each applicant must also request official transcripts be sent directly to the admission office from all previous regionally accredited institutions.
Admission decisions for applicants who do not submit a valid FCE report in English will be deferred until the Florida Tech admission office receives the report.
Students needing English translation of their academic documents may contact University Language Services (ULS) at www.universitylanguage.com/translation-academic-records.

Florida Institute of Technology is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, master’s, education specialist and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Florida Institute of Technology. Florida Institute of Technology is committed to nondiscrimination on the basis of race, color, ethnic or national origin, sex, sexual orientation, gender identity, religion, age, ancestry, disability, genetic information, military status, protected veteran status, or other non-mandatory reasons in admissions, scholarship and loan programs, educational programs, athletic or other university sponsored programs or activities, and employment including employment of disabled veterans and veterans of the Vietnam Era, as required by applicable laws. Contact the Title IX Coordinator at 321-674-8700.