

A Guide for the **Graduate Student**



Florida Tech





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.

About Florida Tech

Founded at the dawn of the Space Race in 1958, Florida Tech is the only independent, technological university in the Southeast. The university was named by *Times Higher Education*, as a Top 20 Small University 2016–17, has been named a *Barron's Guide* "Best Buy" in College Education, is designated a Tier One Best National University in *U.S. News & World Report*, is one of just nine schools in Florida lauded by the 2015 *Fiske Guide to Colleges* and is recognized by *Bloomberg Businessweek* as the best college for return on investment in Florida. A recent survey by PayScale.com ranks Florida Tech as the top university in Florida for mid-career salary potential.

Supported by both industry and the community, Florida Tech is the recipient of many research grants and contracts, a number of which provide financial support for graduate students. Melbourne's attractive business climate is matched only by its natural resources including the Atlantic Ocean and Indian River Lagoon, which are ideal for scientific study and research.

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:** fit.edu/graduate-admissions
- » **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: <https://policy.fit.edu/policy/8738>



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**



Financial Assistance for Graduate Students

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.

Other Forms of Aid

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:

- GPA of 3.0 for master's or 3.2 for doctoral student.
- 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:
 - 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.
 - 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.
 - 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.
 - The International Teaching Assistant Speaking Assessment (ITASA) with a passing score is required for all teaching assistants whose home language is NOT English.
- 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.

G = GRE General Test
Verbal Reasoning | Analytical Writing Assessment
Quantitative Reasoning
S = GRE Subject Test

		LETTERS OF RECOMMENDATION	RESUME	STATEMENT OF OBJECTIVES	EXAMINATION SCORES REQUIRED
ABA & Organizational Behavior Mgmt.	M.S. ¹	3	✓	✓	G
Accounting and Financial Forensics	M.S.	2	✓	✓	
Aerospace Engineering	M.S.				G
	Ph.D.	3	✓	✓	G
Airport Development and Management	M.S.A.	3	✓	✓	G
Applied Aviation Safety	M.S.A.	3	✓	✓	G
Applied Behavior Analysis (ABA)	M.S. ¹	3	✓	✓	G
Applied Mathematics	M.S.				
	Ph.D.	3	✓	✓	
Aviation – Doctor of Aviation (Online)	Av.D.	3	✓	✓	
Aviation Human Factors	M.S.	3	✓	✓	G
Aviation Sciences	Ph.D.	3	✓	✓	
Behavior Analysis	Ph.D. ²	3	✓	✓	G
Biochemistry	M.S.				
Biological Sciences	Ph.D.	3	✓	✓	G
Biomedical Engineering	M.S.	3	✓	✓	G
	Ph.D.	3	✓	✓	G
Biotechnology	M.S.	3		✓	G
Business Administration	MBA	2	✓	✓	
Cell and Molecular Biology	M.S.	3		✓	G
Chemical Engineering	M.S.	3	✓	✓	G
	Ph.D.	3	✓	✓	G
Chemistry	M.S.				G*
	Ph.D.	3	✓	✓	G*
Civil Engineering	M.S.	2	✓	✓	G
	Ph.D.	3	✓	✓	G
Clinical Psychology	Psy.D. ³	3	✓	✓	G, S
Computer Engineering	M.S.				G
	Ph.D.	3	✓	✓	G
Computer Information Systems	M.S.				
Computer Science	M.S.				G
	Ph.D.	3	✓	✓	G
Conservation Technology	M.S.	3		✓	G, S
Earth Remote Sensing	M.S.	3	✓	✓	G
Ecology	M.S.	3		✓	G
Education	M.Ed.	3	✓	✓	
Educational Technology	M.S.		✓	✓	
Electrical Engineering	M.S.				G
	Ph.D.	3	✓	✓	G

		LETTERS OF RECOMMENDATION	RESUME	STATEMENT OF OBJECTIVES	EXAMINATION SCORES REQUIRED
Elementary Science Education	M.Ed.	3	✓	✓	
Engineering Management	M.S.	2	✓	✓	G
Environmental Education	M.S.	3	✓	✓	
Environmental Resource Management	M.S.	3	✓	✓	G
Environmental Science	M.S.	3	✓	✓	G
	Ph.D.	3	✓	✓	G
Flight Test Engineering	M.S.				G
Global Strategic Communication	M.S.	2		✓	
Healthcare Management	MBA	2	✓	✓	
Human-Centered Design	M.S.	3	✓	✓	G
	Ph.D.	3	✓	✓	G
Industrial/Organizational Psychology	M.S. ²	3	✓	✓	G
	Ph.D. ²	3	✓	✓	G
Information Assurance & Cybersecurity	M.S.				G
Interdisciplinary Science	M.S.	2	✓	✓	
Marine Biology	M.S.	3		✓	G
Mathematics Education	M.S., Ed.S.	3	✓	✓	
	Ph.D.	3	✓	✓	
Mechanical Engineering	M.S.				G
	Ph.D.	3	✓	✓	G
Meteorology	M.S.	3	✓	✓	G
Ocean Engineering	M.S.	3	✓	✓	G
	Ph.D.	3	✓	✓	G
Oceanography	M.S.	3	✓	✓	G
	Ph.D.	3	✓	✓	G
Operations Research	M.S.				
	Ph.D.	3	✓	✓	
Organizational Behavior Management	M.S. ¹	3	✓	✓	G
Physics	M.S.	3	✓	✓	G*
	Ph.D.	3	✓	✓	G*
Science Education	M.S., Ed.S.	3	✓	✓	
	Ph.D.	3	✓	✓	
Software Engineering	M.S.	3			G
Space Sciences	M.S.	3	✓	✓	
	Ph.D.	3	✓	✓	
Systems Engineering	M.S.	2	✓	✓	G
	Ph.D.	3	✓	✓	G
Teaching	M.A.		✓	✓	

* GRE recommended but not required

¹ The application deadline for ABA and OBM programs is Feb. 15.

² The application deadline for I/O psychology and doctoral program in behavior analysis is Jan. 15. Fall enrollment only.

³ Application/related materials deadline is Jan. 1 for the Psy.D. Fall enrollment only.

NOTE: GRE scores, although required only in certain programs, are recommended in most others and often can result in a favorable admission decision that might not have been possible otherwise.

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

Aerospace Engineering, M.S., Ph.D.
Airport Development & Management, M.S.A.
Applied Aviation Safety, M.S.A.
Applied Behavior Analysis, M.S.
Applied Behavior Analysis & Organizational Behavior Management, M.S.
Applied Mathematics, M.S., Ph.D.
Aviation (Doctor of Aviation), Av.D.
Aviation Human Factors, M.S.
Aviation Sciences, Ph.D.
Accounting & Financial Forensics, M.S.
Behavior Analysis, Ph.D.
Business Administration, MBA
Biochemistry, M.S.
Biological Sciences, Ph.D.
Biomedical Engineering, M.S., Ph.D.
Biotechnology, M.S.
Cell & Molecular Biology, M.S.
Chemical Engineering, M.S., Ph.D.
Chemistry, M.S., Ph.D.
Civil Engineering, M.S., Ph.D.
Clinical Psychology, Psy.D.
Computer Engineering, M.S., Ph.D.
Computer Information Systems, M.S.
Computer Science, M.S., Ph.D.
Conservation Technology, M.S.
Earth Remote Sensing, M.S.
Ecology, M.S.
Education, M.Ed.
Educational Technology, M.S.
Electrical Engineering, M.S., Ph.D.
Elementary Science Education, M.Ed.
Engineering Management, M.S.
Environmental Education, M.S.
Environmental Resource Management, M.S.
Environmental Science, M.S., Ph.D.
Flight Test Engineering, M.S.
Global Strategic Communication, M.S.
Healthcare Management, MBA
Human-Centered Design, M.S., Ph.D.
Industrial/Organizational Psychology, M.S., Ph.D.
Information Assurance & Cybersecurity, M.S.
Interdisciplinary Science, M.S.
Marine Biology, M.S.
Mathematics Education, M.S., Ed.S., Ph.D.
Mechanical Engineering, M.S., Ph.D.
Meteorology, M.S.
Ocean Engineering, M.S., Ph.D.
Oceanography, M.S., Ph.D.
Operations Research, M.S., Ph.D.
Organizational Behavior Management, M.S.
Physics, M.S., Ph.D.
Science Education, M.S., Ed.S., Ph.D.
Informal Science Education, M.S.
Software Engineering, M.S.
Space Sciences, M.S., Ph.D.
Systems Engineering, M.S., Ph.D.
Teaching, M.A.



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.

A WES evaluation/transcript can be ordered at www.wes.org. The site shows what students must provide and how much they will be charged. Students with foreign academic documents need to order course-by-course evaluations by WES.

A WES FCE report is considered valid only if submitted electronically from WES directly to the Florida Tech admission office. WES will verify institutional accreditation status and complete an evaluation containing a description of credentials, including name, year awarded, name of institution attended, and major of field of study. It also provides the U.S. equivalent for each credential and lists all post-secondary subjects with their corresponding value expressed in the terms of U.S. semester credit and grade equivalents.

If an applicant requests a WES evaluation, an additional official transcript will not be required.

Each applicant must also request official transcripts from all previous regionally accredited institutions be sent directly to the admission office. The FCE report does not replace that requirement. 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.

Applicants do not need an FCE if a degree was earned at an accredited U.S. institution.

Florida Institute of Technology

Office of Graduate Admissions

150 W. University Blvd. | Melbourne, FL 32901 | 321-674-8027 | grad-admissions@fit.edu | fit.edu/graduate-admissions

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-merit 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.



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