



# Unlocking Your Power: AI, Data, and Innovation

## IRP 101: Unlocking Georgia Tech's Data Power

November 3, 2025  
10 am – 11 am



# Meet the Team!



**Jason Wang, Ph.D.**

Senior Director - Institutional  
Research & Planning



**Samantha James**

Director - Institutional Research  
& Data Portfolio Management



**Camry Chapman**

IRP Director of Data  
Management



# Who is IRP?

The **Office of Institutional Research and Planning (IRP)** supports a wide variety of processes and departments to help campus stakeholders and the institution achieve their goals.



## Data

IRP supports a wide variety of data-related functions, including ad hoc data requests, data collection, data analysis, data interpretation, data tools, and quality assurance. Our office also creates data applications with institutional and third-party data alike.



## Support

Many IRP functions support other departments, including research, decision-making support, institutional planning support, and data literacy training. This support also takes the form of both comparative and strategic analysis.



## Reports

IRP provides institutional and external reporting. External reporting includes U.S. News and the Princeton Review in addition to compliance reporting such as IPEDS. Institutional reporting includes resources like the CDS and institutional studies and research reports.

<https://irp.gatech.edu>



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## Education & Engagement

IRP supports interactive learning with different campus stakeholders who want to improve their understanding of their data in new ways. Our office offers presentations, workshops, and professional engagement, and we hope to soon provide tutorials, seminars, and workshops on campus.



## Resources

IRP provides a number of resources to the general public as well as specific campus stakeholders. These include the annual campus fact book, infographics, and analysis of external rankings and reports

<https://irp.gatech.edu>



# IRP is a Partner

The **Office of Institutional Research and Planning (IRP)** supports a wide variety of processes and departments to help campus stakeholders and the institution achieve their goals.



<https://irp.gatech.edu>



# WHO ARE YOU?



- Unit/Department
- What data do you work with?
- What data question is top of mind for you?



# AGENDA

- What is Data
- Types of Data
- What is the Value
  - Consumers of Data
  - Reporting and Compliance
  - Public Consumption





# What are the main types of data used?

**Sponsored Proposals, Award Funding, Sponsored Expenditures & Max Contracts**

**Proposals**      **Award Funding Value**      **Sponsored Expenditures**      **Max Contract Value**

\*Proposals - IDQ and BOA are excluded.  
\*Sponsored Expenditures - All expenditures reimbursed by internal (ex. Georgia Tech Foundation) or external (ex. NSF) sources both direct and F&A. These expenditures include both research, instruction, and other sponsored activities that are reimbursed including scholarships and fellowships. Expenses from the Georgia Tech Athletic Association (GTAA) are excluded from this report.  
\*Award Funding Value - This is the total new award value funded by the sponsor. This report excludes Basic Order Agreements and Indefinite Quantity Contracts that may skew totals. It also excludes de-obligated funds that may impact prior fiscal years.  
\*Max Contract Value - This is the total max contract value that could be approved in the future by the sponsor. This report excludes Basic Order Agreements and Indefinite Quantity Contracts that may skew totals.

**Annual Financial Report**  
FOR FISCAL YEAR ENDED JUNE 30, 2024  
INCLUDING INDEPENDENT AUDITOR'S REPORT  
Georgia Tech

**workday**

**2024 FACT BOOK**  
INSTITUTIONAL RESEARCH AND PLANNING  
Georgia Tech



# What are the main types of data used?

- Student
- Human Resources
- Research & Sponsored
- Finance (Non-sponsored)
- Institutional Data



## Relevant Sessions

Nov 3

9:00 – 10:00 A.M. | Undergrad Admissions 101

3:00 – 4:00 P.M. | Advising Data 101: Innovating Student Success with Navigate360

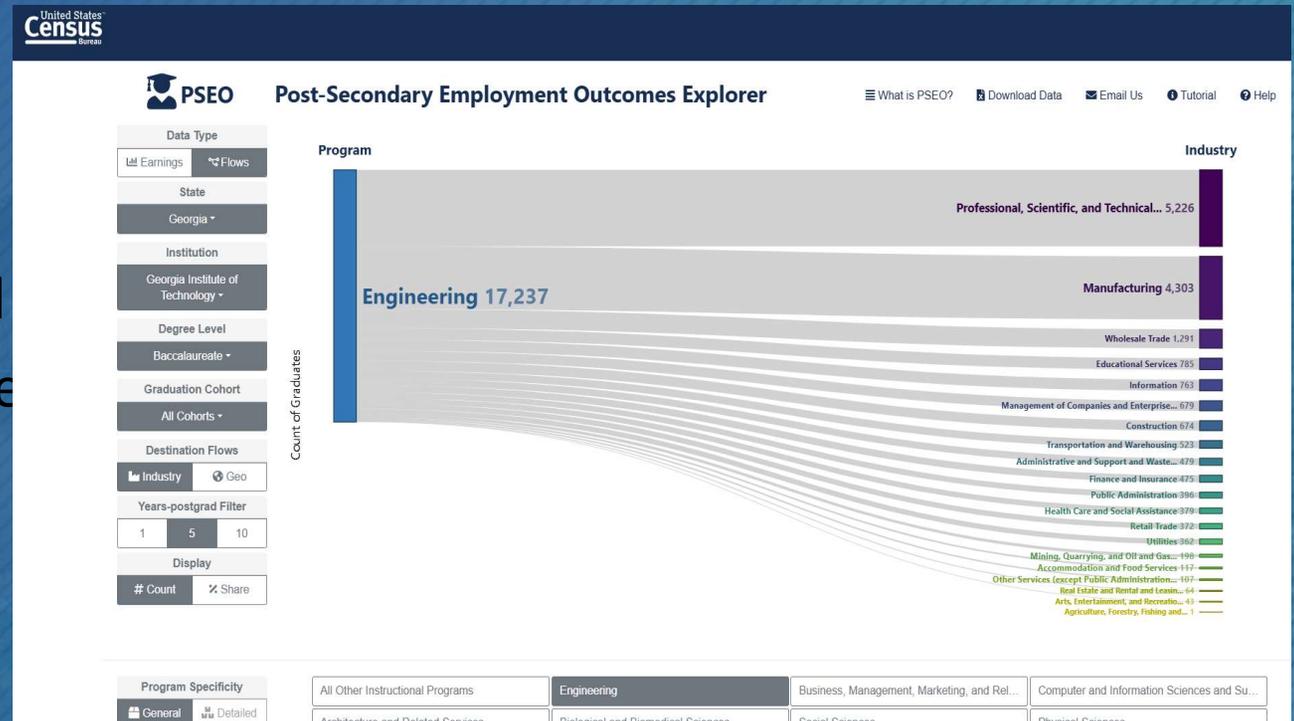
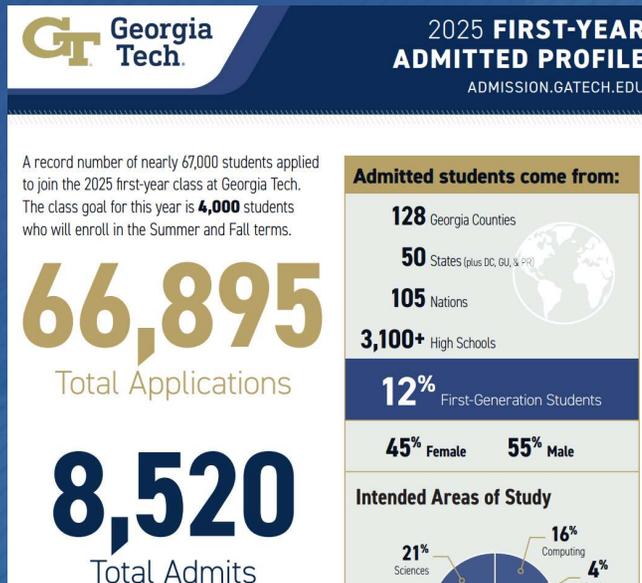
Nov 5

8:00 – 9:00 Block | Financial Aid Data 101 | Student Data 101 | Alumni Data 101

9:00 – 10:00 Block | Graduate Admissions Data 101



# What are the main types of data used?



<https://dev.admission.gatech.edu/images/pdf/FY-admitted-profile-2023.pdf>



<https://lehd.ces.census.gov/applications/pseo/>



# What are the main types of data used?

- Student
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- Finance (Non-sponsored)
- Institutional Data



## Relevant Sessions

Nov 3

1:00 – 2:00 P.M. | Human Resources Data 101



# What are the main types of data used?

<https://nces.ed.gov/collegenavigator/>

- Student
- Human Resource

FACULTY AND GRADUATE ASSISTANTS BY PRIMARY FUNCTION, FALL 2023	FULL TIME	PART TIME
Total faculty	4,143	768
Instructional	1,165	623
Research and public service	2,978	145
Total graduate assistants	-	4,458
Instructional	-	1,557
Research	-	2,901

## FULL-TIME EMPLOYEES

### By Gender, Fall 2024

INSTITUTION	TOTAL	MALE		FEMALE		UNKNOWN	
		#	%	#	%	#	%
Augusta University	4,739	1,873	39.5	2,865	60.5	1	0.0
Georgia Institute of Technology	10,203	5,884	57.7	4,275	41.9	44	0.4
Georgia State University	5,601	2,353	42.0	3,247	58.0	1	0.0
University of Georgia	11,236	4,940	44.0	6,087	54.2	209	1.9
<i>Research Universities</i>	<i>31,779</i>	<i>15,050</i>	<i>47.4</i>	<i>16,474</i>	<i>51.8</i>	<i>255</i>	<i>0.8</i>

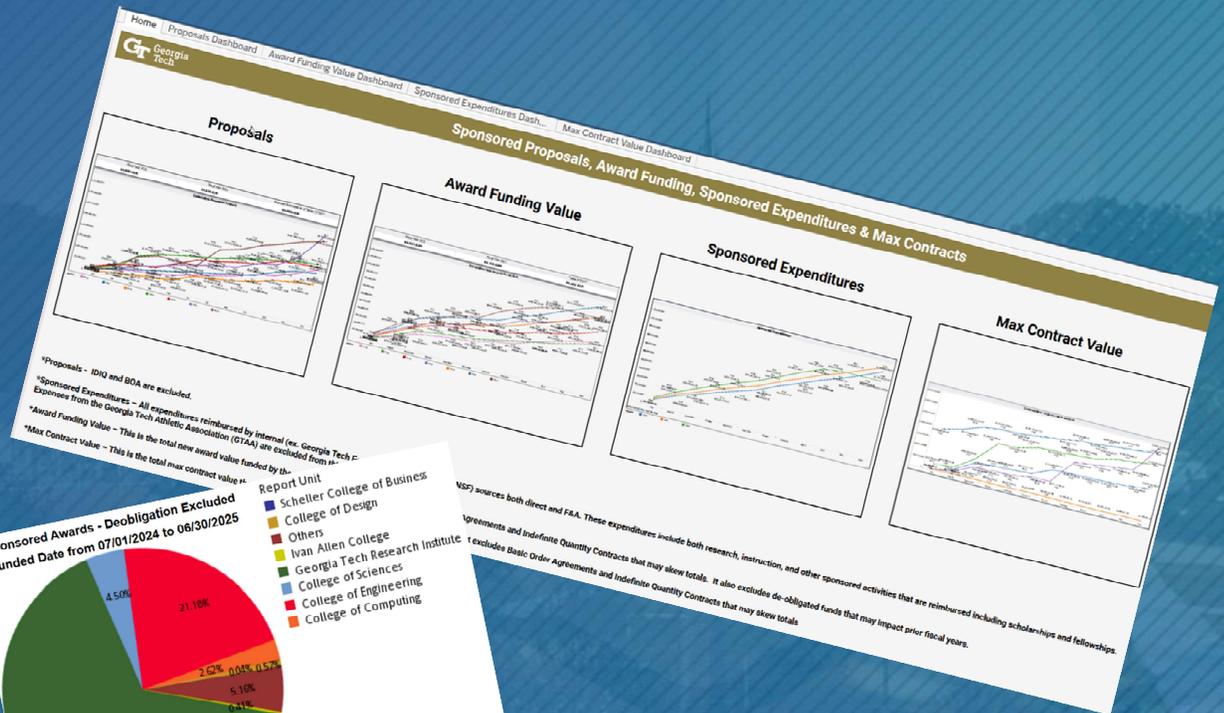


[https://www.usg.edu/research/assets/research/documents/faculty/HR\\_DMx0109\\_gender\\_race\\_fall2024.pdf](https://www.usg.edu/research/assets/research/documents/faculty/HR_DMx0109_gender_race_fall2024.pdf)



# What are the main types of data used?

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## Relevant Sessions

Nov 3

12:00 – 1:00 P.M. | Research Data 101

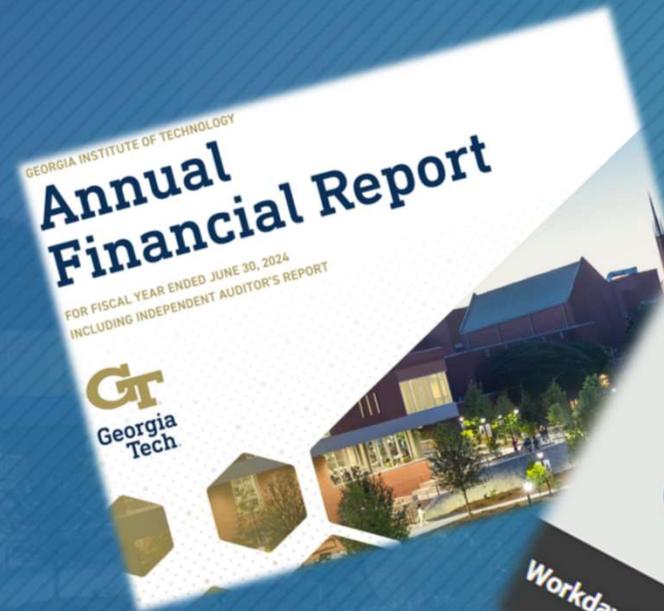
Nov 5

9:00 – 10:00 Block | Scout: Bringing Innovation to Your Inbox



# What are the main types of data used?

- Student
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- Institutional Data



## Relevant Sessions

Nov 3

2:00 – 3:00 P.M. | The Notorious EBG: Reimagining Workday Reporting and Budgeting

Nov 5

8:00 – 9:00 Block | Budget Data 101

12:00 – 1:00 P.M. | Finance Data 101



# What are the main types of data used?

- Student
- Human Resources
- Research & Sponsored
- Finance (Non-sponsored)
- Institutional Data



## Relevant Sessions

Nov 5

9:00 – 10:00 Block | LITE 101

10:00 – 11:00 Block | Reimagining Facilities | Data Governance, Cybersecurity, and Privacy 101

12:00 – 1:00 P.M. | Data Services 101 | Space and Facilities 101

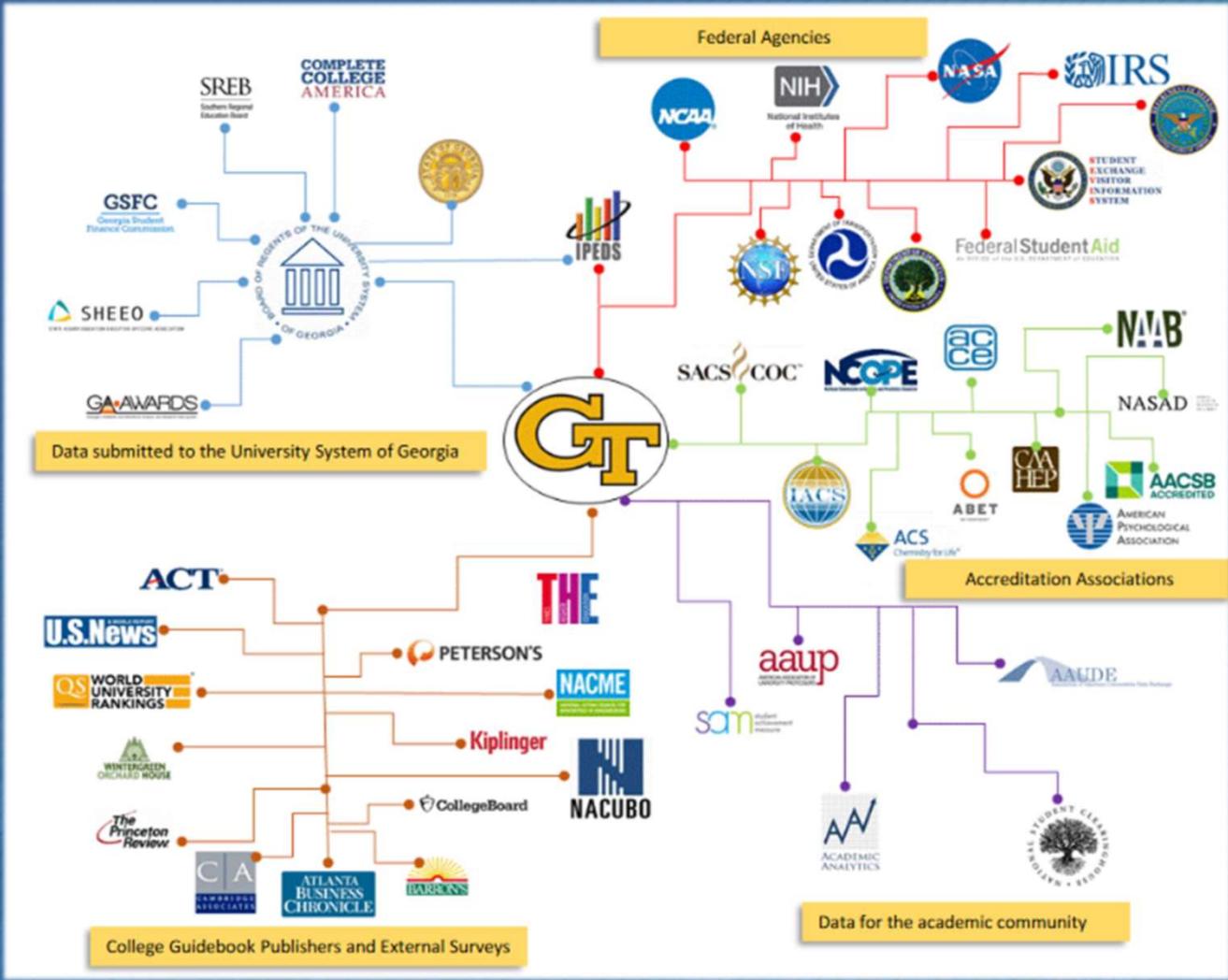
3:00 – 4:00 P.M. | Unified ERP Update



# What is the Value?



# Who are Consumers of Georgia Tech Data?



U.S. DEPARTMENT OF EDUCATION  
**College Scorecard**

Home Search Compare Resources About the Data

Back Add to Compare Colleges Share this College Search

# Georgia Institute of Technology - Main Campus

18,260 undergraduate students  
gatech.edu

Year Public City Large

Atlanta, GA 30332-0530 [View on map](#)

### Financial Aid & Debt

Federal Student Loans

**Students Receiving Federal Loans**  
21%

**Median Total Debt After Graduation**  
\$21,672

**Typical Monthly Loan Payment**  
\$230

**Repayment Rate**  
Percentage of borrowers in each category 2 years after entering repayment. For category definitions, please see [the glossary](#).

**Get Help Paying for College**  
Submit a [Free Application for Federal Student Aid \(FAFSA®\)](#) form. You may be eligible to

### Student Outcomes | Enrollment Context

Georgia Institute of Technology

**Undergraduate Enrollment**  
20,591

**Undergraduate Degrees Awarded**  
0 Certificates  
0 Associate  
4,577 Bachelor's

**In-State Freshmen Receiving HOPE or Zell Scholarship**  
100%

**Freshmen Receiving Pell**  
12%

**Average Freshman HS GPA**  
3.85

**Average Freshman SAT**  
1441

**Race/Ethnicity**  
9% Black  
34% White  
41% Asian  
9% Hispanic  
1% Unknown  
5% Two or more races  
<1% American Indian / Alaska Native  
<1% Native Hawaiian / Pacific Islander

Search  
Fort Valley State University  
Georgia College & State University  
Georgia Gwinnett College  
Georgia Highlands College  
Georgia Institute of Technology  
Georgia Southern University

Research & Policy Analysis

Microsoft Power BI 2 of 5 91%



<https://collegescorecard.ed.gov/school/?139755-Georgia-Institute-of-Technology-Main-Campus>



[https://www.usg.edu/institutions/student\\_outcomes/georgia\\_institute\\_of\\_technology](https://www.usg.edu/institutions/student_outcomes/georgia_institute_of_technology)



# Georgia Tech Data Internal Uses

Accreditation

Institute Strategic Initiatives

Tracking Research & Development Activity

Fact Book - archiving Georgia Tech's year in numbers

Academic Program Review Data Portfolios

Research and Reports

USG Data Collection Verification

Enrollment Forecasting Models

Open Records Requests

IRB Data Requests

Proposal and Grant Support

Other Campus Data Requests



<https://irp.gatech.edu/submit-a-request>





Home LITE Initiative and Documentation About Us

All Dashboards

Student

Legacy HCM

Log In Required



Actual Wage Report



## LITE - Leading Insight Through Empowerment



### Strategic Plan

About | Big Bets | Focus Areas

Transform Tomorrow. Give Today. 🔍

Home

### Tracking Our Progress

With the Institute well underway in its efforts to advance the new strategic plan (2020-2030), we have developed a dedicated space to summarize the progress being made across the strategic plan's **six focus areas**: Amplify Impact, Champion Innovation, Connect Globally, Expand Access, Cultivate Well-Being, and Lead by Example.

Check out the collection of data below to see how the Institute is doing on a few key performance indicators in these focus areas.

Please note: Charts on this page are best viewed on a desktop or tablet device.

### Amplify Impact

Embrace our power as agents of change for the public good and generate talent, ideas, and solutions with unmatched impact and scale to help define and address the most critical problems of our time, locally and globally. [Read more about Amplify Impact.](#)

#### Number of Undergraduate Applicants by Fall Semester



<https://lite.gatech.edu/>



<https://strategicplan.gatech.edu/progress>



# Reporting and Compliance



# IPEDS & USG

Section 487(a)(17) of the Higher Education Act of 1965, as amended, requires that, as a condition of continued participation in the federal student aid programs, all institutions must complete the IPEDS surveys.

From the Office of Federal Student Aid:

"We want to stress that compliance with these reporting requirements is an important obligation for all schools that participate in the federal student aid programs... An institution's failure to complete and submit these surveys is considered a serious violation of its obligations under the HEA and the regulations."

**IPEDS** Integrated Postsecondary  
Education Data System



# IPEDS & USG

# IPEDS Integrated Postsecondary Education Data System

Section 487(a)(17) of the Higher Education Act

**IPEDS** Integrated Postsecondary Education Data System

Your primary source for information on U.S. colleges, universities, and technical and vocational institutions.



submit these surveys is considered a part of its obligations under the HEA and the regulations."

**IPEDS** Integrated Postsecondary Education Data System

Home > Use The Data > Trend Generator

- Expand Trend By
  - Degree of urbanization (Urban-centric locale)
  - Degree-granting status
  - Geographic region
  - Highest degree offered
  - Historically Black College or University
  - Institutional category
  - Level of institution
  - Residency
  - Sector of institution
  - State

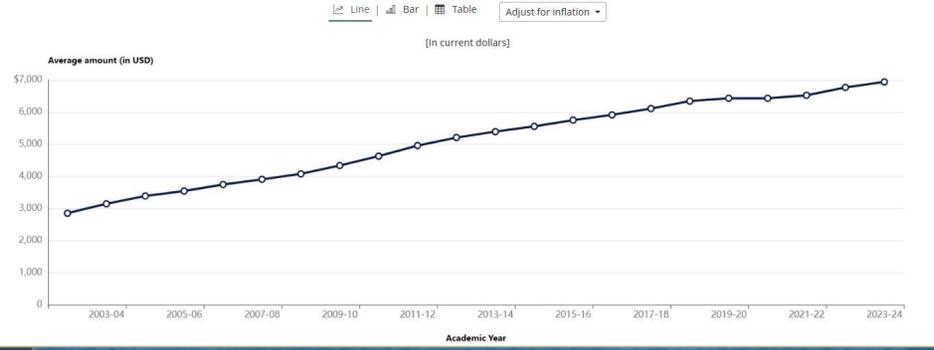
- Select Years
  - 2023-24
  - 2022-23
  - 2021-22
  - 2020-21
  - 2019-20
  - 2018-19
  - 2017-18
  - 2016-17
  - 2015-16
  - 2014-15
  - 2013-14
  - 2012-13
  - 2011-12
  - 2010-11

Change question LIMIT RESULTS BUILD TABLE DOWNLOAD PRINT

**Student Charges: What is the average amount of tuition and required fees for full-time undergraduate students at public postsecondary institutions operating on an academic year calendar system?**

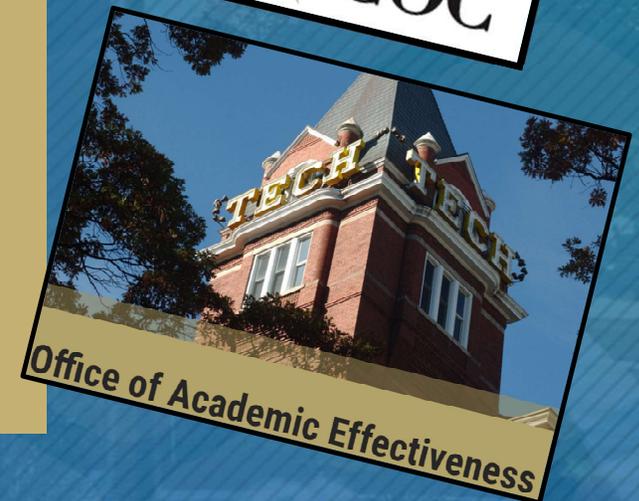
In academic year 2023-24, the average amount of tuition and required fees for full-time undergraduate students at public postsecondary institutions operating on an academic year calendar system was \$6,944. This is based on 1,598 institutions.

Average amount of tuition and required fees for full-time undergraduate students at public postsecondary institutions operating on an academic year calendar system



# Accreditation Support

- Georgia Institute of Technology is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award baccalaureate, masters, and doctorate degrees.
- Quality Enhancement Plan (QEP)
- Academic Program Reviews
- Programmatic Accreditation (ABET, NAAB, AACSB, etc.)
- Student Outcomes/Public Disclosure



# Public Consumption



# College Guidebook



College guides breakdown schools by easy to identify factors to aid students deciding which school is most appealing to their needs and thereby deciding where to apply. Those factors can include region and price, environment, acceptance rate, student population, student-to-teacher ratio, and retention. It can also include career services, housing, social scene, quality of life and Greek Life.



# College Guidebook



EDUCATION » Colleges Grad Schools Online

Overview **Rankings** Admissions Cost Academics Stu

## Georgia Institute of Technology

See where this school lands in our other rankings to get a better idea of how well it performs in other areas.

- #32 in National Universities (tie)
- #9 in Top Public Schools (tie)
- #108 in Best Value Schools
- #3 in Best Undergraduate Engineering Programs (tie)  
At schools whose highest degree is a doctorate



<https://www.usnews.com/best-colleges/georgia-institute-of-technology-1569/overall-rankings>



Pre-High School Pre-College Pre-Med Pre-Law Pre-Grad Pre-Business

## Top 50 Best Value Colleges (Public Schools)

These fifty schools received our highest ROI rating, ranked in order.

Showing 1 - 25 of 50 results

#1	<b>Georgia Institute of Technology</b> Atlanta, GA • 20,592 Full-Time Enrollment	Save School
#2	<b>University of Virginia</b> Charlottesville, VA • 17,901 Full-Time Enrollment	Save School
#3	<b>University of North Carolina at Chapel Hill</b> Chapel Hill, NC • 21,075 Full-Time Enrollment	Save School
#4	<b>University of California—Irvine</b> Irvine, CA • 30,204 Full-Time Enrollment	Save School
#5	<b>University of California—Berkeley</b> Berkeley, CA • 33,469 Full-Time Enrollment	Save School
#6	<b>University of California—San Diego</b> La Jolla, CA • 34,955 Full-Time Enrollment	Save School



<https://www.princetonreview.com/college-rankings?rankings=top-50-best-value-colleges-public-schools>



## Rankings and Stats



<https://www.gatech.edu/about/rankings>



# Academic Community Data



# Contact Us

- Website
- <https://irp.gatech.edu>



- Email
- [requests@irp.gatech.edu](mailto:requests@irp.gatech.edu)



Institutional Research  
and Planning

