NEX CHBE GRAD STUDENT GUDE

Association of Chemical Engineering Graduate Students (AChEGS)

School of Chemical and Biomolecular Engineering



CONTENTS

WELCOME CLASS OF 2023!	4
OUR CHECKLIST	5
USEFUL WEBSITES	9
CHEMICAL & BIOMOLECULAR ENGINEERING	10
General School Information	10
Association of Chemical Engineering Graduate Students	10
Academics	11
Advisor Selection Process	12
Qualifying Examination	12
Teaching Assistants	13
Mail (the slow kind) or Post	13
Computer Facilities and Software	14
GEORGIA TECH INFORMATION AND RESOURCES	16
Registration	16
Understanding Your Pay Statement	16
Parking and Transportation	16
Food	18
Health Center	20
Campus Library	22
Bookstores and Textbooks	23
Campus Recreation Center	24
Student Center and Student services	26
Campus Organizations and Activities	27

Tickets for Varsity Athletic Events	28
LIVING IN ATLANTA	29
Housing Options	29
Apartment Necessities	34
Transportation	35
Airport	36
Banking	36
FUN IN ATLANTA	37
Atlantic Station	38
Virginia Highlands	38
Little Five Points	38
West Midtown	38
Midtown	39
Buckhead	39
Decatur	39
Buford Highway	39
Other Notables	40
Places to Throw Away Money	41
INTERNATIONAL STUDENTS	42
Applying for the visa	42
On-Arrival Formalities	43
Paying your Fees	43
Getting your SSN	43
Filing your Taxes	44
Driver's Licence	44
YOUR CLASS	45

Welcome Class of 2023!

Congratulations on your decision to come to Georgia Tech! We know how long you've worked to be where you are today: studying, researching, adjusting to a pandemic, updating your resume, drafting statements of purpose, answering thousands of application questions, and stressing about your recommendation letters. We know coming to Georgia Tech might not have been an easy step for you, but we want to make sure you know that you made it, and we are delighted to welcome you to our community very soon.

You might be brimming with questions at this point. What classes do I sign up for? How do I find an advisor? Where should I live? Who is in my class? What am I forgetting to ask? Well, there are only four things you need to know right now: 1) **We are AChEGS**, the **A**ssociation of **Ch**emical Engineering **G**raduate **S**tudents at the School of Chemical and Biomolecular Engineering (ChBE) at Georgia Tech. You can read more about us later. 2) You pronounce **AChEGS as a – kegs**. 3) We are a group of graduate students dedicated to making the lives of all graduate students in ChBE better. 4) Everything in the next 40 pages.

This document is the New ChBE Grad Student Guide as prepared for you by AChEGS. We have been through the first-year experience, and we know sometimes it can be overwhelming. Our first advice? Take a deep breath. No seriously, count to five and do it. We are here for you. We wrote this New ChBE Grad Student Guide to summarize the most relevant information (in our opinion) and to provide you with a personal perspective. If you are lost, this might be a good start. However, please note the New ChBE Grad Student Guide is a complimentary handbook, so be aware of the existence and check out the official <u>ChBE Graduate Handbook</u> and <u>Georgia Tech's New Student Checklist</u>.

If you have any questions, feel free to reach out to us and we will be happy to help. You can also ask your questions and contact your classmates in this freshly made <u>Facebook</u> <u>Group.</u> We look forward to welcoming you to the family in August! Without further ado, we present to you the New ChBE Grad Student Guide. Enjoy!

AChEGS Board 2023/2024

President – Caitlyn Davis	Vice-President – Michael Rettstatt
Email – cdavis385@gatech.edu	Email – mrettstatt3@gatech.edu
Secretary – Botagoz (Bota) Kuspangaliyeva	Treasurer – Ishmamul Hoque Sadab
Email - bkuspang3@gatech.edu	Email - <u>isadab3@gatech.edu</u>
Co-Social Chair – Daniel Kim	Co-Social Chair – Priya Seshasayee
Email - dkim998@gatech.edu	Email - pseshasayee3@gatech.edu
Outreach Chair – Ramy Ghanim	Safety Czar – Brabson, Logan M
Email – ramy.ghanim@gatech.edu	Email – lbrabson3@gatech.edu

Diversity, Equity & Inclusion (DEI) Chair – Jason Ye

Email - jye76@gatech.edu

OUR CHECKLIST

The list of things to do before you start at Georgia Tech can be overwhelming, but do not panic. During ChBE's orientation prior to your first week of classes, you will be made aware of what's all to do before classes start. We wanted to go ahead and summarize some (but probably not all) of the action items that will be covered during orientation. Here we broke it down into 4 levels of priority:

Priority Level 1: do immediately, do not wait to arrive at Georgia Tech.

Priority Level 2: do as soon as you arrive at Georgia Tech or wait for orientation.

Priority Level 3: do immediately after first orientation session.

Priority Level 4: do at your own pace during the first week.

You wanted the second s

After being accepted to Georgia Tech, you will receive your **GT Student ID Number** (9digit number) by the Office of Information Technology (OIT) via email. The first thing you should do once you have this is to set up your GT Account at **Passport**. You will use this to log into pretty much any institute-wide online service, so go ahead and do it. **You can do this** <u>here</u>. On this webpage, all you need to do is first select "Students", and then enter your first name, last name, date of birth and GT Student ID Number given. Once you do this, the system should find you, and you can click on your name to advance. On the next page, your GT Account should be shown at the top. Note that the GT Account is different from your GT Student ID Number:

GT Account: Your first initial, last name, number (ex. gburdell3).

GTID: sequence of nine numbers (ex. 123456789).

You will use both your GT account and GTID quite frequently during your stay here. The Passport system will then ask you to do various tasks, such as creating a password, assigning security questions and setting up DUO two-factor authentication. Go ahead and do all of it. Note that if, at any point, you want to return to change your password, set up your GT Outlook account, or set up two-factor authentication, you can always come back to the Passport system <u>here</u>.

Y Level 1: Get compliant with your Health Forms & Immunizations Records

This task can be quite a headache, but the most painless way to submit your immunization records is to complete it online before you even arrive in Atlanta. This is important because you will not be able to register for classes until all your immunization records have been accepted in the system. A brief summary of the process required to submit your

immunization record online is included below. **All the information in based on what you can find** <u>here</u>

The first step you will need to take is to download and fill out the required immunization forms to the best of your ability. Domestic and international students use the same set of forms but may fill out different pages. For your convenience, **this set of forms can be found <u>here</u>**. You will need to print the forms and then make an appointment with a doctor, physician, nurse or go to urgent care. This is important because some of the required documents need the signature of a doctor, physician, or nurse. If you are missing any of the mandatory immunizations, you can get them on at your convenience.

If you are unable to meet with a doctor, physician, or nurse, you can try retrieving your immunization records from your undergraduate institution and requesting that they be signed by a nurse or physician on staff and sent to you via email. However, this method may be more tedious than printing out the forms since there is no guarantee that your undergraduate institution will meet the same immunization requirements that Georgia Tech holds. The easiest way for GT healthcare to track your immunizations is with the GT forms, so try to use those if possible.

Note that some immunizations are covered by Georgia Tech's subsidized health insurance if you opt in. This means you can get them for free at Georgia Tech under the insurance, but if you decide to do that, make sure you arrive in Atlanta in a timely manner to get all of it done. Once you've obtained all mandatory immunizations and have your forms signed, go back to the website and **upload your forms**. That's it!

Please note that deadlines for online submission can be early in the summer depending on your last name, so it might be a good idea to get this started as soon as possible. Even if you do not have it all complete, submit what you have and make sure to update as you go. If you are unable to submit any of your immunization records before orientation, it is imperative that you visit Stamps Student Health Center with the pertinent information as soon as you arrive to Georgia Tech. All students have registration holds until they fulfill their immunization forms.

Level 2: Order parking pass (if applicable)

If you drive and plan to park on campus, you'll want to apply for a parking permit as soon as possible using the **Driver Seat Portal, to be found <u>here</u>. Details regarding parking permit policies can be found <u>here</u>. Your Buzz Card will be the primary method of entry in all gated locations. License plate numbers will serve as permit credentials and will be used for enforcement and gate entry in some parking locations. For 2023-2024, annual parking permits cost \$ 795 for an individual permit, or \$ 695 for a carpool permit (with at least one other passenger). Map for parking zones can be found <u>here</u>.**

For previous classes of incoming students, a few people had issues obtaining a permit before registering for classes, because the Driver Seat Portal did not yet recognize them as Georgia Tech students. If this is the case, do not panic. You can wait until after orientation to get a parking pass on campus, it just might not be in the parking decks closest to your labs/classes. More information about parking is included later in this *New ChBE Grad Student Guide*.

Level 3: Enroll or waive Student Health Insurance

As graduate students in ChBE, you are required to have health insurance. The mandatory insurance coverage is provided by UnitedHealthCare and will be charged to your account by the Bursar's office. Since it will be charged to your account, you will pay this in the same way you pay your required fees (see sections below for more information on this). The premiums for Fall 2023 can be found <u>here</u>. All things considered, the coverage is good for the subsidized rate we pay, and the mandatory Insurance also has some nice perks, like free visits to Stamps Student Health Center (with no co-pay) and access to some free medicaments.

If you can provide proof of insurance coverage that meets the requirements of the University System Plan, you can apply for a waiver through United Health Care. When approved, the Bursar's office will waive the charge accordingly. More information about the plan benefits, premiums and the waiver process will be available through **Bursar's Office web page <u>here</u>**.

😽 Level 3: Register for classes

Don't worry about these now: at orientation, we will be there to help you register for all your necessary credits in the first semester. There is really no rush to register before orientation, since the department will ensure that the classes you need to take have enough seats for all incoming graduate students. Enjoy your time before classes start! Your account will not show semester fees until you register for classes.

🎸 Level 3: Pay your fees

Each semester that you enroll at Georgia Tech, you will be required to pay Student Fees. This cost was included as a part of the annual stipend in your offer letter. You can pay your fees in two different ways: **1**) **up front as a lump sum at the beginning of the semester; 2**) **deducted from your paycheck over three months (for Fall and Spring) or two months (for Summer).** The deadline to pay your fees or set up payroll deduction can be checked through Bursar's office website <u>here</u>. **You can find more on payroll deduction systematics <u>here</u>.**

😽 Level 3: HR Onboarding

If you were accepted as a GRA, you will need to go through Human Resources' onboarding process to officially be a Georgia Tech employee and to start getting paid. Please fill out the onboarding documents as soon as you have your documents ready. **To get started**, **go <u>here</u>**. Once you have filled out the documents, visit the Student Employee Onboarding Event during orientation to finish the process.

W Level 4: Get you Student ID Card (Buzz Card)

Your **BuzzCard** is what will grant you access to your lab / building and many other institute-wide facilities, so you will need it. Your GTID will also be printed on your Buzz Card, which makes it a handy reference for this important number. **You can start the process of getting your BuzzCard online by uploading your photo** <u>here</u>. If you upload your photo and your photo is accepted, you can just pick your Buzz Card up whenever it's ready from a pickup location (these vary during first weeks of classes). If don't upload your photo, no problem: you will have your photo taken when you are ready to go get your BuzzCard. Try to take the photo with your face centered on a plain background, such as a monochromatic wall.

V Level 4: Set up your DUO two-factor authentication

DUO is the two-factor authentication platform that Georgia Tech uses for all online account access. You may self-enroll in Duo online during the first two weeks of the semester. You can find detailed instructions on **how to do so <u>here</u>**. You will want to install the DUO Mobile app on your phone – you will use it quite a few times.

USEFUL WEBSITES

Contrary to what your advisor may try to tell you, the internet is a good source for some information. Georgia Tech posts lots of information online and you can even accomplish many tasks online so that you don't spend your day waiting in line. Here's a quick-and-dirty list of useful sites to check out.

Most Important Sites:

www.gatech.edu
www.chbe.gatech.edu
https://oscar.gatech.edu
www.buzzcard.gatech.edu
www.health.gatech.edu
http://map.gtalumni.org

Georgia Tech Main website School of Chemical & Biomolecular Engineering website Registration, Account Info, Student Records BuzzCard Services Health Services Campus Map

Other Useful Tech Sites:

www.oit.gatech.edu	GT account access
www.pts.gatech.edu	Parking Services
www.housing.gatech.edu	Housing Services
www.ramblinwreck.com	GT Sports
www.library.gatech.edu	GT Library
www.crc.gatech.edu	Campus Recreation Center (the gym and courts)
<u>http://bus.gatech.edu/</u>	GT Bus Tracking (there is also a phone app)
https://gtevents.gatech.edu/EmsWebApp	Room reservations (for studying, meetings, etc)

Atlanta & General Interest Sites:

<u>www.itsmarta.com</u>	MARTA transportation info
www.citysearch.com	Reviews, addresses, and hours for restaurants and bars
www.creativeloafing.com	Creative Loafing Atlanta Entertainment Guide
www.craigslist.org	Apartments, Furniture, Miscellaneous
https://discoveratlanta.com	Atlanta activities, attractions, and events

Useful Apps for your smartphone:

Passio GO!	Campus maps and real-time trolley and bus locations
MARTA	Atlanta public transit stop locations and times
Lyft and/or Uber	Basically taxi services, but cheaper and more reliable
Yelp	Reviews of restaurants, stores, and other services around Atlanta

Once you have your Georgia Tech email address, you can add the email to your Facebook profile and join the following groups:

GT Thrift Shop	Online marketplace for students to sell and buy goods
GT Room Search	Group to find roommates and housing.
Georgia Tech Grad Students	General info about graduate school at GT

SCHOOL OF CHEMICAL & BIOMOLECULAR ENGINEERING

Figure 3 General School Information

Upon your arrival at Georgia Tech, you will attend two ChBE orientations: one institutional ChBE Orientation, given by faculty and staff of the School of Chemical & Biomolecular Engineering. You will be flooded with important information and some formalities. Be sure to ask questions, and don't be intimidated by our professors; they are nice and chose teaching because they love answering questions! The second orientation will follow right after and will be a more informal AChEGS Orientation. This will be a great opportunity for you to get an insider perspective of what your first year will be like and resolve any questions you didn't feel very comfortable asking earlier. We will also be there to help you register correctly for your Fall classes!

If you are receiving full financial support, your tuition will be paid directly to the school by your sponsor. If you are a conditional student and not receiving full support, make sure that you understand what type of payments you are responsible for. **Note: All graduate students must pay their semester fees despite sponsorship**. This will be explained thoroughly during orientation. The tuition is significantly reduced from the standard full graduate student tuition, but sometimes the reduction will take a while to be applied. Be patient and wait until the reduction is applied before paying your fees and tuition.

Once advisors are assigned, you will be assigned to an office, which could occur right away or after a month or two depending on space, availability, and your need. However, you will wander like an open road drifter until then, more than likely working in the ChBE Computer Lab or the library. Depending on the location of your office, you will either request BuzzCard access or a physical key to the office and lab space by talking to the building manager. Mailroom keys are available on the front desk in the undergraduate office from Juanita Freeman.

Figure Achergy - Association of Chemical Engineering Graduate Students

We are AChEGS, an organization of which you are a de-facto member. AChEGS is a platform by which graduate students and ChBE's leadership can communicate. We seek to advocate for the quality of life of students, where they can securely voice their concerns and ideas to improve their experience in the department. Students' concerns can be brought up to AChEGS officers and will then be referred to the appropriate faculty and staff members.

Overall, our mission as AChEGS is to support graduate students by creating opportunities for social engagement, professional development, and service. In pursuit of this mission, AChEGS organizes several recurring events, such as monthly social hours and volunteer activities. AChEGS also provides informational resources, such as seminars or mixers geared towards specific topics or groups of people. Volunteer events are diverse, and include service in Science Olympiad, performing experiment demos at local schools and in the department, planting trees, and aiding local relief organizations.

AChEGS is also pivotal in bringing ChBE together and making sure first-year students have a smooth transition into our graduate program. Today this is done through 3 main projects: 1) a summer bootcamp course for new students from non-ChemE backgrounds; 2) a mentorship program that connects first years with senior graduate students; and 3) orientation and practice sessions for students taking the Qualifying Exam as one of the first steps in their graduate career in ChBE. We look forward to working with you!

Social media gt.achegs Website: <u>https://sites.gatech.edu/achegs/</u>

Academics

Classwork is an important part of the graduate school process and will be the most significant part of your fall and (possibly) spring semesters. All the information you want to know about these requirements and others can be found in the **online ChBE Graduate Handbook at** <u>https://chbe.gatech.edu/graduate/graduate-student-handbook</u>. Seven classes are required and will generally be completed in the first year. The standard fare for the first year is shown below, with "Thesis" hours making up the difference between class hours taken and 21 hours, the required (and maximum) number of hours to be taken in the Fall and Spring semesters. **Note: BioE students have different course requirements, please refer to their program information for details.**

Fall Semester (21 hours):	Spring Semester (21 hours):
ChBE 6001, Intro to Research (1 hr)	ChBE 6200, Transport Phenomena (3 hr)
ChBE 6003, Chem Process Safety (1 hr)	ChBE 4***/6***, Elective (varies)
ChBE 6100, Thermodynamics (3 hr)	ChBE 8002, Seminar (1hr)
ChBE 6260, Mass Transport (3 hr)	ChBE 9000, Thesis Research (varies)
ChBE 6300, Kinetics and Reactor Design (3	
hr)	
ChBE 6500, Math Modeling (3 hr)	
ChBE 8001, Seminar (1 hr)	
ChBE 9000, Thesis Research (6 hr)	

Unless you are exempt from some of the required classes, **DO NOT** attempt to take any electives during your first semester. You'll have plenty of time to pick up your remaining classes (3 for your minor) during the rest of your time at Tech. You can use <u>OSCAR</u> or access it through <u>Buzzport</u> to survey the class offerings. The Chemical & Biomolecular Engineering handbook which you can find online (page link above) explains many of the details about academics, and it is a good idea to read through that section.

We know the info seems overwhelming, but keep these things in mind:

- This is Chemical & Biomolecular Engineering graduate school! It is supposed to be challenging, or else everyone would be here.
- You won't have an advisor until late in the fall semester, so *you won't have any research responsibilities until then*. Quite a few advisors do not expect students to be in the lab until qualifying exams are over (January), but some do.
- All of us here have been through it and we have survived with just a few cuts and bruises, so don't hesitate to come to us when the going gets tough.

😼 Advisor Selection Process

Early in the fall semester, faculty members will begin giving short presentations about their research and the various research projects available in their groups. These will take place in the first few weeks as a set of lightning talks for new graduate students. You will also receive a list of the available funded projects. Based on the presentations and available projects, you should contact the faculty you would like more information from and set up one-on-one meetings where you can discuss at length the professor's research, policies, philosophies, etc. Use these meetings to get to know the professor and his/her research group. It is also **highly recommended** to talk to the graduate students in the lab(s) you are interested in. This will give you a better perspective on the type of work that goes on in the lab, what the advisor expects, and demonstrate your interest in working for that advisor, as advisors will often ask their students who they met with.

It is encouraged to consider a variety of faculty and projects and to keep a very open mind during the advisor search (i.e. do not concentrate on a single specific subject area or professor). It is often most important to find an advisor with whom you are personally compatible. This is your chance to see all the neat research going on in the school, so take advantage of it! You may discover you are fascinated by something you hadn't considered before. At the end of advisor selection, you will submit a ranked list of your top choices. The first round of advisor matching typically falls in October.

W Qualifying Examination

The qualifying exam is a **1-hour oral examination** proctored by a committee of three faculty members. The exam consists of a 10-minute presentation on a peer reviewed scientific publication related to chemical engineering fundamentals, i.e. thermodynamics, transport phenomena, and kinetics. You will be given exactly **one week** to prepare a presentation in which you will summarize the main research objectives, results, and conclusions of the paper and, most importantly, provide a **critique** of the work. In this critique, your committee will expect you to discuss the paper's impact/originality, the rigor of the scientific methods in the context of the relevant research questions, directions for further research, the quality of the data analysis and interpretation (does the data support the conclusions?), and any safety issues related to the experiments or scale up.

The remaining 50 minutes of the exam are dedicated to Q&A. The Q&A portion of the exam tests your knowledge of chemical engineering fundamentals, which should focus mostly on the material learned in undergraduate classes. Expect to receive both paper specific and general questions covering the fundamentals of chemical engineering as listed above. For example, you could receive questions on chemical/phase equilibrium, shell balances, adsorption isotherms, and reactor design. This is **NOT** an exhaustive list of topics considered fair game, but hopefully gives you some idea of the kinds of questions you may be asked. Most questions will focus on how the fundamentals can be applied to the research presented in the paper, but conceptual questions (regarding equations, definitions, derivations, and dimensionless numbers) may be included as well. It is **strongly recommended** that you familiarize yourself with the dimensionless numbers relevant to the phenomena studied in the paper.

AChEGS serves as a resource to help you prepare for your qualifying exam. AChEGS will host a general information session and panel discussion, where students will describe the format of the exam, explain how to prepare, and share strategies and perspectives to help you perform well on the exam. AChEGS will also host a practice qualifying exam which is available to all first-year students. Participation in the practice qualifying exam is **HIGHLY RECOMMENDED**, as students historically have benefitted from the experience.

Students seeking a PhD are **required** to take the qualifying exam in January during their first year. Additionally, PhD students must obtain a GPA of 3.2 or higher by the end of the Spring semester in their core curriculum classes (**Fluids, Thermo, Kinetics, Math Modeling, Mass Transport**). Your fall classes are the best way to start preparing for the qualifying exam, so study hard knowing that mastering the material will be critical to performing well on the qualifying exam. Bringing your undergrad textbooks/notes to Georgia Tech is also highly recommended. They will be a great resource to help you brush up on important topics that may not be covered in your Fall classes but could be asked by your committee on the qualifying exam. Note that you will be expected to have mastered undergraduate level material related to **all** the core classes, even those not offered in the Fall semester (fluids).

Teaching Assistants

ChBE **PhD students** are required to **TA a minimum of 3 semesters** and a maximum of 4, and **supported MS students** are required to **TA 2 semesters**. The workload for a TA assignment is expected to be about 5-15 hours a week (depending on the class/professor). Since your first semester is fully loaded with classes, first-year grad students will not TA in the Fall. However, you will be eligible from the spring semester onwards. If you feel a strong desire to TA for a certain class, feel free to email the Associate Chair for Graduate Studies, <u>Martha Grover</u>, and she may be able to accommodate you.

🐐 Mail (the slow kind) or Post

Chemical & Biomolecular Engineering graduate students automatically have boxes in the mailroom of the ES&T building on the first floor. Mail going through Georgia Tech is slower than regular mail at Christmas, so most people prefer to have letters from home, friends, etc. sent to them through their apartment addresses. If you live on campus, then there probably will be little difference.

If you are going to be living in a dorm or don't know your new apartment address at this time and you want to give your friends and family an address before you leave, following is the address where you receive mail (remember, you won't have access to your ChBE box until after the orientation meeting):

(your name)

Georgia Institute of Technology School of Chemical & Biomolecular Engineering 311 Ferst Drive Atlanta, GA 30332-0100

🗳 Computer Facilities and Software

The School of Chemical & Biomolecular Engineering is PC based. Therefore, for personal compatibility, the Windows PC is favored by students over a Mac. Your computer needs can be met by the PC lab in ES&T (room L2230-32) affectionately referred to as the **"dungeon."** This facility is open exclusively to Chemical & Biomolecular Engineering students (grad and undergrad). These computers are connected to the Georgia Tech computing network (GTNET), which provides you with an Internet connection; they are also loaded with most of the software you will need for fall classes (Matlab, MS Office, etc.). There are also **printers** available in L2230-32 which are connected to the computers. A weekly allotment of funds to use on the printers is provided (\$20) and will automatically be added to your account. Besides these computers, you also have access to the Macintosh clusters at the Student Center, Rich Building, and the library; the DOS clusters in the French Building and Library; and the SUN workstations in the Rich Building. These facilities are open to all Tech students. Most research groups have their own computers.

A Microsoft Outlook account will be created for you allowing for access to your Georgia Tech email as well as other Office365 resources (OneDrive, Word, etc). You receive your login and password for this account soon after you claim your GTID in Passport. This account is the one listed on all university directories and is viewed by the Institute as your default account, so most messages from other schools/offices at Tech will be sent to this address. This account is less formulaic (typically FirstInitialLastNameSomeNumber@gatech.edu) and harder to remember. When you are setting up your email inbox, you will have the option of adding an alias (if available) that is easier to remember.

The School of Chemical & Biomolecular Engineering home page can be found at <u>http://www.chbe.gatech.edu/</u>. This is a good way to keep up with departmental announcements. The department has a shared directory which you can access through any computer in the network – usually through a lab/office computer or on a computer in the ChBE computer lab. The shared directory has folders for specific labs (you will get access to your lab(s) folders) as well as some other resources.

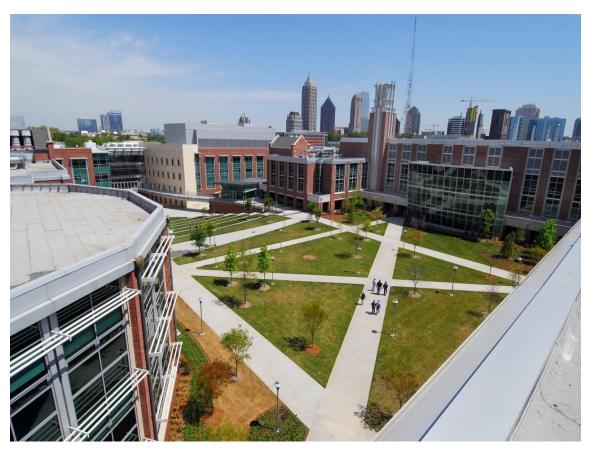
Through Georgia Tech, you will have access to quite a bit of useful software that you would normally have to pay for, which can be found at <u>https://software.oit.gatech.edu/</u>. Some software you can download and install on a personal computer, while some can only be installed on department owned computers. Any computer-related questions or requests for further instructions regarding the computing facilities should be addressed to our IT support team.

<u>Name</u>	Email	<u>Office</u>
Kevin Guger	<u>kevin.guger@chbe.gatech.edu</u>	ES&T L2245
Luz Feliciano	luz.feliciano@chbe.gatech.edu	ES&T L2245





Ford Environmental Science and Technology (ES&T) building which houses the ChBE chair's office



The **Bio-Quad** includes the Ford ES&T and 3 other research buildings

GEORGIA TECH INFORMATION AND RESOURCES

😵 Registration

As previously mentioned, you can easily register for classes at <u>http://oscar.gatech.edu</u> or through <u>http://buzzport.gatech.edu</u>. **To log into OSCAR:** the username is your GT ID number, and the password is your birth date (month, date, and year) UNLESS you already set up your GT Computer Account on <u>Passport</u>. For BuzzPort, use your GT ID to log in, although you may not have access to BuzzPort until you arrive. If you do not know your GT ID number, go to <u>https://gtid.gatech.edu/</u>.

HINT: Your GTID is essential to obtaining the BuzzCard (student ID) and computer account. Note that OSCAR can be accessed through BUZZPORT now, so you only need to know one thing: your BuzzPort username and password.

You should be able to register around the second week of August. You do not need to register for classes before orientation. See the Chemical & Biomolecular Engineering section of this handbook for more course and registration information.

After the semester begins, you will have four days to add classes and until mid-semester to withdraw. Be sure to register for enough course hours to cover yourself just in case you need to drop a course. Graduate students MUST register for **21 hours during the Fall and Spring semesters** and **16 hours over the summer** to receive reduced GRA/GTA tuition. If you have any questions, ask <u>Dr. Grover</u>, the Associate Chair for Graduate Studies.

Understanding Your Pay Statement

As employees of Georgia Tech, you will be paid monthly, and it's imperative to know how to access your paycheck and understand it. This will be useful for budgeting purposes or if there is an error in your pay statement. Feel free to use the following link from GT Human Resources. <u>Understanding Your Pay Statement</u>.

Parking and Transportation

If you choose to drive to campus, you should attempt to purchase your parking permit through Parking and Transportation Services (PTS) **BEFORE** arriving on campus. Information, pricing, and parking zone maps are found on the Parking and Transportation Services website (<u>www.pts.gatech.edu</u>), while the actual permit application is through the DriverSeat Portal (<u>driverseat.pts.gatech.edu</u>). Some new graduate students have had trouble creating a DriverSeat account and applying for a permit before registering for Fall classes. Do not wait! You may have to wait in a long line, so come prepared.

There is extremely limited free and legal street parking in the Home Park area near campus; thus, purchasing a parking permit is recommended if you plan to drive to campus. **An annual parking permit will cost \$795/year**. If you plan to commute with your housemates, you can arrange a similar schedule **and purchase a carpool permit (reduced rate of \$695/year)** that can be transferred between cars. However, it is important to note that both members signing up for the carpool permit are required to live at least 0.5 miles outside campus borders. Additionally, neither member of the carpool permit can have an annual parking permit in addition to a carpool permit. Your permit allows access to a single parking zone (see PTS website for parking zone maps) at any time and any non- residential, non-visitor parking area after hours (5 pm-8 am weekdays, 5 pm Friday to 8 am Monday). The Smart Park permit is another option if you plan to walk/bike to campus, but may occasionally want to drive (inclement weather, coming to campus after hours). This requires a \$25 deposit which allows you to purchase \$6 SmartPark units which provide a day's access to the parking garages on Tech's campus. This is a discounted rate as a day's access typically costs ~\$20.

<u>Here</u> is the map for parking zones. The closest parking zone for most Chemical and Biomolecular Engineering homes is the **W23 garage**. However, this zone is often in high demand, so it may be difficult for incoming students to access this specific parking deck. Some other suggested parking zones are listed below, where previous ChBE students have previously purchased a permit when W23 had a waitlist:

- W22 (Dalney Garage) It is very close to W23.
- W21 (Physics/Boggs/Mason) A large, open surface lot right across the street from the BioQuad
- **E40 (Klaus Deck)** Covered, across the street from ES&T
- **W10 (CRC)** The garage belongs to the Campus Recreation Center (where the gym is). It's about a 10-12 minute walk to the BioQuad via Ferst Dr.
- Wo1 (Tech Pkwy/Ferst Dr) About a 7-10 minute walk down Ferst, but uncovered
- **ER55 (Techwood/Fowler)** A shorter walk than the previous two, but from the other direction

During special events (sporting events), you may not be able to park in your usual lot (ER55 and W10 get this occasionally, you'll just be advised to park in a different adjacent lot). Ensure to check your email from PTS for any temporary situational changes. The best advice is to buy a permit and park in your designated lot during working hours to avoid these inconveniences. Also, parking fines are excessive; the fine for those that don't have a Tech permit is \$50 and your car is towed after the third offense.

If you live close enough and want to bike for your commute, you should evaluate whether you're comfortable biking based on your location. The Georgia Tech campus itself is very bike-friendly, but it varies based on location outside campus. Atlantic Station and some areas in Midtown are very bike friendly as well!

The university operates a **Stinger (bus) transportation system** that travels on several designated routes in and around Home Park (the residential area just north of campus). There is also the Tech Trolley, which travels between the CRC, Tech Square, and

the MARTA station on 10th street. **The Stingerette** (404-385-7433) is an evening, oncall transportation service available when the other buses are not running (*It's like a free Uber/Lyft within a given radius of campus*). Some off-campus locations have been recently added to the Stingerette route but require a Safe Ride Home Punch Card (\$20 for ten rides), which can be purchased at the Parking and Transportation Services office. You can obtain the latest information about this system (such as routes and schedules) after arriving on campus through <u>https://pts.gatech.edu/campus-bus-routes</u>.



Tech Square

Located down 5th street across on the eastern side of the interstate. Tech Square is very accessible to ES&T and has many quality options.

- Tin Drum modern Asian fare, highly rated
- Moe's Tex-Mex Burritos
- Ray's New York Pizza offers a lunch buffet
- Atwood's Pizza very good pizza but a little more of a walk from Ray's
- Buffalo Wild Wings a chicken wing chain
- Waffle House Diner-styled food with a focus on waffles
- Gyro Bros Greek-style food, specializing in gyros
- Starbucks located in the Tech Bookstore and off of Spring Street by the Standard apartment
- Umma's House Japanese/Korean Asian fusion
- Momonoki Japanese food and café. Second floor is a good place to study
- Insomnia cookies Late-night cookie shop
- Taco bell Mexican-inspired fast food chain

Student Center

Located in the center of campus.

- Cafeteria includes Great Wraps, Far East Fusion, Zaya Mediterranean, Rosita's Cantina, Dunkin' Donuts, Café Spice (Indian), Salad Bar, Deli, Grill, and Hot Entrees.
- Chick-fil-A fried chicken sandwiches, biscuits, nuggets
- Pizza Hut Express a half-size that offers individual pizzas and breadsticks
- Subway Sandwich chain
- Panda Express fast casual American-Chinese restaurant

West Midtown

- Dominos Pizza chain
- Food Terminal Malaysian street food
- Emmy's Square Pizza Detroit-style pizza and cocktails
- Urban Grind's Coffee House Local coffee shop with warm and cozy interior
- Chiba Hut Sandwich shop
- Wok Chi Chinese food

Other Food

Various locations around campus.

- Food Trucks A rotating selection of food trucks set up on Tech Green for lunch during weekdays
- Rocky Mountain Pizza technically off-campus, located at the corner of Hemphill and Tenth streets serving pizza, burgers, wings, and cheap beer. GT students frequent their trivia night on Tuesdays.
- West Village Dining Hall west side of campus.
- Brittain Dining Hall east side of campus.
- Sandwich and Coffee Stands multiple locations across campus, including EBB offer coffee, sandwiches, soups, and other options, depending on location



You MUST have all your immunizations before registration!!!

You will receive more information about immunizations from the **STAMPS Health Center** if you are an international student but know that there are options for taking care of this matter on campus.

A health fee is included in your general student fees, and it covers most of the available services. The Health Center on campus has a number of doctors available for consultation every day of the week, and there is no charge for these visits if you have paid your fees, which you have to anyways. You need to schedule your appointment online one day in advance at <u>www.health.gatech.edu</u>.

The health center has a pharmacy that will fill most of your prescriptions at little to no cost to you. The health center also does some minor lab testing, x-rays and has physical therapy equipment. Specialists, such as orthopedic surgeons, dermatologists, and allergists (you get one free box of allergy medication each semester too!), visit the clinic periodically and can be seen for a nominal fee. Call the clinic to make arrangements.

The health center offers gynecological services and examinations at selected hours during the week for a minimal fee; you should call the Women's Clinic for times and appointments at (404) 894-1434. Pregnancy testing and other common health examinations are either free or available at a nominal charge. Prescribed medications from the health center can be filled at a low cost. Allergy injections are free at Tech when you provide the necessary documents and prescribed dosage, but the health center does not do allergy testing. There is also a private dental practice on the second floor of the STAMPS building, called Tech Dentistry. Georgia tech offers free COVID testing on campus. For asymptomatic, routine testing (recommended), check out hours and locations here (<u>https://health.gatech.edu/coronavirus/testing</u>). The STAMPS health center also offers symptomatic COVID testing and free vaccines.

Georgia Tech also has many resources available for **mental health**. The psychiatry clinic located in STAMPS provides psychiatric services and medication management, and the downstairs pharmacy makes picking up these prescriptions very convenient. Georgia Tech also has an on-campus counseling center located in the Smithgall Building, which offers many services, including individual, group, and couples counseling, and counseling for life skills and career. The counseling center also has a **"Counselor on Call"** for urgent mental health concerns. The 24-hour line can be reached at **(404) 894-2575**. If you are on the Georgia Tech's student health insurance, you could seek free online counselling on the HealthiestYou platform (<u>https://go.healthiestyou.com/student/</u>). The university also provides a free Headspace subscription, a meditation app, for students.

If you are married, your spouse may also use the health center. Your spouse must pay the regular student health fee during the first two weeks of each semester. You need to bring your spouse, along with their ID, over to the health center and have them validate the ID. This coverage is not available for anyone other than legal spouses (i.e., children).

In accordance with the guidelines and recommendations of the United States Public Health Service, it is recommended that all students with AIDS (Acquired Immune Deficiency Syndrome), ARC (AIDS Related Complex) or HTLV-III infection (Human T-Cell Lymphotropic Virus-III) report this fact to the Director of Health Services as soon as they arrive on campus. Confidentiality for the individual, in accordance with the Health Insurance Portability and Accountability Act (HIPPA), will be maintained. Support and counseling for these students are also available.

For further questions, please reach out to the Health Center at (404) 894-2584.



The Georgia Tech Library is open 24 hours every day for students, except during certain holidays and events, and you must have your student ID with you to enter the library.

You will find designated quiet study areas throughout the building which make great study spaces. The East Wing is generally more silent than the West Wing. You'll find areas for group studying in the West Wing. Reservation might be required for certain locations, so please visit <u>http://library.gatech.edu/spaces</u> for more information. Graduate students may rent lockers, and small study corrals at times. Note that you can keep the same lockers for your entire stay at Tech. To do so you must make a \$10 deposit and renew your locker key at the beginning of each semester. There is also a quiet graduate study area on the 6th floor of Crosland which requires BuzzCard access.

The Georgia Tech Online Catalog, GTEL, is part of the library's Online Information System. Using the Online Catalog, you can search for books and periodicals (1985 present) using keywords and phrases. To master the use of GTEL, check the Information Desk for an information packet. You also have the option to schedule an hour-long course for GTEL. GTEL is now also conveniently accessible via the Internet at <u>http://www.library.gatech.edu</u>. You could also use Illiad (<u>https://illiad.library.gatech.edu/</u>), a platform for borrowing books from different institutions and libraries in the system.

The Circulation Desk is located on the main floor – 1 East (to your right as you walk in). As a graduate student you have the flexibility to check out books for an entire semester. You may renew your books by calling the circulation desk before the item is due or on the



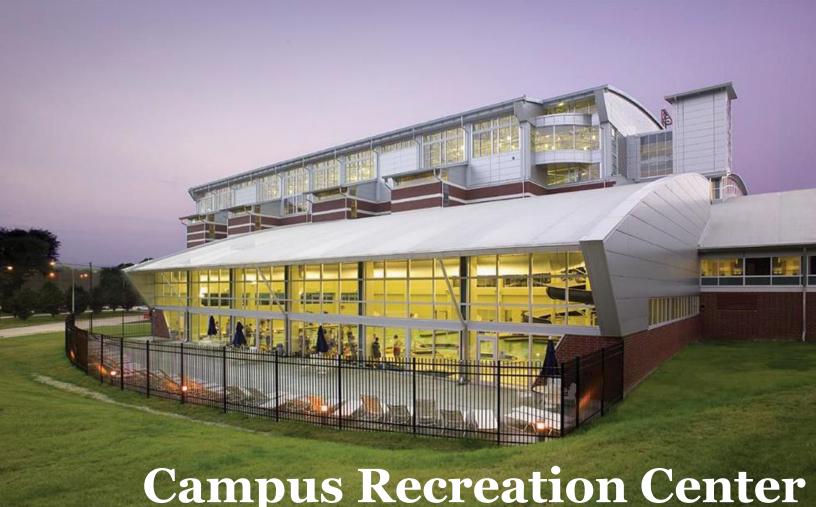
library website. For overdue items, there is a late fee of 25 cents per item per day. These fines add up quickly, so try to remember to return or renew.

The BuzzCard Center is located on the second floor of Barnes & Noble and is generally open from Monday through Friday from 9 AM - 4 PM. You will have to come here to get your BuzzCard for keycard access to everything on campus, including the CRC. For more information visit <u>https://buzzcard.gatech.edu/</u>.

Bookstores and Textbooks

The primary location for purchasing textbooks is the Barnes & Noble @ Georgia Tech Bookstore, located in the heart of Technology Square. The bookstore is 43,000 square feet and is located at the corner of 5th and Spring Streets. Take advantage of the more than 80,000 general reading and reference titles, grab a cup of coffee at Starbucks, pick out your favorite CD or DVD, or purchase various Georgia Tech regalia. The best feature of Barnes & Noble is that you can find out what your textbooks will be by following the links on the website http://gatech.bncollege.com/. A word to the wise: not all classes have required textbooks. For example, the ChBE Safety and Math Modeling textbooks are only recommended, and the kinetics textbook is available online. You can likely find other textbooks online as well. Make sure to check before buying textbooks for your classes!

You may also want to consider ordering books online, if you prefer an online format. Sites such as <u>www.varsitybooks.com</u>, <u>www.textbooks.com</u>, <u>www.abebooks.com</u>, and <u>www.amazon.com</u> are good places to start for new or used textbooks. You should not expect to spend any money on textbooks, as most of them are not required or you can find them online through the library. If you still want a physical version of your textbooks, expect to spend at least \$300 (up to \$400-500) for your fall textbooks depending on what the professors require.



The Campus Recreation Center (CRC) houses the following:

- Racquetball 4 courts
- Squash Court
- Basketball Courts (upstairs) too many to count
- Volleyball convert the basketball courts
- Badminton convert the basketball courts
- Table Tennis 3 tables
- Indoor track
- Olympic Pool
- Diving Pool
- Recreation Pool (with waterslide and "lazy river"!)
- Climbing Wall
- Small Multipurpose Court (Indoor Soccer, Dodgeball, Roller Hockey, etc.)
- Martial Arts practice/performance rooms
- AstroTurf Soccer/Football/Cricket/Frisbee Fields

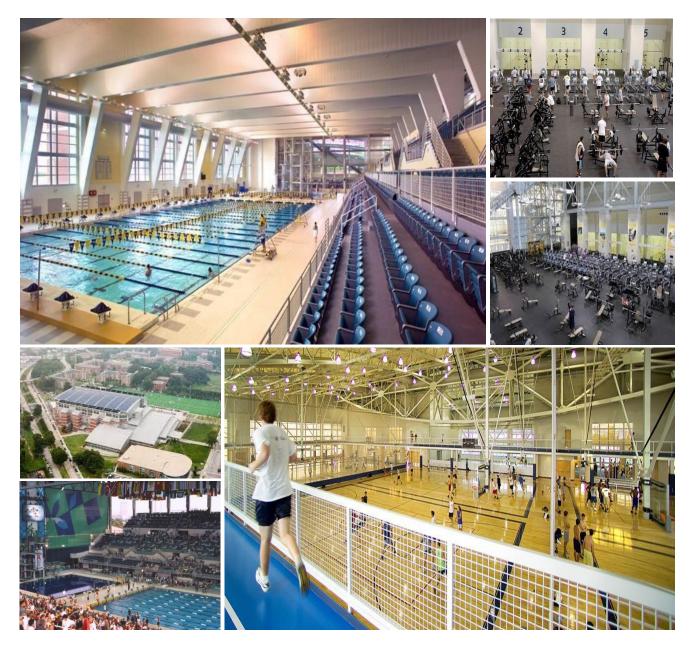
• And much, much more! Check <u>http://www.crc.gatech.edu</u> for more information.

There are many tennis courts (indoor and outdoor) located adjacent to ES&T – just past the track. We have exclusive use of the indoor courts outside match play. Check the

Byer's Tennis Complex website for availability. There are also open access tennis courts above Peters Parking Deck.

Your BuzzCard grants you access to the CRC, and allows you to rent lockers and check out rackets, balls, goggles, towels, etc. If you have any questions about the CRC, you can reach them at (404) 894-3910.

The CRC sponsors many intramural sports like basketball, volleyball, soccer, ultimate frisbee, and many more. The sports are divided into two six-week phases per season. For example, there are two phases in the fall: Phase I for the first six weeks and then Phase II for the next six weeks. There is a fee to register for intramural sports, but once you pay you have access to as many sports as you would like for a given semester.



Student Center & Student Services



The student center is the central hub of student life. After renovation in 2022, the first floor of the student center now houses Tech Rec – a space with recreational activities for students to unwind. This includes bowling alleys, pool tables, foosball, board games and more! Some other amenities in the Student Center are:

- * auditorium
- * game room
- * ballroom
- * art display gallery
- * meeting rooms
- * College Optical
- * TVs and Computers

- * crafts center
- * piano practice room
- * information desk/Box Office
- * audio room
- * ATMs
- * Student Travel Agency
- * Burdell's Convenience Store

You can reserve the meeting rooms or register for optional classes such as ballroom dancing, automotive maintenance, etc., at the information desk. You can find out pretty much anything about Tech at the information desk if you know what to ask. Excluding sporting events, discount tickets to Tech events are purchasable at the Box Office with a BuzzCard (two tickets per ID).

Behind the Student Center is the Student Services Building (also known as the Flag Building because it displays the flags of all countries represented by students at Tech). This building houses:

• The Graduate Student Senate

- Housing Services
- Office of Student Affairs
- Counseling Center
- Women's Resource Center
- LGBTQIA+ Resource Center
- Erato (Literary Magazine)
- Blueprint (Yearbook)
- Technique (Student Paper)
- WREK (campus FM radio station) ...and many other student organizations.

Y Campus Organizations and Activities

Outdoor Recreation at Georgia Tech (ORGT) is funded through student activity fees and offers a wide variety of activities, including caving, backpacking, canoeing, rock climbing Kayaking. More can be found at <u>ORGT's webpage</u>. You can pick up an ORGT flyer at SAC with a listing of their activities for the semester. They also rent equipment to Tech Students at very cheap rates. ORGT is in the O'Keefe Gym Basement, on East Campus, accessible via 8th Street off Fowler.

Georgia Tech offers Beginner's Car Care, Kickboxing, Ballroom Dancing, Celtic Music, Piano Lessons, Aerobics (water, step, etc.), Yoga, Various arts and crafts, Spanish, German, Arabic, etc. Fees vary for each class. For more information, check the information desk in the Student Center. There are many campus organizations, some of which focus on sports, academics, honor societies, religion, or culture.

The Graduate Studies department of GT offers a 1-credit course, called Grad Groups, that focuses on group-style peer mentoring. The course number is GT6000. This course meets once a week for the first eight weeks of classes. These groups are made up of about 16 students with different backgrounds and academic interests and are led by an older grad student. The goals of Grad Groups are to help incoming graduate students acclimate to life at GT, offer networking opportunities with other new grad students, and expose new students to valuable resources you may not be aware of. For more information, check out http://www.gradadmiss.gatech.edu/grad-groups

The American Institute of Chemical Engineers (AIChE) has an undergraduate chapter at Tech. They have weekly meetings, and grad students are always invited (They have free food, but you must be a member). It is a good idea to become a national member of AIChE. The cost for Graduate Student Membership is about \$15/year. You will receive a monthly magazine, "Chemical & Biomolecular Engineering Progress," and notices about the monthly meetings of the Atlanta Chapter.

Other Groups: There are other groups and organizations on campus. You should be receiving information about them during registration and in email. If you do not receive information, you can always check the TECHNIQUE (the Tech paper) and postings in the Student Center or CRC for affinity groups. You can also check <u>jacketpages</u>.

Tickets for Varsity events

Georgia Tech competes nationally in various intercollegiate sports as a member of the highly competitive Atlantic Coast Conference (ACC). The most popular sports include football, baseball, and basketball. Obtaining tickets for these activities can be a confusing process, so here are some hints.

Football: Single-game tickets for football games are free for all students. To claim a ticket, you must go online to <u>http://www.ramblinwreck.com/tickets/student-tickets.html</u> the week leading up to the game. Tickets are offered on a first come, first serve basis and go fast for popular matchups. Bring your ticket and BuzzCard to the game for entry. If you wish to bring a non-student friend into the football game, you may purchase a guest ticket depending on availability. These go on sale the Wednesday before the game. The price varies depending on the opponent.

Football games are usually on Saturdays; you can pick up a schedule from the Edge Athletic Building next to the Bobby Dodd Stadium or just look it up online in the website above. Get to the stadium about an hour before the game to get a seat, because the Athletic Association has only reserved a limited number of accessible seats for students.

Basketball: Basketball season begins late in the fall semester and ends around spring break. Being part of the ACC, we regularly host basketball powerhouses like Duke, North Carolina, Virginia, and Louisville. Tickets are also free, and anyone with a BuzzCard can access the games. Often, there's free GT gear given to the first allotted number of student attendees (check your email for these specials).

Baseball: Unfortunately, baseball tickets are not free to students, but they are still cheap (~\$10) and are on a first come first serve basis. The baseball team is nationally ranked, and the games are always a blast. The tickets are sold online by section, so be aware of which section you are purchasing as the price could change depending on the location.

Living in Atlanta



¥ Housing Options

Finding the right location to live in to start your PhD journey is \sim 50% of the battle (and \sim 90% of the stress). The nice thing about Atlanta is that you have many options for where you want to live. ChBE grad students live all over Atlanta; in fact, there's a distribution between decent people living close to and farther away from campus. You may try to contact each other about rooming together to cut back on costs, which can be high (unless you are coming from NYC, Boston, or the Bay Area - then it will appear to be cheap!).



ATLANTA

Please note that the information below is a composite of insights from previous/current students as well as perspectives from the writers of this guide. It is meant to be helpful

but by no means is it prescriptive or binding. With that disclaimer out of the way, let's get into the options that are available to you.



On-Campus options

For graduate students living on campus, there are basically two options, both located on Tenth Street, up Atlantic from ES&T.

Graduate Living Center (GLC)

GLC features shared apartment style space with individual bedrooms and two residents sharing a complete bathroom. All residents of the apartment share a living room and kitchen. If you live here, you will pay your entire semester's rent at the beginning of each semester.

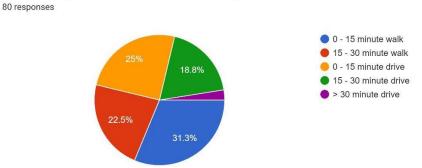


Tenth & Home Apartments

Fairly new, very nice individual apartments, which are designed for married students and students who are parents. More information about graduate housing on campus can be found here: <u>GT Graduate Housing</u>

Off-Campus Options

As mentioned earlier, Atlanta is a large city and there are plenty of places to live. To get some perspective, here are some results from a recent survey we conducted in 2022 within the department.



How far are you from campus or the building you work in?

There are several locator services online and it is a good idea to visit some of these websites. Make sure there is not a fee for using this service; most of them are free though. Here are a few:

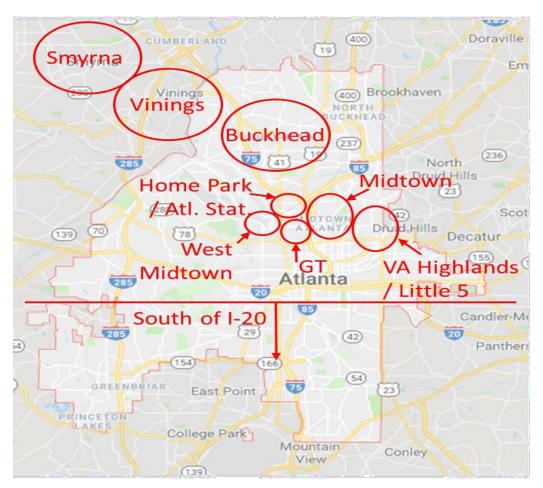
www.apartmentratings.com - Rates apartments in the area www.craigslist.org - choose Atlanta area www.promove.com - Free service that helps you find the best places to live in Atlanta https://www.apartments.com/off-campus-housing/ga/atlanta/georgia-institute-oftechnology/ https://www.zillow.com https://www.facebook.com/groups/874587085948997 - Georgia Tech subleases, roommates, housing & apartments

We strongly encourage you to visit Atlanta to search for an apartment before orientation (if possible), because the longer you wait, the more inconvenient it will get. An early arrival will help you avoid a hasty decision, and you have a better chance of getting a good deal on rent. You will want to bring a checkbook to pay for application fees and deposits. It is also advisable to check in with your desired locations semi-regularly, as openings in leases are snatched up quickly. More advice from current students is included later.

One of the most important decisions is not what building you live in, but where you live in Atlanta. The following neighborhoods are typical for GT students to live in, including a small map to give you an idea of where these neighborhoods are located. Frankly, there is some housing available within walking/biking distance to campus, but many students

AT ANTA

choose to drive. Later in the packet, you will also find descriptions of what the different neighborhoods have to offer in terms of atmosphere, nightlife, and eats.



HOME PARK: Home Park is very convenient for those who do not have a car or prefer walking/biking for their commute to work. This neighborhood is located just north of campus, between 10th Street and 16th Street. Most of the residents are Tech students, and while there are a few apartment buildings in Home Park, most people living there rent houses. The houses are your typical beat-up college homes; however, some are nicer than others. The convenience of walking to campus while not having a dorm room sized place is great and is one of the main perks of Home Park. Home Park is strictly residential, so it's not the best location for those seeking a more upscale, hip city feel.

ATLANTIC STATION: Atlantic Station is in a central location, just north of Home Park. Just like Home Park, it's just a short drive to Midtown and Downtown, and it is very bike-friendly, perfect for those interested in commuting by bike. The area contains tons of apartments, condos, and townhomes, and there's an IKEA, Publix, Regal Theater, Target, and outdoor shopping area conveniently nearby. This area is not the best option for someone that wants to be in the center of the action, where they can walk to bars, clubs, etc. Atlantic Station can be relatively expensive compared to other options and is generally comparable with Midtown prices. For someone that wants to live in a newer, quiet, low-traffic neighborhood close to Georgia Tech with good shopping nearby, Atlantic Station is



ATLANTA

the place. There is a free Georgia Tech shuttle that stops by Atlantic station if you don't want to drive/walk to campus.

MIDTOWN: Midtown is the center of Atlanta (also where Georgia Tech is located) and has all the qualities of a big city: lots of people, places to go, things to see, and yes, traffic! Midtown is also home to most of Atlanta's arts, festivals, and cultural events. You will never run out of shops to visit, restaurants to try, and festivals to attend! Renting in Midtown can get very expensive, although deals do exist if you look carefully (just make sure the random building next to your apartment doesn't turn into a club at night ^(C)). If you live in this neighborhood, it would be very easy to walk/bike to campus, and there would be a lot of fun bars and restaurants at your fingertips.

WEST MIDTOWN: When people talk about West Midtown, they often refer to the area west of Georgia Tech around Howell Mill Road. Although this area lies some distance from Midtown, it is brimming with yummy restaurants, popular shops, good breweries, and is home to a lively nightlife scene. In recent years, this has become a popular place for new incoming students to live due to balanced rent prices (less than Atlantic Station), proximity to campus, and new restaurants/bars/breweries. It is not ideal to commute from here to Georgia Tech by bike or walking but is still very possible depending on where you work.

HIGHLANDS The Highlands is an area located equidistant between Georgia Tech and our neighboring institution, Emory University. The neighborhood runs along Highland (hence the name) and offers more unique restaurants and bars than you will probably have time to visit! The area is a favorite among graduate students and other young people. In addition, the rent for most apartments in this area is reasonable, especially when living with roommates.

BUCKHEAD Located north of campus (head north on Peachtree Rd about 4 miles), this area is probably the priciest area to live and shop in. Buckhead is home to the famous Lenox Mall and is also known for its nightlife. Most people drive to campus if they live here, it is not very bikeable compared to Midtown.

VININGS Located just inside of the Perimeter (I-285) in northwest Atlanta, Vinings offers access to major shopping and dining areas while retaining the tranquility of a small southern town. The cost of apartments will be less than living closer to Georgia Tech. The tradeoff here is convenience (time, gas, and traffic jams).

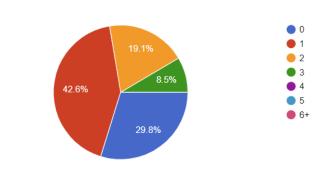
SMYRNA Located just outside of the Perimeter (I-285) in northwest Atlanta, Smyrna is a suburban area that offers apartments at great prices with great amenities. It's also close to Truist Park (where the Atlanta Braves baseball team plays), and the "Battery", a fun area with great shopping, restaurants, and sports bars. Because this neighborhood is outside the Perimeter, travel time to campus will be at least 20 minutes by car, and longer at rush hour due to traffic.

ATI ANTA

Roommates

Having a roommate can be a great way to get to meet members of your class or other students at Georgia Tech in your first year (and potentially beyond). Note that there is absolutely no pressure to do so, and current graduate students can manage living on their own. The easiest way to find roommates is to message out in your cohort's group or use the GT housing Facebook group (linked above). For perspective, these were the results from an internal department survey:

How many roommates/housemates do you have?



Advice

Now we include some general advice from current students that might be helpful to you. Again, please note these are opinions and are not meant to sway your decision making one way or another.

47 responses

"When deciding on a place, make sure to ask about hidden fees. Also ask for discounts/deals!"

"The GLC offers 1/2-bedroom options for single graduate students if you are looking to be close to campus and don't have a car"

"Try to negotiate fee waivers or one month free rent"

"It's pretty difficult to find apartments near campus that aren't expensive unless you get a roommate"

"In general, you get what you pay for. Cheap apartments in nice areas are cheap for a reason."

Apartment Necessities

Furniture

As a graduate student you probably want nice but inexpensive furniture. We are incredibly lucky to have an IKEA store nearby in Atlantic Station. Check them out at www.ikea.com and try to go during weekday business hours to miss the crowds. Also try www.craigslist.org, "Creative Loafing", or the daily paper for discount furniture. Amazon and Wayfair are good options because they deliver the furniture for you, sometimes preassembled and are moderately priced. Facebook Marketplace and the Buy Nothing page are also good options for cheap used furniture.

ATLANTA

The Salvation Army sells used furniture and is located adjacent to the Tech campus. Also, there will probably be recently graduated students trying to get rid of their furniture (see the Georgia Tech Grad Students Facebook page). Notices of items for sale are usually found downstairs in the Student Center where the off-campus housing bulletin board is. Check the GT Thrift Shop Facebook page for good deals!

Utilities

Be sure to ask your apartment owner/manager which utilities you are responsible for, and which companies provide service in your area. If your utilities are paid through the dorm or apartment/house, ignore this section. There are a few electric and gas service providers in the Atlanta area. Georgia Power/Georgia Natural Gas are the largest, but do not necessarily have the best rates. Fortunately, state law requires that all utility companies post their rates. You even have the option (in some places) to receive Green Power and Green Natural Gas. Keep in mind that a particular apartment complex or housing situation may require the use of a particular provider, depending on location and agreements. You can ask apartment managers what the typical utility bill is in a month before you move in so you have an idea of how much these might cost.

Water and sewer service is handled through either the city or county of your residence. Check with your apartment complexes for how they deal with water / sewer bills, as some complexes act as the intermediary between you and the water company. If you live outside the city, you must contact your county public works department. If you live around Tech, you will deal with the Public Works Department of the City of Atlanta.

You may also be expected to pay for trash service and/or pest control. Again, be sure to clearly communicate with your landlord/apartment management to understand which communal services you may be responsible for.

ኝ Transportation

If you don't have a car, or even if you do, you may have a need for Atlanta's rapid public transit system, MARTA. We haven't enclosed maps of the routes, but you can cover a majority of Atlanta by MARTA (if you like the bus). Check out the MARTA web page at <u>www.itsmarta.com</u> for maps of the rail line and the up-to-date information during times influenced by COVID-19. To get bus schedules, you'll have to go down to one of the stations. There are two rail stops within walking distance of the Tech campus. These are Midtown (at 10th St, station N4) and North Avenue (station N3). Once you become more familiar with the Atlanta area, MARTA will become very useful. You should be warned that **Atlanta is well-known as a "car-city"**. It can be tricky without one, but life around Tech should be possible with grocery shuttles on weekends, a shuttle to the MARTA from campus, and the availability of necessities at least within biking distance. Uber, Lyft, and Zipcar provide additional car sharing options.

ATI ANTA

Note that Georgia Tech students do receive a discount on monthly MARTA passes. They can be purchased at the BuzzCard office for \$58.50 (normally \$95.00). For MARTA, the Breeze card itself is \$2 and is valid up to 3 years so you may use it and replenish the card in that time span whenever you're traveling by train. A one-way ticket to any point along the line (such as the Airport or Doraville) will be \$2.50.

Airport

Hartsfield-Jackson International Airport is the busiest airport in the world, and as such it brings pros and cons. The good news: it's big enough to take you virtually anywhere you need to go for a reasonable price. Delta (headquartered here) has a hub at Hartsfield-Jackson and the competition amongst other airlines helps to keep fares low. The bad news: as a large airport, getting there can be hectic, especially at high-travel times. Fridays and holidays are especially chaotic. Taking the MARTA Train is probably the best way to get to the airport at any time, as the airport is at the end of the north/south-bound rails and goes directly to Midtown. Ride-sharing such as Uber and Lyft are also available but can get pricey if you're going on your own as a typical fare from Midtown can be anywhere from \$30-50 (speaking from personal experience). In comparison a trip via MARTA is \$2.50 for a one-way ticket to the Airport from any location. If you park at the airport, there is ATL Park Ride parking that is \$10-13 per day in a covered/uncovered lot that includes transportation to the terminal. That is the cheapest option for parking at the airport.

Banking

There are plenty of banks in Atlanta. Three of these have bank machines in the student center: **Bank of America**, **SunTrust**, **and Wells Fargo**. Tech now requires stipend checks to be direct deposited, so pay attention during orientation on any requirements/procedures that apply.

Wells Fargo:	1 (800) 869-3557
Bank of America:	1-800-299-BANK
SunTrust:	(404) 230-5555





Now that we've told you all that you could ever stand to read about Georgia Tech and the necessary aspects of Atlanta living, you should be comforted to find that you are in a city where you can never use the "There's nothing to do here" excuse on a given weekend. Atlanta is the major metropolitan area of the South and has much to offer in the way of entertainment and eating out. There are always events posted on Facebook for festivals, bar crawls, farmer's markets, parades, sporting events, etc. For the old-school folks who enjoy reading on paper, one of the best ways to get the scoop on the week in Atlanta is by flipping through the pages of "Creative Loafing." This paper is available on Wednesdays outside various stores, local restaurants and bars, and even outside the GT Student Center. Creative Loafing has television and movie listings, dance clubs, upcoming concerts, local bar band information, and even restaurant coupons. Another excellent source of local happenings can be found in the Weekend section of the Thursday edition of the Atlanta Journal called Access Atlanta, or the leisure section found in Saturday's paper.

As in every big city, you could eat at a different place each night and still never visit every restaurant. Finding a restaurant or bar with Yelp or City Search (<u>www.citysearch.com</u>) is the next best thing to asking the advice of your favorite older grad student.

Atlanta is also home to a great local band scene, if you like that sort of thing. This is where a lot of up-and-coming bands got their start, and many established groups still play here. Popular concert venues are the Roxy, Cotton Club, the Tabernacle, State Farm Arena, Chastain Amphitheatre, HI-FI Buys Amphitheatre, etc. In conclusion to this lovely introduction, we leave you with one thought: there's a lot to do here.

ATLANTA





Our neighbor to the north just a few blocks away (17th street), is a live, work, play area with townhomes, IKEA, Publix, Target, a slew of retailers, and a bunch of restaurants. If you live by GT, you will get to know this area very well. This area was originally a factory called Atlantic Steel. Now environmentally clean and shopper friendly, this rejuvenated area showcases Atlanta's commitment to bringing young professionals out of the suburbs and back into the city. Parking is free for the first two hours and it is actually quite convenient. Occasionally you might even see a market set up in the main square, where people sell unique handmade goods. Interested in watching a movie? Regal Cinemas is also in Atlantic Station – look out for discounted student tickets on Tuesdays. There are social events that take place in Atlantic Station. Check out the website for a map and a list of stores and happenings at http://www.atlanticstation.com/.

Virginia Highlands

One of the more historic areas of Atlanta is Virginia Highlands, or The Highlands. The name is derived from the intersection of Virginia and (you guessed it) Highland. This is a popular hangout for students from nearby Emory University, but it is equally accessible to Georgia Tech students as well. It houses the Beltline (a trail that runs through the city) and Ponce City Market.

It is easy to get to the Highlands from campus. Just take North Avenue or Ponce de Leon until you hit Highland Avenue and turn left. Like it or not, you are there. The Highlands offers great eats, outdoor patios and a range of drinking establishments. You can spend as much or as little as you want on a Grey Goose martini or pitcher of PBR, on Thai food or a meal in the oldest pub in Atlanta.

Little Five Points

Located near the Highlands, Little Five Points is another cluster of food, folks, and fun. Located where Moreland Avenue meets Euclid Avenue, Little Five Points has shops, restaurants, bars, and clubs, all within a short walking distance. There are a lot of interesting shops, carrying everything from vintage clothing to vinyl to eclectic trinkets. The Porter is also a grad student favorite. Little Five Points is one of the most distinctive parts of Atlanta and is worth checking out. Check out their Halloween festivities!

West Midtown

Located west of GT is West Midtown (yes, it should be easy to remember). Ormsby's is a great bar, Rreal Tacos is a good place for margaritas, West Egg has an above-average brunch, and Yeah! Burger is excited about their burgers. For Asian food, Pijiu Belly can also be a good option. The Howell Mill Square area is filled with exciting things to do, including: PuttShack (an indoor mini golf place plus bar), Velvet Taco, The Painted Duck (indoor mini games and bowling), and more. Five Daughters Bakery has **delicious** 100-layer donuts. A little further North, Ginya Izakaya has great ramen and shareables and Monday Night Brewing is an Atlanta craft beer staple.



Our neighbor across the 75/85 highway provides close access (you can take the trolley to the Marta station) to a great selection of hip restaurants and bars. This area tends to be flashier than the Highlands but is not quite at Buckhead's level (see below). The most 'touristy' things to do here would be to check out the famous Georgia Aquarium and World of Coca-Cola. You might want to wait till Georgia Tech's Georgia Aquarium night though, since we book out the whole aquarium and sell tickets at a cheaper price. Although Midtown has its share of skyscrapers and the famed Fox Theater, it also contains charming residential areas. The gem of midtown is Piedmont Park, which is east of Piedmont Road and north of 10th Street. During the day, there are plenty of people running, laying out, or just going for a walk. If you've got a pup, there is a large dog park here you might want to check out. Also, Midtown is home to Atlanta's art scene, with sites such as the High Museum of Art, Woodruff Arts Center, Center for Puppetry Arts, and Atlanta Symphony Orchestra. You can often find graduate students at Cypress, a local bar with great deals.



For many years, Buckhead was the entertainment hub in Atlanta. Buckhead is a mix of dance clubs, nice bars, and ritzy folks. While the nightlife focus has shifted to Midtown and Highlands, there are still some good bars and clubs here that might offer a break from the normal weekend routine. If you are looking to relive your undergrad days, try Moondogs, Hole in the Wall, or Peachtree Tavern. Fado's is a great Irish Pub where you can get a plate of eggs and a drink for those stressful mornings (there is also a Fado's in Midtown). The weekends can get packed, but that just means you can meet that many more 'interesting' people, right? Be prepared to shell out \$20 either to Uber or to park your own vehicle there.

Decatur

Decatur is a quaint break from the hustle and bustle of Atlanta's urban sprawl. There are some amazing bars and restaurants here if you are willing to break out of your Atlanta shell. Butter & Cream is consistently voted as one of the top ice cream shops in the Atlanta area. Additionally, the Dekalb Farmers Market is one of the most fun places to grocery shop.

Buford Highway

If you are willing to drive 20 minutes northwest of campus, the cultural mecca of Buford is a must-visit. Food from every continent can be found here, and there's a lot of cultural diversity in terms of markets, restaurants, and activities. If you're willing to drive further Northeast, there are even more options in Duluth. A fun Lunar New Year festival is hosted in the small Chinatown every year. Buford Highway Farmers Market (although not a real



outdoor farmers market) is an enormous indoor supermarket where you can find literally anything you need to cook international foods at home (like DeKalb Farmers Market near Decatur but easier to navigate and more categorized). Some grad student favorites include Chong Qing Hot Pot, Sokongdong, Bobo's Garden, Pho Dai Lo #2, Tea Top, Great Wall Supermarket, and many others!

🍹 Other Notables

For those culturally minded students, the High Museum of Art and the Archaeological Museum at Emory University are nice places to browse. The Carter Center, the Civil Rights Museum, and the Martin Luther King Center offer insights into more recent history in the United States and in Georgia. Concerts and plays occur next door to the High Museum in the Woodruff Arts Center. The Atlanta Symphony and Atlanta Ballet give regular performances throughout the year. Sci-Trek on Piedmont and the Fernbank Science Museum on Ponce de Leon Avenue are also interesting.

For the not-quite-so-avid or fair-weather sports fan, Atlanta is a good place to be. Some Atlanta professional teams will probably play your favorite team from home sometime during the year - many fans living in Atlanta go to games to support their "home" team. The Braves opened Truist Field, their new baseball stadium, in 2017 and you can try to find some cheap tickets depending on the game.



Mercedes-Benz stadium also opened in 2017 and is home to the Atlanta Falcons (NFL) and

Atlanta United FC (MLS Soccer). The latter is a famous professional soccer team that debuted in 2017 which played its first games to sold-out crowds at Bobby Dodd Stadium on GT's campus before moving to the new stadium. It has a very strong fanbase in Atlanta and the team has won the 2018 MLS Cup in addition to the 2019 U.S. Open Cup. Register for a college pass through the Mercedes-Benz stadium to be notified when unsold seats are heavily discounted for home NFL and MLS games.

ATLANTA

Atlanta also has an NBA team, the Atlanta Hawks, who play in State Farm Arena; even if they don't perform very well, they often have cheap tickets when your favorite team comes to town. That said, the Hawks have fared particularly well during the 2020-21 season as they clinched their first Southeast Division title since 2014-15 while also making it to the Eastern Conference finals. They made the playoffs last season as well.

Finally, Georgia has several beautiful hiking trails. Some fun ones are Stone Mountain, East and West Palisades trail, and Blood Mountain. The East Palisades trail leads to a bamboo forest, which is extremely picturesque. The best time to go hiking would be in Fall and Spring, when it's not too hot or too cold.

💡 Places to Throw Away Money

Lenox Square is located about 20 minutes north on Peachtree past Piedmont (on MARTA's north-line) or take exit 1 off GA 400. And right across the street is Phipps Plaza, the home of exclusive stores such as Nordstrom, Saks Fifth Avenue, and Tiffany's. If you want a diamond ring or mink stole attwice the normal cost, go here. Like Little Five Points, all types of people come to these places. You can see all AND buy all here. Of course, there are the typical suburban malls scattered all around Atlanta: Cumberland, Perimeter, North Point, Northlake, Southlake, Gwinnett, etc. Just pick a direction and if you drive far enough, you'll run into one. There are also many outlet malls within about an hour's drive that offer some sweet discounts and make for nice campus getaways when you no longer feel like studying or spending time in the lab.

ATLANTA

INTERNATIONAL STUDENTS



Disclaimer: The process for a US Visa may change. The accuracy of sections below is not guaranteed. Please research online or contact the Office of International Education (OIE) for most current information.

After your acceptance into the School of Chemical and Biomolecular Engineering, you will need to apply for a US Visa (Student) and plan your travel to the United States accordingly.

After your department adds your details to the OIE, you are supposed to receive your electronic I-20 from them. Stay in touch with the department and the OIE to get an update on the status of your form (http://oie.gatech.edu/). Also, bear in mind that the time from May-August is very hectic for OIE with new students. Be patient and consult the school's graduate studies office in case of inordinate delays. After you receive your I-20 form, please verify all details on the form, including the spelling of your name! This form is the basis for the entire application process and comes in handy in the process of applying for certain official documents while you are living in the USA. For any additional questions or concerns feel free to visit their website (https://oie.gatech.edu/). You can use their drop-in advising and virtual appointment-based sessions to further clarify any specific issues. After receiving your I20, you will need to complete a DS-160 form online (https://ceac.state.gov/genniv/). You will also need to pay the required SEVIS Fee, known as an I-901 form (https://www.fmjfee.com/). You are now set to apply for a US Visa!

A F-1 student visa application process may vary depending on the U.S. embassy or consulate you are dealing with. You will be required to pay a non-refundable visa application fee. For the latest on the Visa process please refer to <u>https://travel.state.gov/content/travel.html</u>

Wait times for interview appointments vary by location, season, and other local factors and so, you should apply for your visa early. An F-1 student visa for the USA can be issued up to 120 days in advance of your course of study start date (as written on the I-20 form) so as soon as you are ready with all the documents, don't hesitate to apply.

Required documentation includes:

- 1. A valid passport (at least 6 months from expiration)
- 2. Confirmation page of online DS-160 form (2 copies)
- 3. SEVIS Fee Receipt or I-901 form (2 copies)
- 4. Interview appointment letter (2 copies)
- 5. Original form I-20
- 6. Additional documents for F-1 eligibility for example: transcripts, degrees, test scores, proof of financial stability, etc.

Note: This is not a complete list. Other documentation may be needed depending on local requirements.

Keep in mind that visa issuance is not guaranteed. You should not make final travel plans until you have your visa approved. Remember that you will only be able to enter the USA with an F-1 visa 30 days before your course start date (again I-20 form!), so plan accordingly. As an additional

note: historically, the department has been very understanding of visa issues and can aid



accordingly. Please don't hesitate to contact the department if you have any issues or if your arrival is delayed and you cannot reach here in the first week of classes.

🐓 On-Arrival formalities

Once you arrive at Georgia Tech you will be required to complete an International Student Checkin organized by the OIE to ensure that all your paperwork is set! Also, download your latest I-94 from the official website of US Customs and Broder Protection (<u>https://i94.cbp.dhs.gov</u>). Check your email DAILY and keep up with the steps suggested by OIE. In the first weeks of class, they have walk-in hours in case you have any additional questions you'd like to deal with in person. You must also attend one of the MANDATORY meetings scheduled in the first week of classes. Failing to attend may cause you to be dropped from your classes. You will also have to personally visit the HR office for your document verification. You can check the status of your registration and updated employment records via OneUSG Connect portal (<u>https://oneusgconnect.usg.edu/)</u>. **Note:** Remember to register for your classes through OSCAR registration portal. Sometimes these classes tend to fill up to their entire capacity before the registration deadline and hence, try to register as soon as possible.

Paying your fees

You need to pay your fees on a term-to-term basis. You can either pay the lumpsum amount once every term or you can opt for GTA/GRA payroll deduction (via OSCAR). If you enroll for payroll deduction, the entire term fee is paid in three consecutive monthly installments from your payroll. Remember to renew the GTA/GRA payroll deduction for every term.

Note: If you are unable to complete your registration and the entire check-in process before fee payment deadline, due to any circumstances, also financially prepare yourself to make the entire payment for that term. GTA/GRA payroll deduction can be opted for only after your records have been updated.

🔮 Getting your SSN

Once you are done with the institute formalities, you can start your application process for getting a SSN. For any international F1 student (working off-campus/on-campus), it is mandatory to get a SSN as it will eventually be required while filing your taxes. You can visit <u>istart.gatech.edu</u> to request OIE to set up an appointment at the nearest possible SSA office. In the early months of the semester, it is common to get an appointment 20-30 days after your request submission. Meanwhile, if you are a GRA/GTA, get an employment letter from the department. Also, if you are working within the campus, request an on-campus employment letter from the OIE. It can be either collected in-person or you can ask them to mail it to your preferred address. Generally, this letter is sent directly to the SSA office before your appointment date. Thus, you need to carry the following documents to the SSA office:

- 1. A valid passport (at least 6 months from expiration)
- 2. Original form I-20
- 3. Employment letter from the department (GTA/GRA)
- 4. OIE on-campus Employment letter (if not directly sent by the OIE)

Note: Ensure that your name is correct in your SSN form and that you have provided the correct mailing address! After your appointment, it takes approximately two weeks to receive the physical copy of your SSN at your address. If not received, get in touch with the designated SSA office.





Every year, the last day to file for taxes mostly varies around the month of April-May and you get around 3 months to file for the same. Also, you need to file separately for federal and state tax. During this period, keep an eye for a physical copy of your W2 mailed to your address. Alternatively, if not received, you can also access it via OneUSG Connect. Sprintax (<u>https://www.sprintax.com/</u>) is a common platform used by non-resident aliens for filing their taxes. You can fill out a sprintax access request form on the istart to get an access code via email. This code can be used for a one-time discount on the tax filing charges (mainly federal). Meanwhile, create an account on sprintax and fill in your personal details. You would be required to upload a copy of your W2. At the end of this process, you will be generating two individual federal and state tax return forms. For non-resident aliens, signed hard copies of these forms need to be mailed (posted) at their respective addresses (mentioned in the form) along with a copy of W2. You can check the status of your refund on the IRS webpage (<u>https://www.irs.gov/refunds</u>) or IRS2Go app. Typically, it takes around 20-30 days to get your refund.

Note: Please check for additional required documents in case of any other source of income (investments) or any other claims such as student loan interest.

😼 Driver's License

Non-US citizens with a valid foreign driver's license are allowed to drive in the state of Georgia for tourism or business purposes. If you choose to drive with a license issued by a foreign country, a law officer may ask for your passport or visa to verify the license is valid. If a non-US citizen establishes residency in Georgia, he or she must obtain a Georgia driver's license within thirty (30) days. A non-US citizen would be considered a resident of Georgia if he or she meets any of the following criteria:

- If a person accepts employment or engages in trade in Georgia, and enrolls his or her children in a private or public school within ten days after the commencement of employment, or
- If a person has been present in the state for 30 or more days

To obtain a Georgia driver's license a customer must be able to:

- Pass a Vision Exam
- Pass a Knowledge Exam knowledge of our traffic laws including road signs
- Pass a Road Test a driving skills test

"There are many international students in our department, and We can guarantee that someone has already faced the issue that you might be facing, so feel free to ask for our help!"

Your Class

Name	Banner Program	Email	School 1 Institution
Aliu, Aderinsola Paul	DR-CHE	aderinsolaaliu8@gmail.com	University of Lagos
AlSumail, Faisal Nasser	MSCHE	alsumail95@gmail.com	King Fahd Univ-Petro & Miner
Andraos, Ralph	MSCHE	randraos3@gatech.edu	Georgia Institute of Technology
Badarinath, Nithya	DR-BIOE-CHE	nbadari1@jhu.edu	Johns Hopkins University
Balogun, MaryAgnes	MSCHE	maryagnesbalogun1@gmail.com	Morgan State University
Barraza Vergara, Luisa		, , , , , , , , , , , , , , , , , , , ,	
Fernanda	DR-CHE	luisa.barraza@upr.edu	University of Puerto Rico: Mayaguez
Chang, Hung Yu (Andy)	DR-CHE	hongyu188@hotmail.com	Imperial College Of London
Chen, Haoyu	DR-CHE	haoyuc4@illinois.edu	University of Illinois at Urbana-Champaign
Chintam, Someet			
Mahendra	MSCHE	someetchintam@gmail.com	University of Mumbai (Bombay)
De, Anomitra	DR-CHE	de6@illinois.edu	University of Illinois at Urbana-Champaign
Deore, Ayush Satish	DR-CHE	ayushdeore1@gmail.com	Institute of Chemical Technology (ICT)
Ewis, Dina	DR-CHE	dina-ewis@outlook.com	Qatar University
Fardis, Dimitrios	DR-CHE	dimfardis@gmail.com	Aristotelian Univ-Thessaloniki
Freer, William Henry			
(Henry)	DR-CHE	wfreer3@gatech.edu	Georgia Institute of Technology
Ganapavarapu, Sai			
Tarun	DR-CHE	tarununiv@gmail.com	Indian Institute of Technology - Madras
Gerber, Hazel Johnson	DR-CHE	hjgerber01@gmail.com	Case Western Reserve University
Hepstall, Aubrey			University of Courth Courting
Madelleine	DR-CHE	hepstall@email.sc.edu	University of South Carolina
Hewes, Jacob Dugan	DR-BIOE-CHE	jdhewes@udel.edu	University of Delaware
Hopping, Geoffrey Matthew	DR-CHE	ghopping@purdue.edu	Purdue University
Hosseini, Danial	DR-BIOE-CHE	hosseini.danial98@gmail.com	Sharif University of Tech
Hsieh, Cheng-Tien	DK-DIOE-CHE	nossenn.damaise@gman.com	
(Adam)	DR-CHE	sdaakefe5829@gmail.com	Columbia University
Hudgins-Miles, Andrea			
Cymone	MSCHE	andreamiles2000@gmail.com	Xavier University of Louisiana
Isayev, Javid	MSCHE	javid.isayev.2000@gmail.com	Baku Higher Oil School
Khorsandzadeh, Sahba	MSCHE	skhorsandzadeh@gmail.com	Georgia Institute of Technology
Kim, Yeongjun	DR-CHE	zunkim3@snu.ac.kr	Seoul National University
Krishnan (K), Achyuta	MSCHE	achyutakrishnan44@gmail.com	SRM University
Kumar, Shiv	DR-CHE	me.shiv298@gmail.com	Indian Institute of Science
Kuzmichev, Nikita	MSCHE	nkuzmichev2020@my.fit.edu	Florida Institute of Technology
Lietar, Simon Gilbert			
Camille	DR-BIOE-CHE	sim.lietar@gmail.com	Federal Inst of Tech-Lausanne
Lim, Ji Eun	DR-CHE	limje@gatech.edu	Georgia Institute of Technology
Loo, Rachel	DR-CHE	loo.rachel.d@gmail.com	Northeastern University
Maharjan, Nischal	DR-CHE	nischalmaharjan19@gmail.com	King Abdullah University of Science and Technology (KAUST)

Mohamed, Ahmed	DR-CHE	mathnabeeh@gmail.com	Texas A&M University at Qatar
Moore, Evan	DR-CHE	ebm687@gmail.com	Massachusetts Institute of Technology
Munukutla, Shruthi	MSCHE	shruthimunukutla22@gmail.com	BMS Coll of Engineering (BMSCE)
Nam, Kijeong	DR-CHE	gjnam100@gmail.com	University of Virginia
Nayeem, Jannatun	DR-CHE	jnrumee@gmail.com	University of Dhaka
Nguyen, Van Son	DR-CHE	vansonnguyen612@hotmail.com	Technical Univ of Munchen
Nlerum, Anne Ngozi	MSCHE	annenlerum@gmail.com	University of Lagos
Panicker, Isabel			
Abraham	DR-CHE	isabelpanicker@gmail.com	Purdue University
Pepple, Cyril			
Christopher	DR-CHE	cyril.pepple@gmail.com	Imperial College of London
Raman, Nisha	DR-CHE	nraman@udel.edu	University of Delaware
Renfroe, Steven Emad			
(Emad)	DR-CHE	borninamman@gmail.com	University of Missouri
Sarbacker, Eric	DR-CHE	sarbacker@psu.edu	Pennsylvania State University
Schlosser, Steven	DR-CHE	sschlosser3@gatech.edu	Georgia Institute of Technology
Senko, Adam	DR-CHE	ajsenko5@gmail.com	Tufts University
Seok, Jiho	DR-BIOE-CHE	x3nosism@gmail.com	Korea University
Sheikh, Ahmed Affan	MSCHE	aasheikh2@gmail.com	Middle East Techl University
Shrikhande,		savyasachi.shrikhande@postgrad.	
Savyasachi	DR-CHE	manchester.ac.uk	University of Manchester
		tahmidmohammedche@gmail.co	
Tahmid, Mohammed	DR-CHE	m	Bangladesh Univ-Engr & Tech
Tous Granados (Tous			
Granados), Alberto			
Mario	DR-CHE	alberto.tous@upr.edu	University of Puerto Rico: Mayaguez
Trinh, Phuong Anh			
(Anh)	DR-CHE	trinhan2@msu.edu	Michigan State University
Vadlamudi, Dharani Prasad	DR-CHE	nrasaddharani dn@gmail.com	Cornell University
Plasau		prasaddharani.dp@gmail.com	Virginia Polytechnic Institute and State
van Westrenen, Jouke	DR-CHE	jvanwestrenen@vt.edu	University
Vora, Soor	DR-CHE	soorv81@gmail.com	Massachusetts Institute of Technology
Wee, Alex	DR-BIOE-CHE	19alexwee@gmail.com	Pennsylvania State University
Weinstein, Abraham			
(Abe)	DR-CHE	alweinst@ncsu.edu	North Carolina State University
Witdorchic, David	DR-CHE	david.witdorchic@gmail.com	SUNY - Stony Brook
Xu, Xintong	DR-CHE	2842661738@qq.com	Zhejiang University
Yang, Jingzhi	DR-CHE	jyang10@tulane.edu	Tulane University
Yu, Jin	DR-CHE	0604jinyu@gmail.com	University of California - Berkeley
Yu, Wanqing (Quinn)	DR-CHE	wyu16@u.rochester.edu	University of Rochester
Ziegelski, Morgan		wyarowa.iocilester.edu	
Ciastko	MSCHE	mcziegelski@gatech.edu	Georgia Institute of Technology
	IN SCITE	nieziegeisiae gateenieuu	Seerbla institute of reelihology