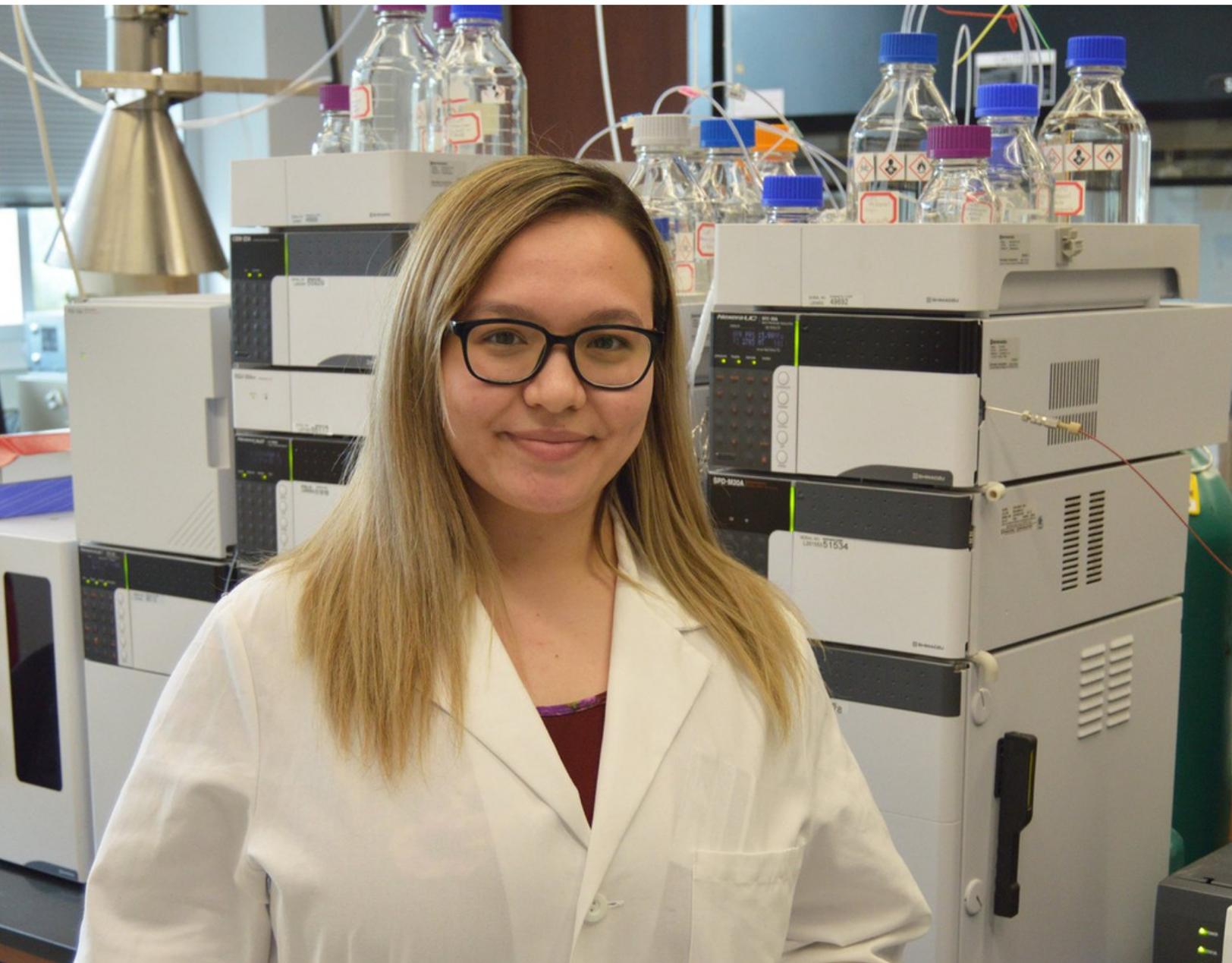


THE NEW MAVERICK

Science Guide



Roadmap to the College of Science

Everything you need to be successful your first year in the College of Science

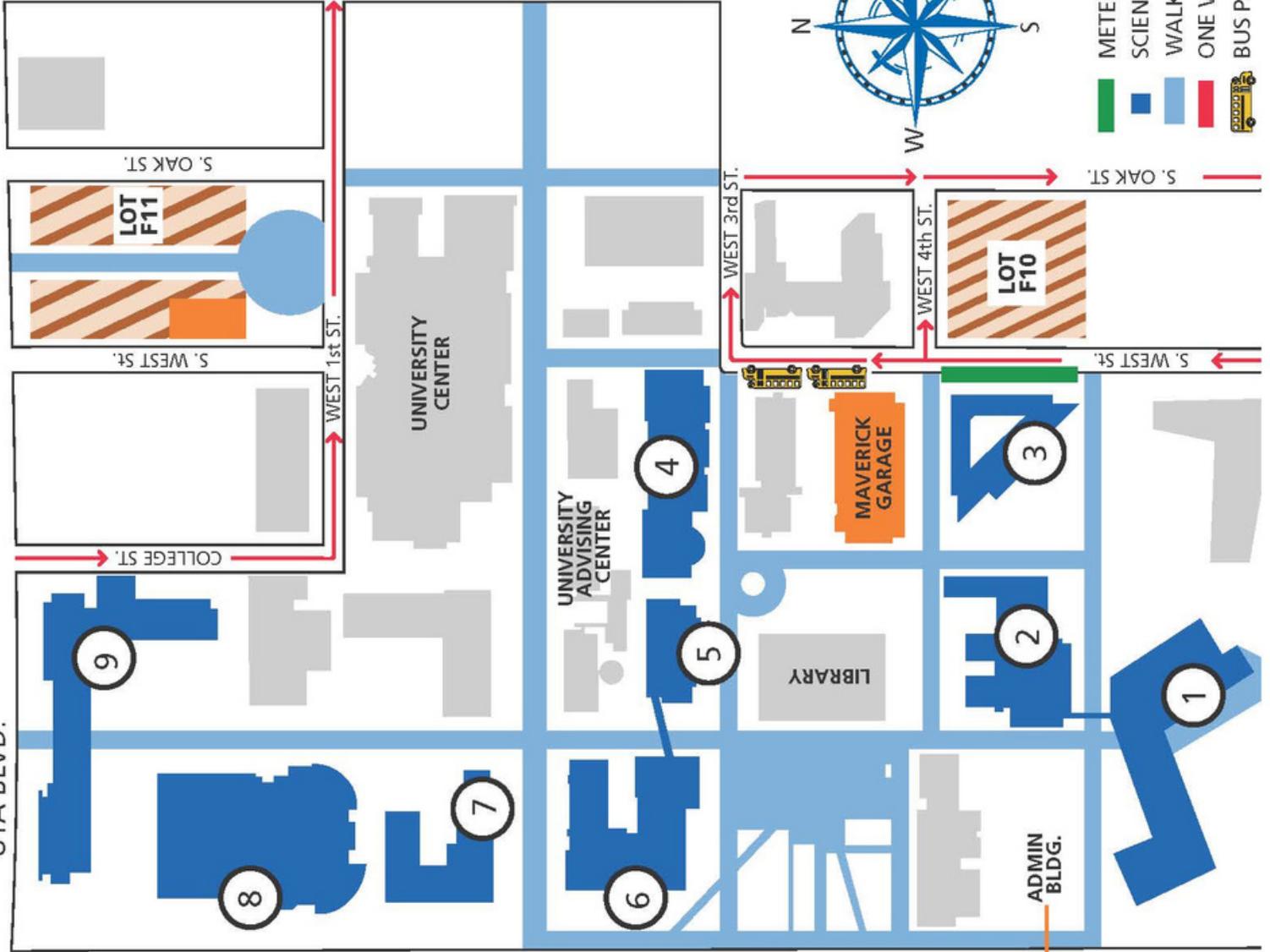
SUMMER 2023

UTA BLVD.

COOPER ST.

COOPER ST.

SPANIOLA DR.



- METERED PARKING
- SCIENCE BUILDING
- WALK WAY
- ONE WAY STREET
- BUS PARKING

Building Information

1 SEIR BLDG.

Various COS Lectures, Faculty Offices, Research Labs

2 LIFE SCIENCES

Dean's Office: 206
Psych. Dept.: 313
Psych. Adv.: 320 & 321
Bio. Dept.: 337
Bio Adv.: 345 - 349

Sci. Edu. & Career Ct.: 106
Health Prof. Adv.: 107A
Transfer Succ. Adv.: 107B
Enroll. Mgmt & Rec.: 107C

3 PICKARD HALL

Math Lectures
Math Dept.: 478
Math Adv.: 489

4 CHEM & PHYS

Chemistry Dept.: 130
All Chemistry Labs
Planetarium

5 CHEM RESEARCH

Chemistry Lectures

6 SCIENCE HALL

Phys. Lectures & Labs
Phys. Dept.: 108
Phys. Adv.: 107-E

UTeach Adv.: 224-E
Chemistry Lectures
Chemistry Adv.: 303

7 GEOSCIENCE

Earth & Env. Sci. Dept.: 107
EES Adv.: 107-E

8 NEDDERMAN HALL

Science/Engr. Library.: Basement

9 ENG RESEARCH BLDG.

Various COS Lectures, Faculty Offices, Research Labs

FREE SCIENCE CLINICS & TUTORING*

***PLEASE CHECK WITH YOUR
ACADEMIC DEPARTMENT FOR
MOST CURRENT HOURS OF
OPERATION ***

"Whether your goal is to catch up, keep up, or do better in your studies, we are here to help assist!"

Science Learning Center (SLC)- Life Science Building Rm 106

The Science Education and Career Center (SECC) is a resource designed to support student learning and course work in science & math through self-study modules and a variety of study aids. The SECC is a great place for group study or quiet independent study in room 103. In collaboration with College of Science faculty, the SECC offers a full spectrum of resources and study aids such as:

- study guides
- sample exams and answer keys
- supplemental readings
- instructor's notes
- scientific & anatomic models
- Thinkwell computer based textbooks with streaming lectures for the following courses:

BIOL 1441,1442 CHEM 1441-1442 PHYS 1441
MATH 1302, 1303 1421, 1426

SFall 2023 Hours

Mon- Thurs 9:00 am - 8:00 pm
Fri 9:00 am - 5:00 pm
Sat 12:00 am - 5:00 pm

COS Quiet Study Lounge- Life Science Building Rm 104

If you study best in a quiet environment, please feel free to drop by the Quiet Study lounge for undisruptive study.

Chemistry Clinic

Science Hall 318

Mon- Thurs 12:00 pm - 6:00 pm
Fri 12:00 pm - 4:00 pm

Mathematics Clinic

<https://www.uta.edu/math/LRC>

Pickard Hall 335

Mon- Thurs 8:00 am - 9:00 pm
Fri 8:00 am - 12:00 pm
Sat 1:00 pm - 6:00 pm
Sun 1:00 pm - 7:00 pm

Physics Clinic

Science Hall 007 and virtual

Times vary-visit <https://www.uta.edu/academics/schools-colleges/science/departments/physics/advising/physics-help-clinic>

Biology Clinic

We provide tutoring for selected biology courses and provide individual and group tutoring each semester for General Microbiology (BIOL 3444), Genetics (BIOL3315) as well as other courses as requested. Please contact the department office at 817-272-2872 for course tutoring information.



7 THINGS I SHOULD HAVE DONE MY FIRST YEAR AT UTA



▼ Attend office hours

I know it can be scary approaching your professor and asking questions, but they are people just like you and I. They want to see you succeed!

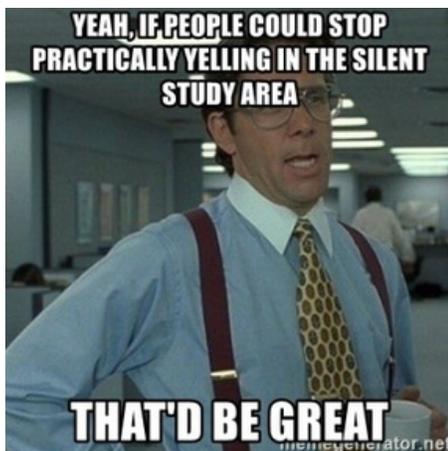
The obvious reason to go to office hours is so you can get more help with the lecture material. The BIGGER picture that students often forget about is that this is the perfect time to start building that professional relationship in hopes to get a recommendation letter later down the line.

Also, when you visit your professor it's a great opportunity to discuss your areas of interest and have the potential to join his/her lab.

▼ Find my perfect study space

Knowing which environments work for how you study will be a game changer to your success, if you like absolute silence try studying on the upper levels of the central library or reserving a study room.

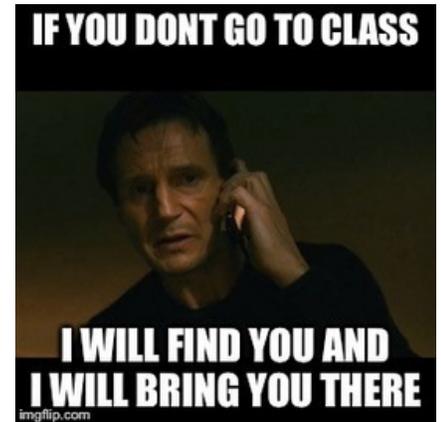
If you study best in places where there is background noise, the 2nd and 3rd floor of the central library may be your spot. The central library is only one of the many study areas UTA has, explore the campus and look for an area that works best for you.



▼ Go to class

This may sound like a no brainer but believe me, it's not! You walk into your first college class and the professor says, " Attendance is not required." - Don't let this fool you!

Attending class will help you make the most of your time, make sure when you go to class sit in the front, participate, and actively ask questions. If you miss a class no need to email the professor, have a friend who can share any important information with you that you may have missed from class.



▼ Manage my time

Learning how to manage your time is a skill that you will have to practice and perfect. My best advice is to make a study schedule every week of what you aim to accomplish each day and be disciplined enough to stick with it. You never want to put yourself in a position where you are starting to study the night before the exam.

An easy way to keep up with lecture material is spend at least 15 minutes reviewing your notes at the end of the day for each class. As important as it is to make time to study, it's just as crucial to fit in time for yourself to unwind and take a mental break.

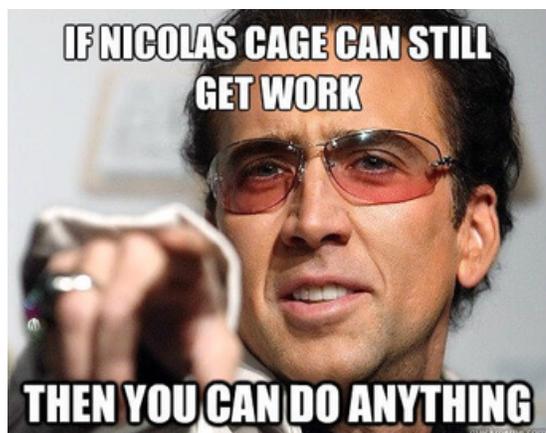
Me trying to cram 2 weeks worth of studying into one night because I have the time management skills of a potato



As I am approaching my senior year at UTA, I'd like to reflect on my past semesters and give you some advice to help you along the way.

▼ Stop comparing myself to others

Comparing myself to my peers was the BIGGEST MISTAKE I made. If there is one thing I want you to remember throughout your undergraduate years is someone's success is not your failure and your success is not their failure. It is very easy to get wrapped up in what other people are doing and start looking down on yourself, don't do it! You are on your own path, with your own goals. If you work hard, stay focused, and are passionate about our goals, you will find success. Just remember that no matter how hard it is, how long it takes, how many times you fail, you WILL achieve your goals!

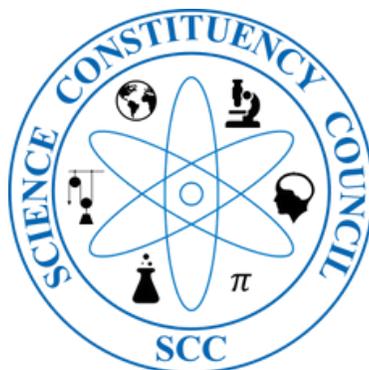


▼ Get Involved

Student organizations can serve a lot of different purposes from networking, volunteering, to being the time you relax and mingle with your peers. The most important aspect of student organizations is putting yourself in a position where you will be able to have a leadership role. The most active and dedicated members become the best executive board members.

That being said, don't go wild and join five organizations your first semester. Try to limit yourself to one social and one academic organization.

The Science Constituency Council is a great place to start as it is the intermediate body between the students and faculty within the COS. Find us on <https://mavorgs.campuslabs.com/engage/events> or follow us on Instagram at **UTA.SCC!**



▼ Ask for help



UTA offers so many resources to help you succeed in your classes that I never took advantage of. The college of science offers free tutorial clinics for math, physics, and chemistry to all students. Various courses also have Supplemental Instruction (SI) which are study sessions led by a student who has previously

taken the class. In addition to attending tutorials, visiting your academic advisors at least once semester can be very beneficial. This will allow you to keep track of your degree plan and consult on major decisions (change of major, dropping a class).

My name is Rushikesh (Roosh) Patil. I am currently a senior pursuing a physics degree, in hopes of going to graduate school in space and solar physics, the area of physics. I have participated in undergraduate research since my freshman year with Dr. Ramon Lopez. I am a part of the SCC (Science Constituency Council) and I hope to see you all at the general body meetings!

I have really enjoyed my time in the COS at UTA and it's bittersweet that I only have two more semesters left. I have grown as a student, leader, and overall person throughout the years and I have no doubt that UTA will serve you the same benefits.

If you ever see me on campus please don't hesitate to come say hi, you are all now my fellow MAVERICKS and I would like to help you as much as I can. Lastly, welcome to UTA and MAV UP!





UNDERGRADUATE RESEARCH

What is Research?

- Forming an answerable question we don't know the answer to
- Designing a plan to answer this question
- Analyze what you see
- Contributing original knowledge
- Dissemination of that knowledge

Why should I do Research?

- Broaden your knowledge base
- Exposure to industry leading scientific equipment
- Preparation for graduate school
- Travel opportunities
- Collaboration opportunities outside of UTA
- One-on-one mentoring with faculty
- Build your resume
- Potential to become published in scientific journals

What Research Opportunities are available to me?

- Opportunities to work with cutting edge instrumentation in our Shimadzu Institute for Research Technologies Labs throughout campus
- Fall and Spring lab experiences
- Summer research experiences
- Potential scholarship and travel research funds
- Workshops, seminars, and visiting researchers
- Present your work at The Annual Student Research Symposium "DISCOVER"



[UTA.EDU/RESEARCH/OPPORTUNITIES/UNDERGRADUATE-RESEARCH](https://uta.edu/research/opportunities/undergraduate-research)



DATA SCIENCE

About the Program

You'll learn the software and the skills necessary today, but also the foundations to grow and evolve in the quickly changing industry.

UTA Data Scientist are empowered to do better research and become better scientist in their chosen area of interest.



Data Science Benefits

- More effective in research
- Tackle real-world problems from a variety of angles and perspectives
- Earn high demand job skills
- Intern at top companies withing DFW:
 - IBM
 - Mary Kay
 - PepsiCo
 - Sabre
 - Ericsson
 - Celanese

Program Options

- BS Degree
Data Science+ Science Focus
- Minor in Data Science

UTA.EDU/ACADEMICS/SCHOOLS-COLLEGES/SCIENCE/DEPARTMENTS/DATA-SCIENCE



UTEACH

About the Program

- 7 courses built into a degree, similar to a minor
- Clinical teaching experience in final semester
- Options:
 - Biology BA
 - Biology BS
 - Chemistry BA
 - Geology BA
 - Mathematics BS
 - Physics BS
- Offered at 50 universities nationwide
- Job guarantee; schools seek out UTeach Grads

About the Step 1 Course SCIE 1201

- Explore STEM education in a weekly class
- Learn Teaching strategies from Master Teachers
- Get real life experience in a local school
- Observe two lessons by a mentor teacher
- Design and teach three lessons of your own

Perks!

- Tuition Free when added to a full load of courses
- No textbooks, essays, or exams
- Fulfill 2 credit hours of electives
- Grade largely participation based

For more information contact:
UTeach Advisor: Dr. Erin Philp
ephilp@uta.edu



UTA.EDU/COS/UTEACH

UTA HEALTH PROFESSIONS

Health Professions Services

- Advising
- Peer Mentors & JAMP Abassadors
- Resources to improve pre-professional readiness and competitiveness
- and many more!



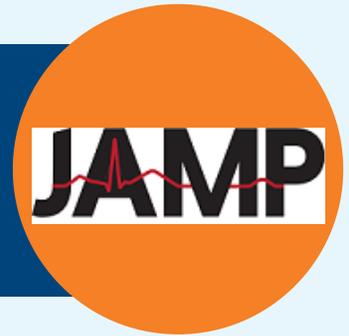
Pre-Health Interest Form

Use the QR Code to the right to sign up for the UTA Health Professions email listserv. This is the best way to get the latest information and news for pre-health students.



Joint Admissions Medical Program (JAMP)

- Pathway to medical school for highly qualified economically challenged students
- For college freshmen and early sophomores
- See if you qualify today!



Pre-Medical Preceptorship Program

- This program ties shadowing opportunities with an academic credited course
- Collaboration with Arlington Memorial Hospital and local practitioners
- A great way to prepare yourself before applying to medical school

Pre-Health Student Organizations

UTA has many pre-health student organizations that can assist you on your path. Joining one of these organizations can provide valuable insight and resources for any pre-health student. Visit mavorgs.uta.edu for more information



Have Questions?

Got questions about pre-health? Not sure what questions to ask? Visit our UTA Health Professions FAQ page for answers.



UNDERGRADUATE ACADEMIC ADVISORS & SUPPORT STAFF

The COS offers academic advising through each academic department for all student with more than 30 credit hours. The University Advising Center offers advising to our freshmen students and transfer students with less than 30 credit hours.



UNIVERSITY ADVISING CENTER (UAC)

All UAC advisors are located in Ransom Hall

RJ Banaga

(1st-year students w/last names A-L)
ramonjose.banaga@uta.edu



Jordin Weinberg

(1st-year students with last names M-Z)
jordin.weinberg@uta.edu



Schedule a UAC advising appointment:
<https://www.uta.edu/student-success/meet-with-your-uac-advisor>

BIOLOGY

Andrew Gardner

(students with last name A-E)
andrew.gardner@uta.edu
817-272-2408
LS 346

Alejandro Hidalgo Moreno

(students with last name F-L)
alejandro.hidalgomoreno@uta.edu
817-272-2408
LS 347

Ellen Long

(students with last name M-Q)
ellen.long@uta.edu
817-272-2408
LS 349

Anna Niemeyer

(students with last name R-Z)
anna.niemeyer@uta.edu
817-272-2408
LS 345-C

CHEMISTRY & BIOCHEMISTRY

Laura Wolf

laura_wolf@uta.edu
817-272-9687
SH 303

EARTH AND ENVIRONMENTAL SCIENCES

Kaycee Nikses

(mornings)
kaycee.nikses@uta.edu
GS 107-E

MATHEMATICS/ DATA SCIENCE

Philip J. Bukowski

math.advising@uta.edu
data.advising@uta.edu
817-272-3261
PKH 478

PHYSICS

Kaycee Nikses

(afternoons)
kaycee.nikses@uta.edu
SH 107-E

PSYCHOLOGY

Betsy Parchem

(students with last name L-Z)
parchem@uta.edu
817-272-0858
LS 320

Marta Galvan

(students with last name A-K)
mgalvan@uta.edu
817-272-5129
LS 321

UTEACH

Dr. Erin Philp

ephilp@uta.edu
817-272-0796
SH 224-E

HEALTH PROFESSIONS

Sandy Hobart

sandy.hobart@uta.edu
817-272-1682
LS 107-A
uta.edu/pre-health

Haylei Dishinger

haylei.dishinger@uta.edu
817-272-3292
LS 107-F
uta.edu/pre-health

TRANSFER STUDENT SUCCESS ADVISOR

Roxanna Latifi

roxanna.latifi@uta.edu
817-272-3546
LS 107-B

ENROLLMENT MANAGEMENT & RECRUITMENT

Valerie Martinez

valeriem@uta.edu
817-272-9692
LS 107-C

NEED TO SCHEDULE AN ADVISING APPOINTMENT?

Please visit your departmental website to book an advising appointment or scan the QR code. If you need assistance, please contact Valerie Martinez or Roxanna Latifi.



DUAL CREDIT HOURS?

For information regarding transferring credit and transfer equivalencies, please visit:
uta.edu/admissions/apply/transfer/transfer-guides

You may also contact our academic advisors in the College of Science

