



Georgia Tech

Academic Advisors Network

GTAAN Bi-Weekly | November 21st, 2024

Happy Thanksgiving! Good Luck with Phase I Registration!

- **GT at NACADA Pittsburgh! NEW!**
 - **GTAAN Updates**
 - **Meet your Executive Board!**
 - **Newsletter Submission Guidelines**
 - **Advisor and Advising Resources**
 - **Industrial Design Minor Onboarding Process - NEW!**
 - **ISyE Change of Major Process - NEW!**
 - **GTAAN Meetings and Connections Dates**
 - **Spring 2025 Dates - Coming Soon**
 - **Upcoming Events & Deadlines**
 - **Holiday Party - Wednesday, December 11th @ Coda NEW!**
 - **Grad School Application Writing Session - NEW!**
 - **College & Departmental Updates**
 - **School of Psychology Special Interest Courses Spring 2025 - NEW!**
 - **City Planning Courses Spring 2025 - NEW!**
 - **New Science and Religion Class for Spring 2025**
 - **ISyE Summer Scholars Program**
 - **New Global Engagement Certificate**
 - **Undergraduate Research Resources**
 - **Job Openings**
 - **Education Abroad Advisor Job ID 278211 - NEW!**
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GT Advisors at NACADA 2024

Georgia Tech had a great time at NACADA Pittsburgh 2024! Please join us at NACADA Region Four Conference in Jacksonville, Florida from April 2-4, 2025



Pictured above: Front Row (L to R)- Sudie Davis - ISYE/Georgia Region 4 Liaison, Kaitlyn Gray - COE, Adrienne Hillman - CHBE, Barbara Howard - ECE; Back Row (L to R)- Thomas Beckwith - Univ. of FL/Incoming Region 4 Chair, Nicole Leonard - UAT/Acad. Coaching Advising Comm. Chair, Devoni Williams - UAT, Angela Elleby - ECE, Emmie Cass - UAT, Ellen Riley - CHBE/Outgoing Region 4 Chair, Teresa Watkins, ECE

GTAAN UPDATES

Meet Your Executive Board!

President: Adrienne Hillman, CHBE

VP of Operations & Assessment: Ashlee Toomey-Flinn, OIE

VP of Communications: Sudie Davis, ISyE

VP of Engagement: VACANT

VP of Training & Development: Amanda Blocker, LMC

****For more information on the Executive Board, please visit our website!****

[GTAAN Website](#)

GTAAN Newsletter Submission Guidelines

In order to streamline GTAAN newsletter submissions, we are reviving the guidelines and instructions for submitting items.

- Please provide us with a PDF or image if possible.
- If no PDF or image, please keep your submission to 150 words or less.
- Provide us with website links or documents that we can link to if applicable.
- Expiration date. If no date provided, your item will run in two newsletters max.
- Please make sure you use the submission form. Do not email the GTAAN email address directly **GTAAN Submission Form**
- Have all submissions sent in by Wednesday (the day before) at 4pm

Also, please make sure you're checking your spam folders for GTAAN newsletters. We have had individuals mention that the last few newsletters have gone to their spam, so please mark our address as safe!

Please be patience with us as we learning a new newsletter creation system and trying out new things and layouts--some things might not look like they did before! We are a work in progress and we appreciate your patience!

Questions? Email Sudie Davis, VP of Communications at **gtaan@gatech.edu**.

[GTAAN Submission Website](#)

ADVISING & ADVISOR RESOURCES

Industrial Design Minor Onboarding Process

Students from across campus can complete an industrial design minor to strengthen their skills and understanding of creative problem solving as it relates to design. The ID minor provides an introduction to basic competency in sketching and visualization, an understanding of design methods and human factors, and a chance to apply this knowledge to a practical design studio problem.

Before submitting the Change of Minor form, students are required to read all the modules of the Industrial Design Minor canvas group. The reading can be done at their convenience, but on average, it takes about an hour to complete. Students can self-enroll in the Canvas course

[ID Minor Canvas Page](#)

ISyE Change of Major Process

ISyE has a process all students must follow in order to change their major, based on if they are a first-year student or a non-first year student/transfer. Steps are outlined on our change of major website. All students must attend a change of major meeting before beginning the change of major process. Any questions? Email Sudie Davis at sudie.p.davis@isye.gatech.edu

ISyE Change of Major Meeting Dates

- January 14, 2025 11am VIRTUAL
- February 11, 2025 11am
- March 11, 2025 11am
- April 8, 2025 11am

ISyE Change of Major Website

GTAAN MEETING AND CONNECTION DATES

All meetings are held from 11am-12pm in Clough Lounge 211 or Skiles unless otherwise stated.

- Spring Dates to be Announced Soon

UPCOMING DEADLINES & EVENTS



12.11.24

Join us at our annual

GTAAN

holiday gathering

Where: Coda @ Tech Square, Collective Food Hall

Time: 3:00 pm - 5:00 pm

Details: Stop by and enjoy each other's company before the holiday break! GTAAN will provide a variety of appetizers for the group.

GRAD SCHOOL APPLICATION WRITING SESSION

COME TO A WRITING SESSION TO FOCUS ON YOUR GRAD SCHOOL APPLICATIONS! SPEND SOME FOCUSED TIME ON YOUR ESSAYS. AN ADVISOR WILL BE PRESENT TO HELP AS NEEDED! COME WHEN YOU CAN. LEAVE WHEN YOU WANT.



SESSION
TWO



Friday Nov 15th



10 AM - 12 PM ET



Clough Lounge
Clough 211

COLLEGE & DEPARTMENTAL UPDATES

School of Psychology Special Interest Courses - Spring 2025

The School of Psychology will offer several courses of special interest to students in Spring 2025. Several of these courses support our new minor programs, including the minor in the Science of Mental Health and Well-being and the minor in Computation and Cognition. Please see the attached flyer for more details, and contact us (ugadvising@psych.gatech.edu) if you have any questions.

SP25 Special Topic Courses

HAVE THE SCIENCE OF MENTAL HEALTH & WELL-BEING MINOR?
CONSIDER THESE CLASSES!

PSYC 3009 - Health Psychology

Provides a broad overview of the psychological influences on health and illness in our society

Prerequisite: PSYC 1101

Instructor: Dr. Hughes-Troutman



PSYC 3803 - Foundations of Counseling Skills



Unlock the keys to effective communication and personal growth! Dive into the art of understanding, supporting, and connecting with others on a deeper level.

Instructor: Dr. Hughes-Troutman

To view all PSYC courses, please
access the Course Catalog via OSCAR



HAVE THE COMPUTATION AND COGNITION MINOR?
CONSIDER THESE CLASSES!

PSYC 3803 - Programming for Brain & Behavior

Provides students with a basic toolkit for computationally analyzing data related to brain and behavior using python and R. No prior coding experience but knowledge of linear algebra is recommended!

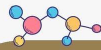
Instructor: Dr. Kim



PSYC 3803 - Computational Neuroscience

Introduces the foundational principles of computational neuroscience, focusing on how neurons and neural circuits process information. Students will explore both biological and artificial neural networks, gaining practical experience with computational tools like MATLAB

Instructor: Dr. Murty



PSYC 3803 - Physics of Cognition

Delve into perception, memory, and learning through physical principles! Students study cognition's physical basis, modern neural recording, and data interpretation.

Prerequisites: PSYC 2020 or PHYS 2212 or MATH 2552

Instructor: Dr. Sederberg

Graduate Sections available for all courses listed

PSYC 4803 - Neuroplasticity in Atypical Development

Focuses on how the human brain adapts under diverse developmental conditions. Students will gain insights into mechanisms of plasticity, accompanying behavioral and neural changes, and potential targeted interventions.

Instructor: Dr. Park



PSYC 4803 - Psychology of Lifelong Learning



Review what is known about adult learning and review potential best practices for acquisition and maintenance of knowledge and skills across the adult lifespan.

Instructor: Dr. Ackerman

PSYC 4803 - Research Methods for HCI & Human Factors

Overview of research methods, tools, metrics, and analyses used in human factors, engineering psychology, human-computer interaction, and design.

Instructor: Dr. Walker



**Graduate Sections available for
all courses listed**

City Planning Courses Spring 2025

SCaRP offers a variety of courses that can meet Core IMPACTS, elective, and Sustainable Cities minor requirements. The multi- and inter- disciplinary nature of urban planning means we have courses on the humanities and social science side, as well as courses that are technical - data science, AI, GIS and computing, and courses that are very interdisciplinary and teach students systems thinking. Please share this flyer with your students! Email anna.traykova@design.gatech.edu with questions.



SPRING 2025 UNDERGRADUATE COURSES

Sustainable Urban Development CP 2233 C

T/R 8:00–9:15 w/ Jairo Garcia

Overview: Introduces students to the theory and practice of sustainability as applied to the built environment at scales from the site to the megaregion.

Core
IMPACTS
Social
Science

Intro to Urban and Regional Planning CP 4020 JG

T/R 9:30–10:45 w/ Jairo Garcia

Overview: Provides an overview of the planning of cities and metropolitan regions. The legal and historical context as well as substantive areas of urban planning are addressed.

Core
IMPACTS
Social
Science

City and its Technology CP 4030 KO

T/R 9:30–10:45 w/ Laura Oconnell

Overview: Places urban infrastructure technology within the larger context of planning and development. The social and economic aspects of these systems are highlighted.

Core
IMPACTS
Humanities

City in Fiction and Film CP 4040 NG

W 8:00–10:45 w/ Laura Oconnell:

Overview: Examines images and perceptions of the urban environment as portrayed in literature and cinema. Explores the social, economic, and cultural contexts that impact on conception of the city.

Land Conservation CP 4105 C

M/W 3:30–4:45 w/ John Threadgill

Overview: Considers the distinctive American view of land and history of the conservation movement, then discusses the why and how of modern land conservation.

Intro to Geographic Information Systems CP 4510 C

M/W 9:30–10:45 w/ Anthony Giarrusso

Overview: Provides a basic understanding of the tools for collecting, storing, and analyzing spatially distributed data. Basic issues of software design and application are covered.

Spring
Break
Abroad

Intro to GIS CP 4510 RWA

M/W 9:30–10:45 w/ Anthony Giarrusso

Overview: This section of Intro to GIS entails a study abroad field trip to Rwanda during spring break.

Environmental GIS CP 4541 CA

M/W 9:30–10:45 w/ Clio Andris

Overview: Focuses on the application of geographic information systems (GIS) to environmental problems. It highlights the types and sources of data appropriate to those applications. CP 4510 Prerequisite.

GIS & Computing CP 4813 CA

New
Course

T/R 2:00–3:15 w/ Clio Andris

Overview: This course focuses on the technical elements of geographic information systems (GIS) and it uses the open-source software QuantumGIS (QGIS).

Cities of Tomorrow CP 4813 GR

New
Course

M/W 2:00–3:15 w/ Gregory Randolph

Overview: Explores the unique challenges that confront cities in the 21st century, drawing on cases and solutions from around the world.

Sustainable Development Planning in Puerto Rico CP 4813 AF1

T/R 12:30–1:45 w/ Alberto Fuentes

Overview: Political economy of sustainable development planning: Puerto Rico.

Puerto Rico Planning Studio Lecture + Studio CP 4813 AF2 & AF3

T/R 12:30–3:15 w/ Alberto Fuentes

Overview: Students in the Puerto Rico studio abroad register for CP 4813 AF2 (lecture) and CP 4813 AF3 (studio project) and travel to Puerto Rico during spring break.

Spring
Break
Abroad

Design of Smart Urban Systems CP 4813 PY

F 8:00–10:45 w/ Perry Yang

Overview: The course integrates data analytics, systems science and urban design. It covers theories, methods, modeling tools and case studies in the context of smart cities.

Urban Data Science CP 4813 YH

New
Course

M/W 11:00–12:15 w/ Yiyi He

Overview: Explores the intersection of AI and data analytics in urban environments. Builds foundation in computational skills, statistical analysis, and best data curation and coding practices. Introduces machine learning frameworks.

New Science and Religion Class for Spring 2025!

A Unique Georgia Tech Course Offering!

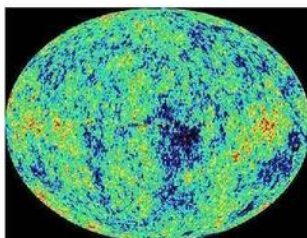
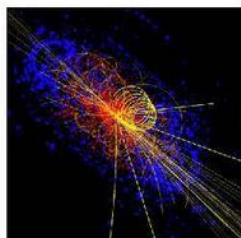
IAC 2002 — “Science, Engineering, and Religion: An Interfaith Dialogue”

Spring Semester 2025

T/Th 5:00-6:15 pm

John D. Cressler

Regents Professor and Schlumberger Chair Professor
Ken Byers Teaching Fellow in Science and Religion, Georgia Tech
<http://cressler.ece.gatech.edu/> cressler@ece.gatech.edu



Course Description

Dividing lines exist within the rigorous, truth-seeking, intellectually demanding academic setting that defines Georgia Tech. I invite you to consider two examples. 1) Walls often separate science and engineering, on the one side, from religion and spirituality, on the other side. It is commonly assumed, for instance, that serious scientists and engineers cannot, by definition, be people of faith; and vice versa. Such matters are rarely, if ever, topics of conversation in classes. 2) Walls often separate the various religious traditions and world views that are represented in Georgia Tech's exceptionally diverse student body. For example, Christians often know very little about the beliefs and practices of Muslims, Jews about Buddhists, Taoists about Sikhs, Hindus about secular humanists. Meaningful dialogue between different religious/spiritual traditions and worldviews on campus is uncommon, or perhaps only comes in response to some tragic event. Again, such matters are rarely, if ever, topics of conversation in classes. With Georgia Tech's strategic goal of graduating outstanding global citizens, it is my view that the educational experience Georgia Tech provides could be further enhanced by engaging in meaningful dialogue across the boundaries of science, engineering and religion/spirituality, particularly within the context of interfaith diversity. After all, we live in an ever-flattening global community.

This unique course is intended to help break down these barriers to meaningful dialogue in a creative way. The course will gather a small group of engaged students who are serious about their religious/spiritual lives, and yet who are also studying hard to be Georgia Tech's next cadre of world-class graduates. Together, we will explore a variety of topics related to the intersection of science, engineering, and religion. No prior background is assumed. All majors and years are welcomed. Together, will break open these topics by engaging in intimate, open and constructive dialogue. The class also includes a number of fun extracurricular events.

Prerequisites: (there are NO formal course prerequisites; open to GT UGs of ALL majors/years)

- An eagerness to engage in open and constructive discussion on a variety of controversial topics.
- An open-minded desire to learn more about other faith traditions and engage in intimate dialogue.
- A desire to better integrate your own religious/spiritual life and worldview with your chosen career.

IMPORTANT NOTE:

Interested? You must contact the professor and apply for a permit to register. Space is limited – act quickly.

Join Us for a Unique and Memorable Experience!

ISyE SUMMER SCHOLARS PROGRAM



A 10-week summer program in which talented undergraduate students conduct independent research under the direction of an ISyE faculty mentor.

**APPLICATION OPENS:
FEBRUARY 2025**

For more information, contact:
ug-research@isye.gatech.edu



Eligibility:

- Located in the Atlanta area for Summer 2025
- Rising juniors and seniors majoring in engineering, math, science, computing, or a related field

More Details:

- 20 hours per week commitment
- \$3,000 stipend
- Participants are responsible for housing, transportation, and meals



Georgia Tech College of Engineering

**H. Milton Stewart School of
Industrial and Systems Engineering**

New Global Engagement Certificate

GLOBAL ENGAGEMENT CERTIFICATE



Build on international experiences to earn the certificate:

- 6 hours of credit from a **study, internship, or research opportunity abroad**
- **1 intercultural course** from:
INTA 3050
ML 3500
CHIN/FREN/GRMN/JAPN/KOR/RUSS/SPAN 4500
- **1 global course** from International Plan list
- **Interested?** Scan QR code for website and to sign up for more info



The new, interdisciplinary Global Engagement Certificate is open to undergraduate students from all majors earning academic credit while abroad. As part of the certificate, Dr. Vicki Birchfield will be teaching INTA 3050: The Meaning of Global Citizenship in Spring 2025. Please see the two flyers for more information about certificate requirements and INTA 3050.

[INTA 3050 Information](#)

Undergraduate Research Resources

From the Undergraduate Research Opportunities Program (UROP) UROP encourages academic advisors to subscribe to the UROP newsletter to stay up-to-date with undergraduate research information, events, and resources. We send the newsletter every other Thursday during the academic year, and we promise not to spam you! Please see the link for the newsletter sign-up.

[UROP Homepage](#)

[UROP Newsletter Signup](#)

JOB OPENINGS

Education Abroad Advisor Job ID 278211

The Office of International Education is recruiting for an open Education Abroad Advisor position. The position will advise faculty-led study abroad program students, specifically OIE-affiliated programs that include the Oxford Summer Program, Pacific Spring Program, ISYE Summer Program in Asia, and ISYE Summer Program in Europe. Additional position details are below. Position Title: Education Abroad Advisor (Hybrid) Position Number: 278211 Salary Range: \$57,000 - \$59,280 To apply, visit <https://hr.gatech.edu/careers/>

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