



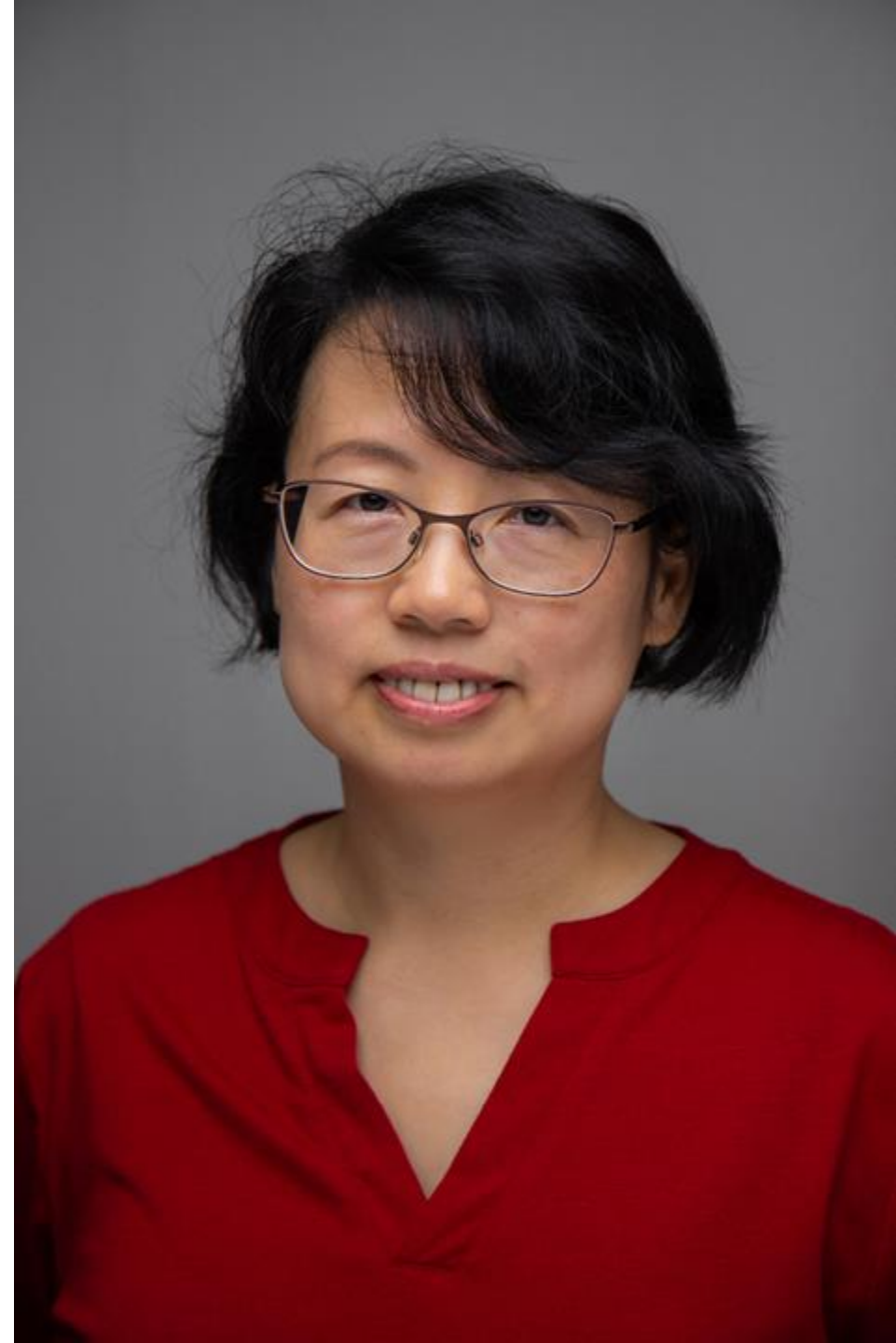
Department of Mathematics

Math and Applied Math majors



INTRODUCTIONS

Prof. Catherine Yan
Professor and
Associate Head for Undergraduate Programs



INTRODUCTIONS

Prof. Heather Klein
Instructional Professor and
Assistant Head for Undergraduate Programs



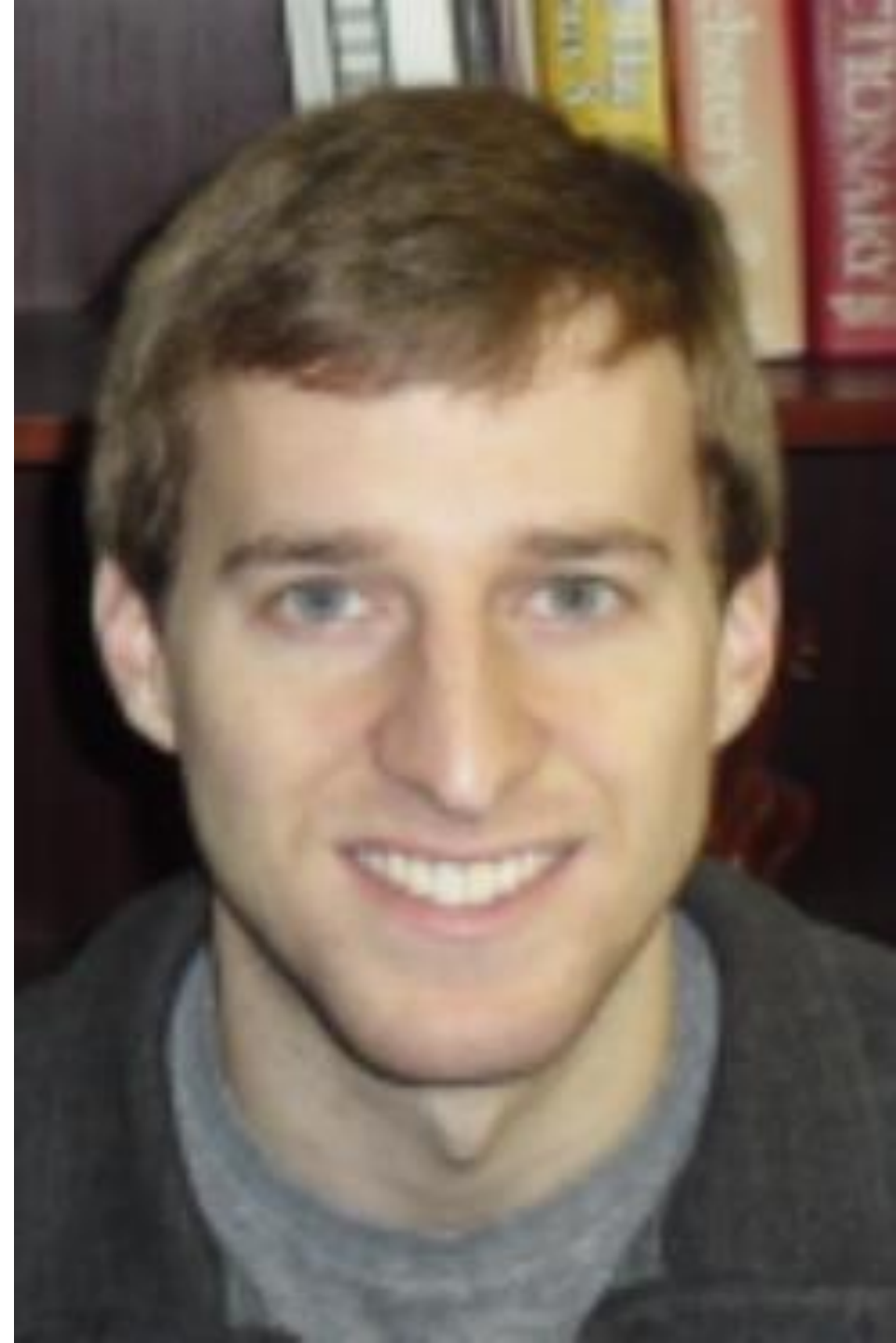
INTRODUCTIONS

Prof. Rob Rahm
Instructional Associate Professor



INTRODUCTIONS

Prof. Todd Schrader
Instructional Associate Professor





INTRODUCTIONS

Jill Lyster
Academic Advisor



What's the fastest way to reach us?

math-advising@tamu.edu

UNDERGRADUATE PROGRAM OFFICE, ADVISING OFFICE, and MATH LOUNGE

The Undergraduate Program Office is located in BLOC 332, and the advising offices are located in BLOC 529.

The Undergraduate Math Lounge is located in BLOC 339, right down the hall from the Undergraduate Program Office. This is a place where our undergraduate majors can meet, relax, work, and study.



MATH DEGREE PLANS

Bachelor of Arts in Mathematics

Majors who choose the Bachelor of Arts must either:

- Select a Minor
- Complete Teacher Certification (aggieteachartsci.tamu.edu)

Bachelor of Science in Mathematics

All of our degree plans can also be found in the Course Catalog (catalog.tamu.edu).

APMT DEGREE PLANS

Bachelor of Science in Applied Mathematics (APMT)

There are seven areas of emphasis for the B.S. in Applied Mathematics:

- Actuarial Science
- Biological Sciences (Pre-Med)
- Computational Science
- Cryptography
- Economics
- Math
- Statistics

All of our degree plans can also be found in the Course Catalog (catalog.tamu.edu).

CLOSET MAJORING

We understand if Math was not your first-choice major, but we are glad you are here. Math is an extremely versatile degree and is attractive to employers!

As a Math major, we expect you to take courses that are necessary to earn a degree in Mathematics and that you follow the required curriculum.

If you enroll in courses that are not part of our degree plans, you may be classified as a “closet major” and be dropped from those courses and/or blocked from registration the following semester.

Additionally, for financial aid purposes, financial aid will only pay for courses that fulfill degree plan requirements.

MATH HONORS PROGRAM

Incoming Freshman Eligibility Requirements

- Students are eligible to participate in the Math Honors Program as incoming freshmen if they have achieved at least:
 - 700+ on the SAT Math or 30+ on ACT Math
- AND
- 28 on the Math Placement Exam (MPE)

After one semester, **all students** are honors eligible if their cumulative GPA is at least 3.5.

MATH HONORS PROGRAM

Perks of Being an Honors Mathematics Major

- Smaller classes with an enriched learning experience
- Honors priority registration, which is the first two days of the pre-registration period
- Looks great on a résumé
- An increased probability of being taken to mathematics conferences with all expenses except for food paid for by the department
- An increased probability of being hired for well-paid jobs such as an undergraduate TA for Math 170/171/172 or an undergraduate mentor
- An increased probability of being accepted into FastTrack, our five-year combined bachelors/masters program in mathematics

WHAT MATH COURSE TO TAKE

If your Math Placement Exam (MPE) score is 21 or lower, you must enroll in **Math 150 (Precalculus)** unless you have previous college or AP credit for Precalculus or higher.

Math 150 Precalculus is also recommended for students in the following categories:

- SAT Math score of 620 or less
- ACT Math score of 24 or less

If you did not have calculus in high school and are not confident about starting with calculus here at A&M, feel free to enroll in Math 150 to solidify the fundamentals.

WHAT MATH COURSE TO TAKE, cont.

If you made a 22 or higher on the MPE and:

- Did not take any AP Calculus exams, or
- Made a 4 or lower on the AB Calculus Exam, or
- Made a 3 or lower on the BC Calculus Exam

then you are eligible to enroll in **Math 171 (Calculus 1)**.

If you:

- Have previous college credit for Calculus 1, or
- Made a 5 on the AB Calculus Exam, or
- Made a 4 on the BC Calculus Exam,

then you are eligible to enroll in **Math 172 (Calculus 2)** if you choose to.

WHAT MATH COURSE TO TAKE, cont.

If you:

- Have previous college credit for Calculus 1 and 2, or
- Made a 5 on the BC Calculus Exam,

then you are eligible to enroll in **Math 221 (Calculus 3)** if you choose to.

If you are eligible to enroll in Math 221, then you are also eligible to enroll in **Math 300** (our “Introduction to Proofs” course). Talk to an advisor about this.

MATH 200 – HORIZONS IN MATH

- 1 credit hour course **available Fall 2025** that counts as a general elective
- Great to add if you just need one extra hour in your schedule
- Strongly recommended for students in Math 171 Honors, Math 172, or higher. Available for students in Math 171 as well.
- Introduction to mathematical topics beyond just numbers and computations. (Logic puzzles, glimpses at infinite sets, mathematical induction, elements of topology and algebra, etc.)
- Learn some about the history of mathematics.
- Hear from math faculty about research in mathematics.
- Discuss future courses and careers in mathematics.

ARSC 101 – Hullabaloo U

FRESHMAN FIRST-YEAR EXPERIENCE

- **Required** of ALL freshmen.
- Designed to get freshmen into a community and connected to their peers.
- Will discuss a wide range of topics including campus resources, Aggie core values, Title IX, and other relevant issues relating to the success of first-year students.
- Worth 0 credit hours (so you aren't paying for it!)
- Graded as Pass/Fail

OTHER COURSE REQUIREMENTS

- All students are required to take courses to satisfy the University Core Curriculum.
- Core curriculum component areas include American History, Communication, Creative Arts, Government/Political Science, Language/Philosophy/Culture, and Social & Behavioral Science.

For some core curriculum requirements, you have flexibility to choose any course that satisfies that component area, but for others, our degrees explicitly require certain courses. That's why it is so important to speak with an academic advisor EVERY SEMESTER before you plan your schedule for the following semester.

OTHER COURSE REQUIREMENTS, continued

In addition to the core curriculum (which is actually a State of Texas requirement for graduation), Texas A&M University requires all students to take one or two of each of the following:

- International & Cultural Diversity (KICD)
- Cultural Discourse (KUCD)
- University Writing Requirement (UWRT or UCRT)

It is possible for one course to count for both a core curriculum requirement and one of the above requirements. For example, ARTS 150 is both a Creative Arts class and an International & Cultural Diversity class.

See core.tamu.edu for core curriculum options and look in the last two columns of the table to see if a course carries the ICD or CD attribute (and can therefore do “double duty” in your degree).

YOUR FALL 2025 COURSE SCHEDULE

A typical first semester schedule:

MATH 150 (4 hours)

MATH 170 (1 hour)

CHEM 119 (4 hours)

ARTS 150 (3 hours)

POLS 207 (3 hours)

ARSC 101 (0 hours)

Total: 15 credit hours

ADDITIONAL COURSE INFORMATION

- The list of suggested courses on your advising information sheet is based on the additional course requirements for our Math Department degree plans and courses needed to satisfy the University's core curriculum.
- See the notes on your advising information sheet for more details or see the information under each degree plan in the official course catalog found at <http://catalog.tamu.edu>.
- If one of your suggested courses is a core elective, see <http://core.tamu.edu> for a full list of available options.
- You will have the opportunity to discuss the exact courses you will take this spring when you meet with your advisor one-on-one.

LEARN



Double your career potential by obtaining a Texas middle and high school teaching certificate as you earn your degree.

TEACH

100%

of our students who want to teach find jobs upon graduation!



IMPACT



Next Step

Visit the website or email aggieteach-artsci@tamu.edu



ADDITIONAL COURSE INFORMATION, cont.

If you are interested in teacher certification, consider enrolling in **ARSC 201**, a 1-hour introductory course to the teaching field.

If you have credit for classes we don't know about, please let your advisor know!

If you are going to be in the Corps of Cadets, please let your advisor know!

MAKING YOUR SCHEDULE

If you'd like to get a head start before your one-on-one advising meeting, you may use the Aggie Schedule Builder in Howdy to start forming your schedule.

Make sure you check the **restrictions** and **prerequisites** for any section of any class you add to your shopping cart!!

GET INVOLVED AND STAY CONNECTED!

Ways to get involved:

- Math Club
- Aggie Actuaries
- Applied Mathematics Undergraduate Seminar (AMUSe)
- Outreach events: Math Circle, High School Math Contest, Aggieland Saturday, Math & Statistics Fair, etc.

Don't miss out on research, internship, and job opportunities. *Read emails from the Math Advising Team!*

Are you a First-Generation student?

The ArtSci Undergraduate Student Success (UGSS) team is here for **you!**

Join us for our come and go Open House event during your lunch hour today in **ACAD 107!**

Program Offerings | Cookies | F2F Goodies

What is “First-Generation”?

- Classified as neither parent having earned a bachelor's degree
- Parent(s) may have completed a degree non-traditionally later in life or obtained a degree internationally


Why F2F?

- Community, support, leadership opportunities, workshops, resources to succeed, networking, service events, and so much more!

The logo for "First To Finish" features the word "FIRST" in a large, bold, black sans-serif font. The letter "I" is replaced by a black graduation cap (mortarboard). Below "FIRST", the words "TO FINISH" are written in a smaller, bold, black sans-serif font. The entire logo is enclosed within a thick black rectangular border.

FIRST
TO FINISH

CHECK OUT THE CAREER CENTER RESOURCES

**Career Center**
DIVISION OF STUDENT AFFAIRS

SEARCH

AboutEvents & ProgramsEmployersCurrent StudentsFormer StudentsFuture Students and Families

CURRENT STUDENTS

EXPLORE MAJORS AND CAREERS

- Majors
- Self-Assessments
- First and Second Year
- Graduating Senior
- Applying to Graduate School
- Professional School Advising

RESUME / DOCUMENTS

- Resume
- CV
- Cover Letters
- Personal Statements
- Vmock Online Resume Review

NETWORKING AND LINKEDIN

- LinkedIn
- Leveraging the AggieNetwork
- Informational Interviews

FIND AN INTERNSHIP / JOB

- Access HireAggies
- Career Fair Preparation
- Company Research
- Internships
- Co-op
- Full-Time Job Search

INTERVIEWS AND OFFERS

- Interviewing Tips
- Dress for Success
- Elevator Pitch
- Interview Ethics and No-Show Policy
- Evaluating an Offer
- Negotiating an Offer

AFFINITY / IDENTITY

- Corps of Cadets
- First-Generation Students
- International Students
- LGBTQ+ Students
- Student Athletes
- Students with Disabilities
- Veterans

GRADUATE STUDENTS

- Career Development Timeline
- Career Exploration
- Career Fairs
- Interviews and Offers
- Job Searching and Application Documents
- Networking

RESOURCES

- Career Success Handbook
- Online Resources
- Youtube Videos
- Mentoring
- Who Hires My Major

ADDITIONAL CAREER CENTER RESOURCES



We can help with . . .

- Career exploration
- Resume development
- Internship & job search
- Interviewing skills
- Salary negotiation
- Career self-assessment
- Finding undergraduate research
- Networking skills & tools
- Job offer evaluation
- Graduate school exploration

Career Advising

- Walk-in advising
- Advising appointments
- Pre-professional school advising
Pre-Medical, Veterinary, Law, Dental, Nursing,
Pharmacy, PT, OT, PA opsa.tamu.edu

Events and Workshops

careercenter.tamu.edu/events

- Career Fairs
- Workshops
- Career Panels
- Resume Days
- Presentations
- Recruiting Events
- Employer Info Sessions
- Career Exploration Days

FALL 2025 ARTS & SCIENCES CAREER FAIR

Sept. 16 & 17
MSC 2300

<https://careercenter.tamu.edu/events/career-fairs>

POCKET PANTRY

Provides temporary relief to students who are experiencing food insecurity

Non-perishable food and toiletries available

Academic Building (Hallway outside of Room 104)
and BLOC 529 (Advising Office)*

*For a list of all pantries and their locations, please visit link below.

<https://studentlife.tamu.edu/sas/food-resources/>



WHERE AM I DINING DURING NSC?

Scan the QR CODE for the full dining guide
or visit tx.ag/NSCDining



Dining Locations Near Us:
Sbisa Underground
Memorial Student Center



HOWDY WEEK - FALL 2025

HOWDY
ARTSCI

HOWDY WEEK 2025

Follow us on social!
@tamuartsci



Friday, August 22, 2025
10 a.m. - 1 p.m.
Instructional Laboratory and
Innovative Learning Building
(ILSQ)

Join the College of
Arts and Sciences for our
2025 Howdy Week event!

Department Booths!
Demonstrations!
Food Trucks!
and MORE!

Watch for our email
with more information!



TEXAS A&M UNIVERSITY
College of Arts
& Sciences

Thanks & Gig 'em!

Contact Us



BLOC 529 & 332



979.458.7609 (Jill)



www.math.tamu.edu



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