



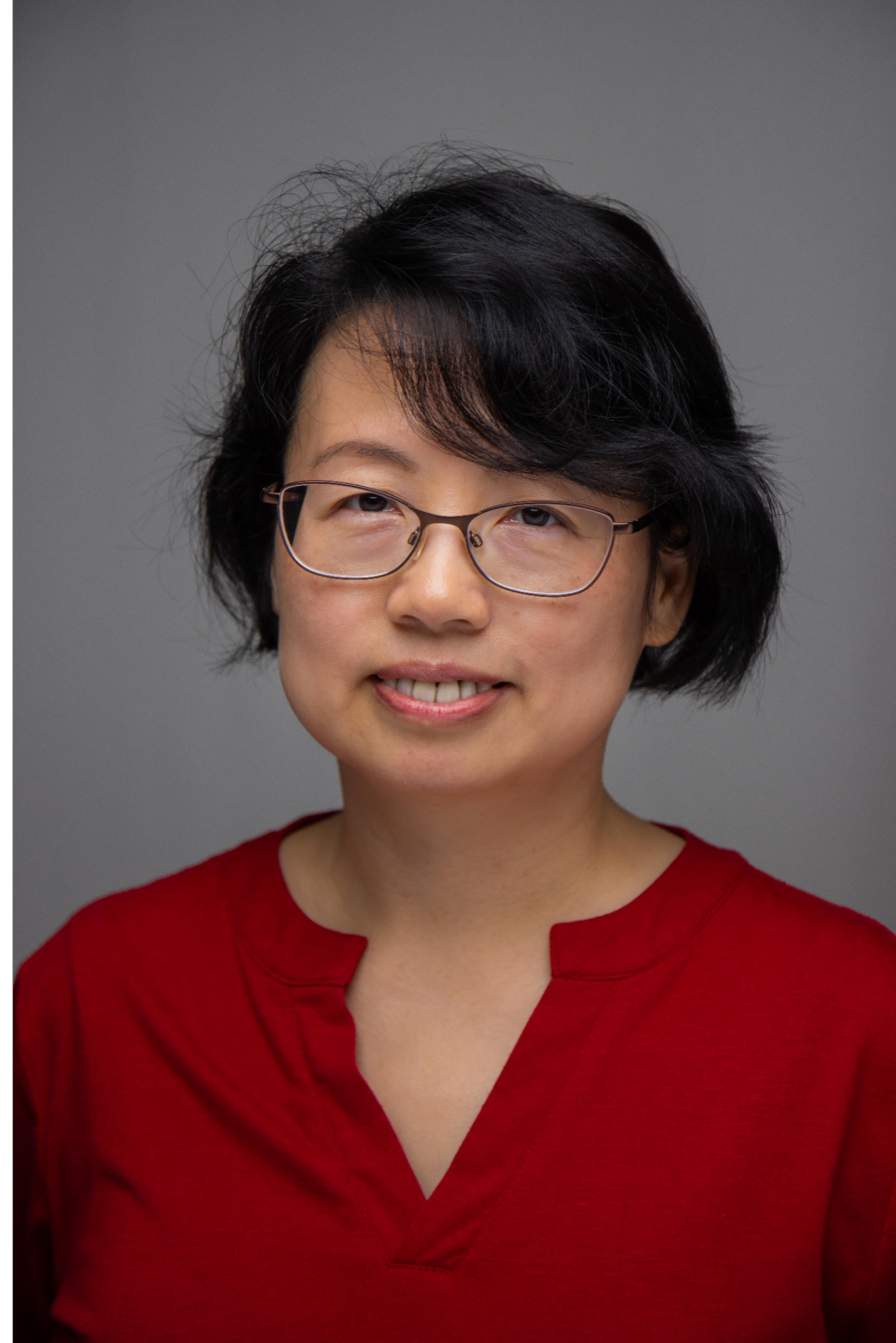
Department of Mathematics

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





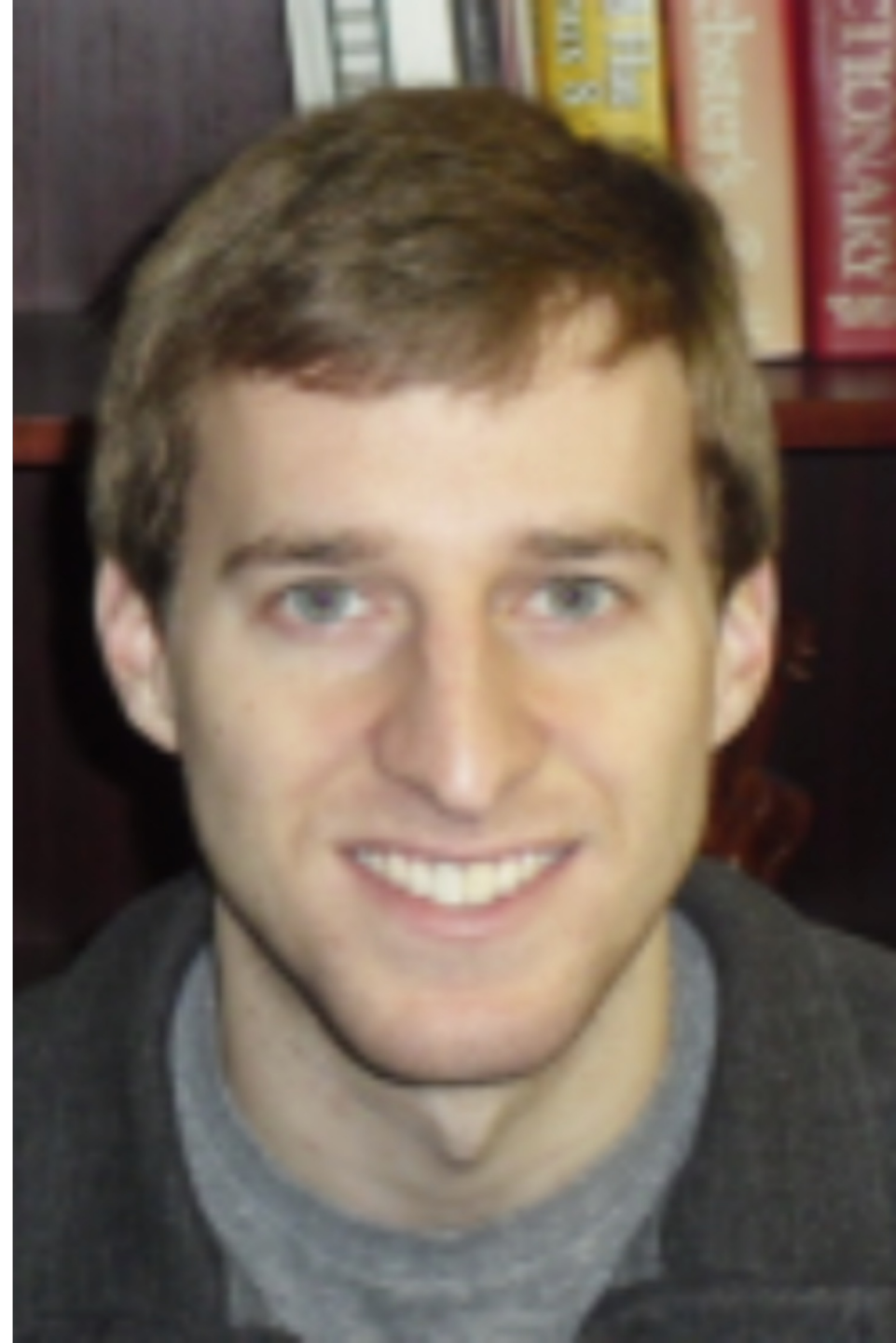
INTRODUCTIONS

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 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 - Freshmen

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 at A&M, feel free to enroll in Math 150 to solidify the fundamentals.

WHAT MATH COURSE TO TAKE - FR, 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 - FR, 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.

WHAT MATH COURSE TO TAKE - Transfers

Math 221 – Calculus III (Multivariable Calculus)

Math 300 – Introduction to Proofs

Math 308 – Differential Equations

Math 323 – Linear Algebra

Math 411 – Probability

Math 407 – Complex Variables

MATH 170 - MATH RETENTION LAB

- Strongly recommended for students taking Math 150 and 171. Also available for students taking Math 172.
- One-hour general elective credit
- Meets one night per week for 2 hours.
- Designed as a way for our majors to get to know each other, form study groups, and work on math.
- Earn a B with perfect attendance.
- Earn an A with perfect attendance and participation in two Math Club meetings, Aggie Actuaries Club meetings, or by volunteering at the High School Math Contest or Career Fair.
 - For students in Math 150 Sign up for Section 501 or 502
 - For students in Math 171 Sign up for Section 503 or 504
 - For students in Math 172 Sign up for Section 503 or 504

FYEX 101 – FRESHMAN FIRST-YEAR EXPERIENCE

- **Required** for ALL freshmen.
- Designed to get freshmen into a community and connected to their peers.
- Will discuss a wide range of topics including campus resources, alcohol and drug use, Title IX issues, 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, cont.

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 SPRING 2026 COURSE SCHEDULE - Freshmen

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)

FYEX 101 (0 hours)

Total: 15 credit hours

YOUR SPRING 2026 COURSE SCHEDULE - Transfer

A typical first semester schedule:

MATH 308 (3 hours)

STAT 211 (3 hours)

CSCE 110 (4 hours)

POLS 207 (3 hours)

Total: 13 credit hours

ADDITIONAL COURSE INFORMATION

- Refer to your advising information sheet to view all course requirements for your degree plan and other University requirements.
- See specific notes regarding your degree plan on your advising information sheet or view 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.

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!

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!*

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



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!!

CHECK OUT THE CAREER CENTER RESOURCES



Career Center
DIVISION OF STUDENT AFFAIRS

SEARCH

About

Events & Programs

Employers

Current Students

Former Students

Future 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

The Career Center can assist with:

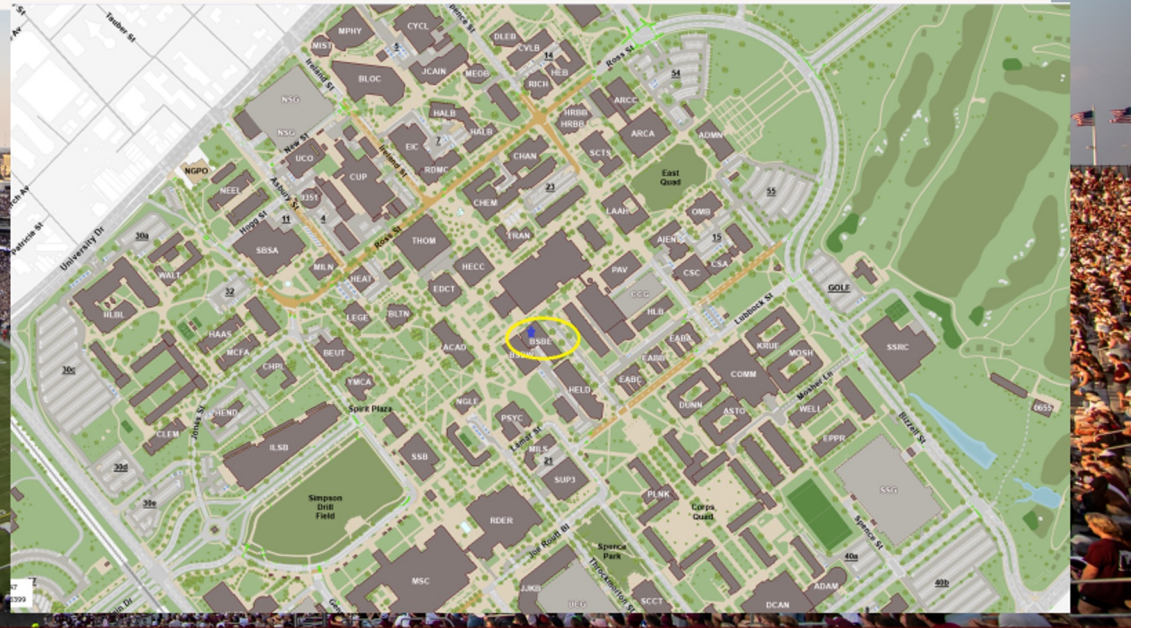
- Career exploration
- Resume development
- Internship and job search
- Interviewing skills
- Salary negotiation
- Career self-assessment
- Finding undergraduate research
- Networking skills and tools
- Job offer evaluation
- Graduate school exploration

SPRING 2026 ARTS & SCIENCES CAREER FAIR

February 3, 2026
MSC 2300

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

**For Parents and Guardians:
How can we help you to support your students?
3:15 pm BSBE 115**



Please check-in using your TAMU Gmail account.



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/>



Thanks & Gig 'em!

Contact Us



BLOC 529 & 332



979.458.7609 (Jill)



www.math.tamu.edu



math-advising@tamu.edu