Introductions
Dr. Paulo Lima-Filho – Associate Head for Operations and Undergraduate Programs

Ms. Donna Hoffman (donna@math.tamu.edu) – Undergraduate Programs Office Manager

Dr. Matt Papanikolas (map@math.tamu.edu) – Director of Honors Program and Advisor

Dr. Mila Mogilevsky (mogilevs@math.tamu.edu) – Academic Advisor

Dr. N. Sivakumar (sivan@math.tamu.edu) – Academic Advisor

Ms. Heather Ramsey (ramsey@math.tamu.edu) – Academic Advisor

Mr. Ben Aurispa (baurispa@math.tamu.edu) – Academic Advisor
Undergraduate Program Office

The Undergraduate Program Office is located in Blocker 241.

Donna’s office is in Blocker 241C.

The Undergraduate Math Lounge is located right down the hall from Donna’s office in Blocker 242. This is a place where our undergraduate majors can meet, relax, work, and study.
Degree Plans

• Bachelor of Arts in Mathematics (page 4 of your handbook)
  Majors who choose the Bachelor of Arts must either:
  • Select a Minor
  • Complete Teacher Certification (page 19 of your handbook)

• Bachelor of Science in Mathematics (page 7 of your handbook)

• Bachelor of Science in Applied Mathematics (page 10 of your handbook)
  There are six areas of emphasis for the B.S. in Applied Mathematics:
  • Math
  • Computer Science
  • Actuarial Science
  • Statistics
  • Economics
  • Biological Sciences

All of our degree plans can also be found on the Math Department webpage with both semester-by-semester and category views.
Closet Majoring

• We understand if Math was not your first choice, 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.
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 a PLTL lab leader for Engineering Calculus.
• A greatly increased probability of being accepted into FastTrack, our five year combined bachelors/masters program in mathematics.
Math Honors Program

Eligibility Requirements
Students are eligible to participate in the Math Honors Program as incoming freshmen if they have achieved at least:

• 730 on the SAT Math or 31 on ACT Math, and

• 29 on the Math Placement Exam (MPE)

After one semester, students are honors eligible if their cumulative GPA is at least 3.5.
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 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 as well.
What Math Course to Take

If you made a 22 or higher on the MPE and are in one of the following categories, you should enroll in **Math 171 (Calculus 1)**.

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

If you are in one of the following categories, you are eligible to enroll in **Math 172 (Calculus 2)** if you want to.

- Have previous college credit for Calculus 1
- Made a 5 on the AB Calculus Exam
- Made a 4 on the BC Calculus Exam
What Math Course to Take

If you are in one of the following categories, you are eligible to enroll in **Math 221 (Calculus 3)** if you want to.

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

If you are eligible to enroll in Math 221, then you are also eligible to enroll in **Math 220** (our “How to Prove” course). Talk to an advisor about this.
Math 170 – Math Retention Lab

• One hour free elective credit.
• Required for Regents Scholars and fulfills Academic Success requirement.
• Not required, but strongly recommended for all other freshman Math majors enrolled in Precalculus, Calculus 1, or Calculus 2.
• Meets one night per week for 2 hours.
• Students work in groups on worksheet activities.
• Designed as a way for our majors to get to know each other and form study groups.
• Earn a B with perfect attendance
• Earn an A with perfect attendance and participation in two Math Club meetings, Actuarial Society meetings or seminars, AMUSE seminars, or by volunteering at the High School Math Contest or Career Fair.

• For students in Math 150 or 171: Sign up for Section 501 or 502
• For students in Math 172: Sign up for Section 503 or 504.
Math 289 – Horizons in Math

• 1 credit hour course
• Great if you just need one extra hour in your schedule.
• For students in Math 171 or higher.
• 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 in mathematics.
• Explore different careers in mathematics.
• Time: TBA
Additional Course Information

• The list of suggested courses on your information sheet is based on additional course requirements found in our Math Department degree plans and courses needed to satisfy the University’s Core Curriculum.

• See the “Description of Electives” pages following each degree plan in your handbook for more details or see the information under each degree plan at www.math.tamu.edu/undergraduate/degree_programs/

• If one of your suggested courses is a CORE elective, see p. 17 of your handbook for course suggestions, or see http://core.tamu.edu for a full list.

• The official Course Catalog for the University can be found online at http://catalog.tamu.edu.
Additional Course Information

- If you are interested in teacher certification, consider enrolling in SCEN 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!
- If you are a Regents Scholar, please let your advisor know!
# Making Your Schedule

- Use the blank schedule sheet at the back of your handbook to help construct schedules – watch out for time conflicts!!
- 4 credit hour courses typically meet on two time schedules for the lecture and the lab. You must attend both schedules.

## MATH - Mathematics

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<th>Subj</th>
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<th>Cmp</th>
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Be Careful…

- The **Course Registration Number (CRN)** is the number you will use to register for each course this afternoon.
- Make sure you are not trying to register in an honors class unless you are honors eligible.
- Make sure there are seats available!! You cannot register in a course that has 0 seats remaining.
  - CHEM 101 opens up additional seats in each section just prior to registration.
  - If there are no sections of a MATH class with remaining seats, Donna can force you in, space permitting. Math majors get priority on forces!
- Make sure there are no additional restrictions on the class that will prohibit you from registering, especially in CHEM!!

<table>
<thead>
<tr>
<th>CRN</th>
<th>Roster</th>
<th>Subj</th>
<th>Crse</th>
<th>Sec</th>
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Before You Leave…

- Show an advisor your finalized trial schedule with all of the information in the example below so that you are ready to go at registration time.

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