YOUR CLASS SCHEDULE

FRESHMAN
• Take core curriculum courses.
• Complete courses that are pre-requisites to higher division courses in your major and which align to the teacher certification exam: MATH 1508 or 1411, MATH 2313.

SOPHOMORE
• Progress towards advanced mathematics courses.
• Balance stringent core courses with electives.
• Visit the MaRCS center for help–transitioning to higher mathematics is often difficult but worth the struggle!

JUNIOR
• Take at least two math courses each semester to make sufficient progress with your degree!
• Balance theory with application to maintain a manageable workload.
• Schedule at least three hours study time for each hour of class so you can keep up!
• Complete remaining core curriculum courses.

SENIOR
• Complete your math coursework—congratulations on almost being done!
• Explore degree requirements for graduate programs in mathematics.

ACADEMIC ADVISING

FRESHMAN
• Register for the first available New Student Orientation.
• Schedule an appointment early each semester with the Academic Advising Center.
• Ask your advisor about joining a learning community.

SOPHOMORE
• Contact the Math Department to be assigned an advisor.
• Schedule an appointment early each semester with your Mathematics Advisor.
• Create your personal graduation plan with your advisor.

JUNIOR
• Schedule an appointment early each semester with your Mathematics Advisor.
• Review your personal graduation plan with your advisor.

SENIOR
• Schedule an appointment early each semester with your Mathematics Advisor.
• Review your appointment early each semester with the College of Science to clear for graduation.

ENRICHING EXPERIENCES

FRESHMAN
• Explore student organizations such as Club Zero, the Statistics Club, and the Actuarial Science Association. Ask for more information at the at the Math Department office.
• Discover volunteer opportunities with the Center for Civic Engagement.
• Meet new people and visit Club Zero’s social hub in Bell Hall 141.

SOPHOMORE
• Cultivate a leadership role with your student organization.
• Investigate volunteer opportunities with summer research opportunities at UTEP and across the nation.
• Expand your global awareness with a Study Away course during Summer or Maymester.

JUNIOR
• Expand your leadership activities with Club Zero, the Statistics Club, and/or the Actuarial Science Association.
• Participate in Project MOVE and expand your community engagement efforts with the Center for Civic Engagement.
• Develop experience by tutoring at a school or becoming a peer leader for freshmen classes.

SENIOR
• Enhance your resume by attending a local or state conference in mathematics.
• Expand your global awareness with a Study Away course during Summer or Maymester.

LIFELONG SUCCESS

FRESHMAN
• Research diverse math careers in fields such as healthcare, business, technology, and computing. Visit the We do Math website for more information.
• Promote math in the community by working with a local math teacher, judging a science fair, tutoring a neighbor, or helping low-income senior citizens do their taxes.
• Talk to a financial aid advisor about loan forgiveness for STEM majors.

SOPHOMORE
• Research diverse math careers in fields such as healthcare, business, technology, and computing. Visit the We do Math website for more information.
• Promote math in the community by working with a local math teacher, judging a science fair, tutoring a neighbor, or helping low-income senior citizens do their taxes.
• Talk to a financial aid advisor about loan forgiveness for STEM majors.

JUNIOR
• Explore graduate programs in mathematics or statistics.
• Discover opportunities beyond the classroom, such as summer internships. Many national labs need math and statistics.
• Explore student organizations such as healthcare, business, technology, and computing. Visit the We do Math website for more information.

SENIOR
• Explore student organizations such as healthcare, business, technology, and computing. Visit the We do Math website for more information.
• Promote math in the community by working with a local math teacher, judging a science fair, tutoring a neighbor, or helping low-income senior citizens do their taxes.
• Talk to a financial aid advisor about loan forgiveness for STEM majors.

EDG ADVANTAGES

• Leadership
• Problem-solving
• Communication

• Entrepreneurship
• Social Responsibility
• Confidence

• Global Awareness
• Teamwork
• Critical Thinking

CAREER POSSIBILITIES:

• Mathematics Teacher
• Mathematics Coach
• Administration

UPDATED 06/29/2018
Bachelor of Science Degree Plan
Mathematics - Applied Mathematics Concentration
(120/37)

**Note: Unofficial - Based on New Catalog**

Major: Mathematics

Department Chair: Dr. Maria Cristina Mariani
Director of Advising: Dr. Tina Garza

"C" grades in Math courses & Core Curriculum
"C" grades in Lower division courses in the Major & Minor
2.0 GPA in the major; 2.0 overall GPA

Departmental Academic Advising: Dr. Andrew Pownuk

**REQUIREMENTS***

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<th>Item</th>
<th>Subjects</th>
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<td><strong>A</strong> General Education</td>
<td>(Minimum &quot;C&quot; grades required)</td>
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<td>1 Communication:</td>
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<tr>
<td>COMM 1611, ESOL 1311, ESOL 1312, RWS 1301, RWS 1302, RWS 1601</td>
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<td><strong>B</strong> MAJOR: Mathematics (40/24)</td>
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<td>MATH 1411</td>
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**C** No Minor Required

At Least 10 hours in upper division courses.
Work with your advisor to determine the courses that best support your major.

**D** Other Science Requirements

Choose one sequence from the following: 8

- BIOL 1305-1107, BIOL 1306-1108
- or CHEM 1305-1105, CHEM 1306-1106,
- or GEOL 1313-1103, GEOL 1314-1104

**E** Additional Required Course(s)

RWS 3359 | 3 | | |
| CS 1301-1101 or 1320 | 3 | | |

**TOTAL HOURS**

| | | 120 |

**COMMENTS:**

This applied mathematics degree plan is just a sample. Your individualized degree plan may differ.