Bachelor of Science in Mathematics  
CONCENTRATION IN STATISTICS  
MAJOR MAP | 2019-2020

YOUR CLASS SCHEDULE

- Along with Core curriculum, work to complete math courses that are pre-requisites to higher division courses in your major MATH 1508 or 1411, 2313.

ACADEMIC ADVISING

- Schedule an appointment early each semester to be advised by the College of Science Statistics Advisor.

- Get to know your classmates and meet new and different people. Spend time on campus. Consider getting involved in student organizations, such as the Club Zero, statistics club or Actuary Student Association.
- Consider the diverse aspects of math careers. You can work in healthcare, business, technology, computing, almost anywhere.

ENRICHING EXPERIENCES

- Explore opportunities to volunteer or tutor in the schools in order to gain real world experience in the classroom.
- Judge a science fair, teach a neighbor, take a field trip to a site you can use with your future class.
- Talk to a financial aid advisor about loan forgiveness for statisticians.

LIFELONG SUCCESS

- Schedule an appointment early each semester to be advised by the College of Science Statistics Advisor.

- Visit the University Career Center to see what resources they offer to help you prepare for your career.
- Create a timeline to graduation which includes an internship.

- Explore graduate degrees available in statistics, data science or actuarial sciences.
- Consider working on an M.S. while you finish your upper division courses. Statistics majors need an M.S. at least for professional careers.

- If you are continuing your education, find out the timelines and requirements for matriculating into your new program.
- If you are joining the workforce, attend job fairs at UTEP and the districts.
- Prepare a resume, practice interview skills and create a Portfolio.

FRESHMAN

- Make sure you have taken MATH 2326 by this year and are ready for junior and senior level courses.

- Complete all Core curriculum and continue taking major courses. You should be enrolled in either STAT 3330. Once you are enrolled in this course, you should join a study group.

- Schedule an appointment early each semester to be advised by the College of Science Statistics Advisor.
- With your advisor, create your personal plan to graduation and timeline to exams.

- Get involved in student organizations related to your major or other interests; seek leadership roles. Look into working or volunteering with summer camps in area schools or apply to summer research opportunities at UTEP and across the nation.
- Investigate a internships in the field. Get to know their requirements.

- Continue to be involved in the areas that you find fulfilling for you. Consider participating in Project MOVE or other community-based activities. Tutor in the schools or become a peer leader for freshmen classes. Attend the UTEP etiquette dinners.
- Go to a statistics conference!
- Research summer opportunities for statisticians to experience other cultures and communities.

- Explore degree requirements for graduate programs.

- Schedule an appointment early each semester to be advised by the College of Science Statistics Advisor.
- Schedule an appointment with the College of Science to clear for graduation.

- Build your resume with activities in your field of study and with educational experiences.
- Attend a conference in your field. Some have free registration if you volunteer to help or give a presentation.
- Join the professional organization for your field—most have complementary student memberships!
- What are the broader impacts or applications of the knowledge you are accumulating?

EDGE ADVANTAGES | UTEP students will graduate with these skills:

- Leadership
- Problem-solving
- Communication

- Entrepreneurship
- Social Responsibility
- Confidence

- Global Awareness
- Teamwork
- Critical Thinking

DEPARTMENT OF MATHEMATICAL SCIENCES | BELL HALL 124 | 915-747-5761 | MATHDEPT@UTEP.EDU

UPDATED 06/29/2018
# Bachelor of Science Degree Plan

## Mathematics - Statistics Concentration

### Minimum Requirements (120/37)

**Name Address**

**Major:** Mathematics  
**Mathematics Minor:** None

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

- At Least C Grades in Lower Division Math Courses & Core Curriculum
- At Least C Grades in Lower Division Courses in the Major & Minor
- At Least 2.0 GPA Overall and in the Major

### REQUIREMENTS

#### A General Education

- (Minimum "C" grades required)

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#### B MAJOR: Mathematics - Statistics Concentration

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#### C Minor Optional - Not Required

- At least 12 upper division semester hours.  
- Requires approval. Work with an advisor to come with the courses that will best support your major.

**TOTAL HOURS**

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**TOTAL HOURS**

### COMMENTS:

Dr. Nancy Marcus, Associate Dean, College of Science

This mathematics (statistics concentration) degree plan is just a sample. Your individualized degree plan may differ.