YOUR CLASS SCHEDULE

ACADEMIC ADVISING

ENRICHING EXPERIENCES

LIFELONG **SUCCESS**

- · 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.
- · 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.
- · 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.

· Progress towards advanced mathematics courses.

· Take core curriculum courses.

courses in your major and which align

to the teacher certification exam-

MATH 1508 or 1411. MATH 2313.

· Complete courses that are pre-requisites to higher division

- · Balance stringent core courses with
- Visit the MaRCS center for helptransitioning to higher mathematics is often difficult but worth the struggle!
- · 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.
- · Cultivate a leadership role with your student organization.
- · Investigate volunteer opportunities with summer camps in area schools or apply to summer research opportunities at UTEP and across the nation.
- Expand your global awareness with a Study Away course during Summer or Maymester.
- 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.
- Visit the University Career Center for professional development resources.
- Enhance your career prospects with an internship.
- · Review your graduation timeline.

- · 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
- · Schedule an appointment early each semester with your Mathematics Advisor.
- Review your personal graduation plan with your advisor.
- · 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.
- · Explore graduate programs in mathematics or statistics.
- Discover opportunities beyond the classroom, such as summer internships. Many national labs need math and
- Visit the S.O.S. MATHematics website for free review materials

- · Complete your math courseworkcongratulations on almost being done!
- · Explore degree requirements for graduate programs in mathematics.
- · Schedule an appointment early each semester with your Mathematics Advisor.
- Schedule an appointment with the College of Science to clear for graduation.
- · Enhance your resume by attending a local or state conference in mathematics. Some have free registration if you volunteer to help or deliver a presentation.
- Reflect on the broader impacts and applications of your mathematics knowledge, and identify emerging trends in your field.
- Review application timelines and requirements if you are pursuing graduate studies.
- Visit career fairs at UTEP and throughout the region.
- Visit the Career Center to review your resume, prepare for interviews, and create a Professional Portfolio

UPDATED 06/29/2018

EDGE ADVANTAGES | UTEP students will graduate with these skills:

- Leadership
- · Problem-solving
- Communication
- Entrepreneurship
- Social Responsibility
- Confidence
- Global Awareness
- Teamwork
- Critical Thinking

CAREER POSSIBILITIES:

- Mathematics Teacher
- Mathematics Coach
- Administration



College of Science Bachelor of Science Degree Plan Updated:
NCM 10-9-17

Note: Unofficial - Based on New Catalog

Mathematics - Applied Mathematics Concentration
(120/37)

Name Address Date

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 ***

REQUIREMENTS ***							
	Items Subjects	Has	Needs		Items Subjects	Has	Needs
Α	General Education			В	MAJOR: Mathematics (40/24)		
	(Minimum "C" grades required)				MATH 1411		4
					MATH 1312		3
1	Communication:		6		MATH 2300		3
	COMM 1611, ESOL 1311, ESOL 1312,				MATH 2313		3
	RWS 1301, RWS 1302, RWS 1601				MATH 2326		3
					MATH 3323		3
2	Mathematics				MATH 3325		3
	MATH 1411 (See Block B)				MATH 3335		3
	MATH 1312 (See Block B)				MATH 4329		3
	<u> </u>				MATH 4336		3
3	Life and Physical Sciences **		8		STAT 3330		3
	PHYS 2420 ir PHYS 2320-2120 and				STAT 4380 or 4385		3
	PHYS 2421 or PHYS 2321-2121				Additional Upper Division Hours in Math		3
4	Language, Philosophy, & Culture			С	No Minor Required		25
	ENGL 2311, 2312 2313, 2314, 2318,	1	3		At Least 10 hours in upper division courses.		
	HIST 2301, 2302, PHIL 1301, 2306		 		Work with your advisor to determine the		
	FREN 2322, RS 1301, SPAN 2340,		 		courses that best support your major.		
	WS 2300, WS 2350			\vdash			
				\vdash			
5	Creative Arts						
	ART 1300, ARTH 1305, ARTH 1306.		3				
	DANC 1304, FILM 1390, MUSL 1321,		 				
	MUSL 1324, MUSL 1327, THEA 1313		 				
6	American History			D	Other Science Requirements		
	HIST 1301		3		Choose one sequence from the following:		8
	HIST 1302		3		BIOL 1305-1107, BIOL 1306-1108		-
	11101 1302				or CHEM 1305-1105, CHEM 1306-1106,		
7	Government/Political Science			+	or GEOL 1313-1103, GEOL 1314-1104		
	POLS 2310		3	+	01 GEGE 1313-1103, GEGE 1314-1104		
	POLS 2311		3	+			
	1 020 2011		3	Е	Additional Required Course(s)		
8	Social and Behavioral Sciences		1	-	RWS 3359		3
•	ANTH 1301, 1302, 1310, 2320, CE 2326,		3		CS 1301-1101 or 1320		3
	COMM 2350, 2372, ECON 2303, 2304,		3		33 .301 1101 01 1020		3
	EDPC 1301, EDU 1342, ENGL 2320,		+				
	GEOG 1310, LING 2320, 2340, PSYC 1301,		+				
	SOCI 1301, SOCI 1310						
9	Component Area Option						
	BUSN 1301, COMM 1301, COMM 1302,		6				
	CS 1310, CS 1320, SCI 1301, UNIV 1301						
	00 1010, 00 1020, 001 1001, 01111 1001						
					TOTAL HOURS	0	120

COMMENTS:

Dr. Nancy Marcus, Associate Dean, College of Science

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