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ACADEMIC ADVISING

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

ENRICHING EXPERIENCES

· 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.

LIFELONG **SUCCESS**

- · 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 vour future class.
- Talk to a financial aid advisor about loan forgiveness for statisticians.

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

YOUR CLASS

SCHEDULE

· Along with Core curriculum, work to

complete math courses that are

pre-requisites to higher division

1411, 2313.

courses in your major MATH 1508 or

- 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.
- · 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!

- · Complete all Core curriculum and · Schedule an appointment early each continue taking major courses. You should be enrolled in either STAT 3330. Science Statistics Advisor Once you are enrolled in this course, you
 - semester to be advised by the College of
- · 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 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.

· Explore degree requirements for graduate programs.

should joint a study group.

- · 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?
- · 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 iob fairs at UTEP and the districts.
- Prepare a resume, practice interview skills and create a 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



Bachelor of Science in Mathematics **CONCENTRATION IN STATISTICS**

MAJOR MAP | 2019-2020



College of Science

Bachelor of Science Degree Plan Bell Hall 100 747-5536

Note: Unofficial - Based on New Catalog The University of Texas at El Paso Mathematics - Statistics Concentration

Minimum Requirements (120/37)

Name Address

Major: Mathimatic Mathematics Minor: None

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

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

El Paso, Texas 79968-0509

Departmental Advisor: Dr. Andrew Pownuk

Updated:

NCM 10-9-17

REQUIREMENTS ***

	Items Subjed Has	Needs		Items Subjects	Has	Needs
Α	General Education		В	MAJOR: Mathematics - State	tistics Concentration	
	(Minimum "C" grades required	d)		MATH 1411		4
				MATH 1312		3
1	Communication:	6		MATH 2313		3
	COMM 1611, ESOL 1311, ES	SOL 1312,		MATH 2325 or MATH 2	300	3
	RWS 1301, RWS 1302, RWS	3 1601		STAT 2480		4
				MATH 3325		3
2	Mathematics			STAT 3330		3
	MATH 1411 (See Block B)			MATH 4326 or MATH 3	323	3
	MATH 1312 (See Block B)			MATH 4329		3
				STAT 4380		3
3	Life and Physical Science	8		STAT 4385		3
·	PHYS 2420 ir PHYS 2320-21			At least 3 courses chose	en from the following:	9
	PHYS 2421 or PHYS 2321-2			MATH 3300, 3319, 332	•	
	11113 2421 0111113 2321-2	121		MATH 3329, 3335, 334		
				STAT 3381	1, 4323, 4329, 4330	
4	Language Philosophy 9 Co	ulturo	\rightarrow	With approval, CS uppe	r division courses	
4	Language, Philosophy, & C		\rightarrow		er-uivisioff courses,	
	ENGL 2311, 2312 2313, 2 HIST 2301, 2302, PHIL 1301,	3	\rightarrow	MATH 4370		
			→			
	FREN 2322, RS 1301, SPAN	2340,	_			
	WS 2300, WS 2350				L	
			С	Minor Optional - Not R	•	12
5	Creative Arts		→	At least 12 upper division		
	ART 1300, ARTH 1305, AI	3		Requires apaproval. W		
	DANC 1304, FILM 1390, MUS			to come with the course	s that will best	
	MUSL 1324, MUSL 1327, TH	EA 1313		support your major.		
			→			
6	American History	2				
	HIST 1301	3	_			
	HIST 1302	3			L	
				Other Science Require		
7	Government/Political Science		D	One sequence from the	•	8
	POLS 2310	3	→	BIOL 1305-1107, BIOL		
	POLS 2311	3	→	or CHEM 1304-11-5, CI		
				or GEOL 1313-1103, G	EOL 1314-1104	
8	Social and Behavioral Scien		E			
	ANTH 1301, 1302, 1310, 2	3		Additional Required Co	ourse(s)	
	COMM 2350, 2372, ECON 23			RWS 3359		3
	EDPC 1301, EDU 1342, ENG			CS 1301-1101 or 1320		3
	GEOG 1310, LING 2320, 234	0, PSYC 1301,				
	SOCI 1301, SOCI 1310					
•	Component Array Ordi					
9	Component Area Option	•	\rightarrow			
	BUSN 1301, COMM 1301,	6	F	F145		
	CS 1310, CS 1320, SCI 1301	, UNIV 1301		Electives		
				Additional Upper-Division		9
				Additional Semester Ho	urs	0
				TOTAL HOURS	0	1

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.