



	YOUR CLASS SCHEDULE	ACADEMIC ADVISING	ENRICHING EXPERIENCES	LIFELONG SUCCESS
FRESHMAN	<ul style="list-style-type: none"> Take your core classes, focusing on BIOL and CHEM. Investigate joining a FYRIS Course in order to conduct hands-on research under the direction of a faculty member. 	<ul style="list-style-type: none"> Meet with your freshman advisor at the University Advising Center before registration. Consult your four-year plan. 	<ul style="list-style-type: none"> Ask your advisor about joining a learning community. Join the American Chemical Society UTEP chapter. Explore the world with a Study Abroad course. 	<ul style="list-style-type: none"> Visit career fairs and expos and investigate career options. Discover tutoring resources on campus. Cultivate healthy lifestyle habits by visiting the Student Recreation Center. Submit a Free Application for Federal Student Aid (FAFSA).
SOPHOMORE	<ul style="list-style-type: none"> Continue taking core courses. You must complete your core before you have 90 credit hours. Take CHEM 2261, The Periodic Table, during your sophomore year. Consult your degree plan for required courses. 	<ul style="list-style-type: none"> Meet with your advisor in the Chemistry Department. Make an appointment via email. Consult your four-year plan. 	<ul style="list-style-type: none"> Cultivate a leadership role with the American Chemical Society UTEP chapter. Discover volunteer opportunities through the Center for Civic Engagement. Join the SACNAS UTEP Chapter. Seek internship opportunities and investigate interning abroad. 	<ul style="list-style-type: none"> Prepare for any necessary examinations for graduate or professional school. Set dates for examinations. Network at employer recruitment activities through JobMine. Identify scholarship opportunities through the Office of Scholarships. Practice professionalism by maintaining a clean record and an appropriate social media presence.
JUNIOR	<ul style="list-style-type: none"> Complete all course requirements continue taking major courses. Complete your Degree Evaluation. 	<ul style="list-style-type: none"> Meet with your advisor in the Chemistry Department. Make an appointment via email. Consult your four-year plan. 	<ul style="list-style-type: none"> Expand your leadership efforts with the American Chemical Society UTEP chapter. Investigate opportunities with RISE. Explore research positions with MARC. Participate in Project Move. 	<ul style="list-style-type: none"> Ask your advisor about enrolling in a fast track graduate program. Identify a faculty mentor for guidance on research opportunities, postsecondary options, and in anticipation of securing a letter of recommendation for graduate and professional applications. Investigate opportunities for graduate or professional study.
SENIOR	<ul style="list-style-type: none"> Complete degree requirements and any courses needed for graduate or professional school. You must have 47 hours at the 3000/4000 level in order to graduate. 	<ul style="list-style-type: none"> Meet with your advisor in the Chemistry Department. Make an appointment via email. Review your graduate audit with Ms. Margie Gutierrez from the College of Science. 	<ul style="list-style-type: none"> Mentor incoming members of the American Chemical Society UTEP chapter. Identify professional societies and apply for conferences. Continue to volunteer in the community. Engage in discussions about leadership and innovation at UTEP L.I.V.E. 	<ul style="list-style-type: none"> Register early to take exams before or during the first semester of your Senior year. Provide yourself with time to retake exams if needed. Explore job fairs and pursue career opportunities. Refine your resume or CV with a Career Education Workshop. Join the UTEP Alumni Association.

UPDATED 10/04/2018

EDGE ADVANTAGES:

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

CAREER POSSIBILITIES:

- Physician (M.D./D.O.)
- Physician Assistant
- Optometrist
- Dentist
- Veterinarian
- Pharmacist
- Research Scientist
- Laboratory Technician
- Teacher



College of Science		Updated:
Bachelor of Science Degree Plan		NCM 9-27-17
Bell Hall 100 747-5536	Biochemistry	Note: Unofficial - Based on New Catalog
The University of Texas at El Paso El Paso, Texas 79968-0509	(120/37)	
Name	Address	Date
Major: Biochemistry		Minor: No Mandatory Minor
Department Chair: Dr. Jorge Gardea-Torresdey		Director of Academic Advising: Dr. Tina Garza
B grades in Lower Division Math courses & Core Curriculum		
2.0 GPA in the major; 2.0 overall GPA		Academic Advising: Brenda Torres

REQUIREMENTS ***

	Items	Subjects	Has	Needs		Items	Subjects	Has	Needs	
A	General Education				B	MAJOR: BIOCHEMISTRY (15 hrs)				
	(Minimum "C" grades required)						CHEM 3330			3
1	Communication:			6		CHEM 3131			1	
	COMM 1611, ESOL 1311, ESOL 1312,					CHEM 3332			3	
	RWS 1301, RWS 1302, RWS 1601					CHEM 4334 or CHEM 4335			3	
2	Mathematics					CHEM 4134			1	
	MATH 1411			4		CHEM 4176			1	
	MATH 1312			3		CHEM 4376			3	
3	Life and Physical Sciences **			8	C	Required CHEM Courses (28 hrs)				
	PHYS 2320-2120 and PHYS 2321-2121						CHEM 1305-1105			4
							CHEM 1306-1106			4
4	Language, Philosophy, & Culture					CHEM 2261			2	
	ENGL 2311, 2312 2313, 2314, 2318,			3		CHEM 2321-2221			5	
	HIST 2301, 2302, PHIL 1301, 2306					CHEM 2322 - 2222			5	
	FREN 2322, RS 1301, SPAN 2340,					CHEM 3310-3110			4	
	WS 2300, WS 2350					CHEM 3351-3151			4	
5	Creative Arts				D	Other Requirements:				
	ART 1300, ARTH 1305, ARTH 1306.			3			BIOL 1305-1107, BIOL 1306-1108			8
	DANC 1304, FILM 1390, MUSL 1321,						MICR 2340-2141			4
	MUSL 1324, MUSL 1327, THEA 1313						BIOL 3320			3
6	American History					BIOL 3314-3115			4	
	HIST 1301			3		MICR 3449			4	
	HIST 1302			3		MATH 2313			3	
7	Government/Political Science				E	Electives:			3	
	POLS 2310			3			CHEM 3352-3152, CHEM 4211-4212			
	POLS 2311			3			CHEM 4328, CHEM 4176, CHEM 4376			
8	Social and Behavioral Sciences					CHEM 4365, CHEM 4380, CHEM 4362				
	ANTH 1301, 1302, 1310, 2320, CE 2326,			3		BIOL 4223-4322, 4388				
	COMM 2350, 2372, ECON 2303, 2304,					MICR 3328, 4329, 4351				
						MICR 4355, 4453; ZOO 4380-4181				