



Required Prerequisite Coursework

Area	Required Course	UTEP Course #	Semester Credit Hours (SCH)
Mathematics (8 SCH)	Calculus I	MATH 1411	4
Statistics	Descriptive & Inferential Statistics OR Elementary Statistical Methods	STAT 1380 OR STAT 2480	3/4
Life and Physical Sciences (46 SCH)	General Biology	BIOL 1305	3
Biology	Topics in Study of Life 1 (Lab)	BIOL 1107	1
	Organismal Biology	BIOL 1306	3
	Organismal Biology Laboratory	BIOL 1108	1
	Human Anatomy/Physiology I	BIOL 2311	3
	Human Anatomy/Physiology Lab I	BIOL 2111	1
	Human Anatomy/Physiology II	BIOL 2313	3
	Human Anatomy/Physiology Lab II	BIOL 2113	1
	Genetics	BIOL 3320	3
Chemistry	General Chemistry	CHEM 1305	3
	Laboratory for CHEM 1305	CHEM 1105	1
	General Chemistry	CHEM 1306	3
	Laboratory for CHEM 1306	CHEM 1106	1
	Organic Chemistry	CHEM 2324	3
	Lab for Organic Chemistry 2324	CHEM 2124	1
	Organic Chemistry	CHEM 2325	3
	Lab for Organic Chemistry 2325	CHEM 2125	1
	Biochemistry I: Structure & Function	CHEM 3330	3
Microbiology	General Microbiology	MICR 2340	3
	General Microbiology Laboratory	MICR 2141	1
Physics	General Physics I	PHYS 1403	4
Writing-Intensive Course (3 SCH)*	Writing-Intensive Designation (e.g., English, History, Humanities, Political Science)	Courses Vary - 3000/4000 Level	3
Spanish	College Level or Test Equivalent	Courses Vary	3
<p>All courses below are Texas Core Curriculum requirements. Students must be core complete to be admitted to our program. Applicants who have attained a baccalaureate degree will have any deficiencies in core requirements waived.</p>			
English Composition (6 SCH)	Rhetoric and Composition I	RWS 1301/ENGL 1311	3
	Rhetoric and Composition II	RWS 1302/ENGL 1312	3
Language, Philosophy & Culture (3 SCH)**	Courses Vary***	Courses Vary**	3
Creative Arts (3 SCH)**	Courses Vary	Courses Vary	3
American History (6 SCH)**	History of the United States to 1865	HIST 1301	3
	History of the United States Since 1865	HIST 1302	3
Government/Political Science (6 SCH)**	Introduction to Politics	POLS 2310	3
	American Government and Politics	POLS 2311	3
Social & Behavioral Sciences (3 SCH)**	Courses Vary****	Courses Vary	3
Component Area Option (6 SCH)**	Seminar in Critical Inquiry OR Interdisciplinary Technology and Society OR Inquiry in Math & Science	UNIV 1301 OR UNIV 2350 OR SCI 1301	3
	Public Speaking (e.g., COMM 1301)	Courses Vary	3
Total SCH			92/93

*It is highly recommended that students take RWS 3359 (Technical Writing) to fulfill this requirement. All other courses taken must have **more than 50% of overall grade** come from **writing assignments**, verified by submission of a syllabus, to fulfill this requirement.

**Refer to Core Curriculum for complete list of courses offered

***It is highly recommended that students take PHIL 2306 (Ethics) to fulfill this requirement

****It is highly recommended that students take ECON 2303 (Principles of Economics) or ECON 2304 (Principles of Economics) to fulfill this requirement