

Critical Technological Studies (B.S.) – Engineering Track

2024-2025 Academic Catalog, Bachelor of Science – Critical Technological Studies, Engineering Track

Academic Core for B.S.		45 Hours	Critical Technological Studies		42 Hours
CHRISTIAN STUDIES		6	B.S. ENGINEERING TRACK REQUIRED COURSES		21
CSBS 1311	Engaging the Old Testament	3	CISC 2330	Introduction to Object-Oriented Programming	3
CSBS 1312	Engaging the New Testament	3	CISC 3322	Web Development	3
ENGLISH		9	ENGR 1310	Introduction to Engineering	3
ENGL 1321	Rhetoric & Composition I	3	ENGR 1320	Introduction to Engineering Fundamentals	3
ENGL 1322	Rhetoric & Composition II	3	ENGR 2320	Statics	3
ENGL	Literature	3	ENGR 2345	Thermodynamics	3
A grade of a "C" or higher is required in ENGL 1321 and ENGL 1322.			ENGR 3360	Engineering for Humanity	3
EXERCISE & SPORT SCIENCE – SELECT TWO DIFFERENT COURSES		2	REQUIRED HUMANITIES COURSES		9
EXAC	Activity Course	1	HUMA 2355	Foundings	3
EXAC	Activity Course	1	WRIT 3342	Advanced Grammar	3
FINE ARTS – SELECT ONE		3	WRIT 3344	Scientific Writing	3
ARTS 1350	Art Appreciation	3	VARIED ANALYSIS – SELECT ONE		3
COMM 2335	Film Appreciation	3	COMM 2390	Introduction to Film Studies	3
FINA 2330	Exploring the Fine Arts	3	ENGL	Literature	3
MUSI 1340	Music Appreciation	3	ORAL COMMUNICATION – SELECT ONE		3
THEA 2350	Theatre Appreciation	3	COMM 3310	Persuasion	3
WORLD CULTURES – SELECT ONE		3	COMM 3325	Advanced Public Speaking	3
ARTS 2354	World Art	3	CULTURAL HUMANITIES – SELECT ONE		3
EXSS 2353	Lifespan Nutrition	3	HUMA 2350	Origins	3
GLBL 2310	Cultural Immersion	3	HUMA 2360	Explorations	3
HIST 1311	History of World Civilizations to 1500	3	PRACTICAL MEDIA SKILLS – SELECT ONE		3
HIST 1312	History of World Civilizations since 1500	3	COMM 3343	Documentary Filmmaking	3
HUMA 2355	Foundations of the Humanities	3	COMM 4377	Narrative Film Production	3
MUSI 2358	World Music	3	Electives		33 Hours
PHIL 2315	Introduction to Philosophy	3	UPPER LEVEL ELECTIVES		18
LAB SCIENCE		8	You need 18 additional hours to reach your minimum 36 UL required hrs.		
	Laboratory Science Courses	8	ELECTIVES		15
PUBLIC SPEAKING		3	You need 15 additional hours to reach your minimum 120 required hrs.		
COMM 1320	Public Speaking	3	Total Hours		
MATHEMATICS		4	Academic Core for B.S.	45	
MATH 1430	Calculus I	4	B.S. Critical Technological Studies Required Courses	42	
SOCIAL SCIENCE – SELECT ONE		3	Upper Level Electives	18	
BECO 2310	Principles of Economics	3	Electives	15	
PSYC 1301	General Psychology	3	Total hours required for graduation	120	
PSYC 2399	Child and Adolescent Development	3	Additional Graduation Requirements		
SOCI 1311	Introduction to Sociology	3	Minimum Upper Level hours	36	
SOCW 2311	Introduction to Social Work	3	Minimum hours taken at UMHB	30	
US HISTORY OR US GOVERNMENT – SELECT ONE		3	Minimum Upper Level hours taken at UMHB	24	
HIST 2311	American History to 1877	3	Minimum cumulative GPA	2.0	
HIST 2312	American History since 1877	3			
POLS 2305	United States Government	3			
POLS 2306	Texas State and Local Government	3			
RESEARCH METHODS OR INTERNSHIP		-			
ENGR 4090	Practical Experience	-			
FRESHMAN SEMINAR		1			
UMHB 1101	Freshman Seminar	1			
CHAPEL – 1 to 4 credits					
UMHB 1002	Chapel				
Fine Arts Experience – 2 to 8 credits					
UMHB 1005	Fine Arts Experience				