

# Critical Technological Studies (B.S.) – Computer Science Track

2023-2024 Academic Catalog, Bachelor of Science – Critical Technological Studies, Computer Science Track

<b>Academic Core for B.S.</b>		<b>45 Hours</b>	<b>Critical Technological Studies</b>		<b>42 Hours</b>
<b>CHRISTIAN STUDIES</b>		<b>6</b>	<b>B.S. COMPUTER SCIENCE TRACK REQUIRED COURSES</b>		<b>21</b>
CSBS 1311	Engaging the Old Testament	3	CISC 1305	Introduction to Computing	3
CSBS 1312	Engaging the New Testament	3	CISC 2315	Discrete Structures of Computer & Eng. Sciences	3
<b>ENGLISH</b>		<b>9</b>	CISC 2330	Introduction to Object-Oriented Programming	3
ENGL 1321	Rhetoric & Composition I	3	CISC 3322	Web Development	3
ENGL 1322	Rhetoric & Composition II	3	CISC 3325	Telecommunications & Networks	3
ENGL	Literature	3	CISC 3341	Operating Systems	3
<i>A grade of a "C" or higher is required in ENGL 1321 and ENGL 1322.</i>			ENGR 1310	Introduction to Engineering	3
<b>EXERCISE &amp; SPORT SCIENCE – SELECT TWO DIFFERENT COURSES</b>		<b>2</b>	<b>REQUIRED HUMANITIES COURSES</b>		<b>9</b>
EXAC	Activity Course	1	HUMA 2355	Foundings	3
EXAC	Activity Course	1	WRIT 3342	Advanced Grammar	3
<b>FINE ARTS – SELECT ONE</b>		<b>3</b>	WRIT 3344	Scientific Writing	3
ARTS 1350	Art Appreciation	3	<b>VARIED ANALYSIS – SELECT ONE</b>		<b>3</b>
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	<b>ORAL COMMUNICATION – SELECT ONE</b>		<b>3</b>
THEA 2350	Introduction to the Theatre	3	COMM 3310	Persuasion	3
<b>WORLD CULTURES – SELECT ONE</b>		<b>3</b>	COMM 3325	Advanced Public Speaking	3
ARTS 2354	World Art	3	<b>CULTURAL HUMANITIES – SELECT ONE</b>		<b>3</b>
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	<b>PRACTICAL MEDIA SKILLS – SELECT ONE</b>		<b>3</b>
HIST 1312	History of World Civilizations since 1500	3	COMM 3343	Documentary Filmmaking	3
MUSI 2358	World Music	3	COMM 4377	Narrative Film Production	3
PHIL 2315	Introduction to Philosophy	3	<b>Electives</b>		<b>33 Hours</b>
<b>LAB SCIENCE</b>		<b>8</b>	<b>UPPER LEVEL ELECTIVES</b>		<b>15</b>
	Laboratory Science Courses	8	You need 15 additional hours to reach your minimum 36 UL required hrs.		
<b>PUBLIC SPEAKING</b>		<b>3</b>	<b>ELECTIVES</b>		<b>18</b>
COMM 1320	Public Speaking	3	You need 18 additional hours to reach your minimum 120 required hrs.		
<b>MATHEMATICS</b>		<b>4</b>	<b>Total Hours</b>		
MATH 1430	Calculus I	4	Academic Core for B.S.	45	
<b>SOCIAL SCIENCE – SELECT ONE</b>		<b>3</b>	B.S. Critical Technological Studies Required Courses	42	
BECO 2310	Principles of Economics	3	Upper Level Electives	15	
PSYC 1301	General Psychology	3	Electives	18	
PSYC 2399	Child and Adolescent Development	3	<b>Total hours required for graduation</b>	<b>120</b>	
SOCI 1311	Introduction to Sociology	3	<b>Additional Graduation Requirements</b>		
SOCW 2311	Introduction to Social Work	3	Minimum Upper Level hours	36	
<b>US HISTORY OR US GOVERNMENT – SELECT ONE</b>		<b>3</b>	Minimum hours taken at UMHB	30	
HIST 2311	American History to 1877	3	Minimum Upper Level hours taken at UMHB	24	
HIST 2312	American History since 1877	3	Minimum cumulative GPA	2.0	
POLS 2305	United States Government	3			
POLS 2306	Texas State and Local Government	3			
<b>RESEARCH METHODS OR INTERNSHIP</b>					
ENGR 4090	Practical Experience	-			
<b>FRESHMAN SEMINAR</b>		<b>1</b>			
UMHB 1101	Freshman Seminar	1			
<b>CHAPEL – 1 to 4 credits</b>					
UMHB 1002	Chapel				
<b>Fine Arts Experience – 2 to 8 credits</b>					
UMHB 1005	Fine Arts Experience				