

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

2024-2025 Academic Catalog, Bachelor of Science – Critical Technological Studies, Engineering Track, Global Emphasis: Foreign Language

| Academic Core for B.S. | 53 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 |
| <i>A grade of a "C" or higher is required in ENGL 1321 and ENGL 1322.</i> | | 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 | 25 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 | 7 |
| PUBLIC SPEAKING | 3 | You need 7 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 | Global Emphasis – Foreign Language | 8 |
| SOCIAL SCIENCE – SELECT ONE | 3 | B.S. Critical Technological Studies Required Courses | 42 |
| BECO 2310 Principles of Economics | 3 | Upper Level Electives | 18 |
| PSYC 1301 General Psychology | 3 | Electives | 7 |
| PSYC 2399 Child and Adolescent Development | 3 | Total hours required for graduation | 120 |
| SOCI 1311 Introduction to Sociology | 3 | Additional Graduation Requirements | |
| SOCW 2311 Introduction to Social Work | 3 | Minimum Upper Level hours | 36 |
| US HISTORY OR US GOVERNMENT – SELECT ONE | 3 | 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 | | |
| RESEARCH METHODS OR INTERNSHIP | - | | |
| ENGR 4090 Practical Experience | - | | |
| FRESHMAN SEMINAR | 1 | | |
| UMHB 1101 Freshman Seminar | 1 | | |
| GLOBAL EMPHASIS – FOREIGN LANGUAGE | 8 | | |
| 8 credit hours (2 semesters or the equivalent) in one language | 8 | | |
| CHAPEL – 1 to 4 credits | | | |
| UMHB 1002 Chapel | | | |
| Fine Arts Experience – 2 to 8 credits | | | |
| UMHB 1005 Fine Arts Experience | | | |