

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

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

Academic Core for B.S. 48 Hours

CHRISTIAN STUDIES 6

CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3

ENGLISH 9

ENGL 1321	Rhetoric & Composition I	3
ENGL 1322	Rhetoric & Composition II	3
ENGL	Literature	3

A grade of a "C" or higher is required in ENGL 1321 and ENGL 1322.

EXERCISE & SPORT SCIENCE – SELECT TWO DIFFERENT COURSES 2

EXAC	Activity Course	1
EXAC	Activity Course	1

FINE ARTS – SELECT ONE 3

ARTS 1350	Art Appreciation	3
COMM 2335	Film Appreciation	3
FINA 2330	Exploring the Fine Arts	3
MUSI 1340	Music Appreciation	3
THEA 2350	Theatre Appreciation	3

WORLD CULTURES – SELECT ONE 3

ARTS 2354	World Art	3
EXSS 2353	Lifespan Nutrition	3
GLBL 2310	Cultural Immersion	3
HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3
HUMA 2355	Foundations of the Humanities	3
MUSI 2358	World Music	3
PHIL 2315	Introduction to Philosophy	3

LAB SCIENCE 8

Laboratory Science Courses	8
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PUBLIC SPEAKING 3

COMM 1320	Public Speaking	3
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MATHEMATICS 4

MATH 1430	Calculus I	4
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SOCIAL SCIENCE – SELECT ONE 3

BECO 2310	Principles of Economics	3
PSYC 1301	General Psychology	3
PSYC 2399	Child and Adolescent Development	3
SOCI 1311	Introduction to Sociology	3
SOCW 2311	Introduction to Social Work	3

US HISTORY OR US GOVERNMENT – SELECT ONE 3

HIST 2311	American History to 1877	3
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	-
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FRESHMAN SEMINAR 1

UMHB 1101	Freshman Seminar	1
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GLOBAL EMPHASIS – STUDY ABROAD 3

Study Abroad	3
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CHAPEL – 1 to 4 credits

UMHB 1002	Chapel	
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Fine Arts Experience – 2 to 8 credits

UMHB 1005	Fine Arts Experience	
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Critical Technological Studies 42 Hours

B.S. ENGINEERING TRACK REQUIRED COURSES 21

CISC 2330	Introduction to Object-Oriented Programming	3
CISC 3322	Web Development	3
ENGR 1310	Introduction to Engineering	3
ENGR 1320	Introduction to Engineering Fundamentals	3
ENGR 2320	Statics	3
ENGR 2345	Thermodynamics	3
ENGR 3360	Engineering for Humanity	3

REQUIRED HUMANITIES COURSES 9

HUMA 2355	Foundings	3
WRIT 3342	Advanced Grammar	3
WRIT 3344	Scientific Writing	3

VARIED ANALYSIS – SELECT ONE 3

COMM 2390	Introduction to Film Studies	3
ENGL	Literature	3

ORAL COMMUNICATION – SELECT ONE 3

COMM 3310	Persuasion	3
COMM 3325	Advanced Public Speaking	3

CULTURAL HUMANITIES – SELECT ONE 3

HUMA 2350	Origins	3
HUMA 2360	Explorations	3

PRACTICAL MEDIA SKILLS – SELECT ONE 3

COMM 3343	Documentary Filmmaking	3
COMM 4377	Narrative Film Production	3

Electives 30 Hours

UPPER LEVEL ELECTIVES 18

You need 18 additional hours to reach your minimum 36 UL required hrs.

ELECTIVES 12

You need 12 additional hours to reach your minimum 120 required hrs.

Total Hours

Academic Core for B.S.	45
Global Emphasis – Study Abroad	3
B.S. Critical Technological Studies Required Courses	42
Upper Level Electives	18
Electives	12
Total hours required for graduation	120

Additional Graduation Requirements

Minimum Upper Level hours	36
Minimum hours taken at UMHB	30
Minimum Upper Level hours taken at UMHB	24
Minimum cumulative GPA	2.0