



UNIVERSITY OF MARY HARDIN-BAYLOR  
**BACHELOR OF SCIENCE**  
 Computer Science

STUDENT NAME \_\_\_\_\_

ID # \_\_\_\_\_

EMAIL \_\_\_\_\_

PHONE # \_\_\_\_\_

124 MINIMUM HOURS
36 UPPER LEVEL HOURS
31 HOURS AT UMHB

CHRISTIAN STUDIES - 6 HOURS			
CSBS 1311	Old Testament		
CSBS 1312	New Testament		

MAJOR			
12 HOURS (6 UPPER LEVEL) AT UMHB			
12 HOURS MINIMUM UPPER LEVEL			
COMPUTER SCIENCE			
48 HOURS			

ELECTIVES - AS NEEDED TO COMPLETE 124 HRS			
Upper Level Courses Recommended			

ENGLISH - 12 HOURS			
ENGL 1321	Comp I		
ENGL 1322	Comp II		
ENGL	Literature		
ENGL	Literature		

SOCIAL SCIENCE - 6 HOURS			
TWO DIFFERENT DISCIPLINES OUTSIDE OF THE MAJOR			

CISC 2315	Discrete Structures for CSE		
CISC 2325	Telecommunications & Networks		
CISC 2330	Intro to Object-Oriented Programming		
CISC 3321	Object-Oriented Development		
CISC 3341	Operating Systems		
CISC 3360	Computer Organization & Arch.		
CISC 4305	Algorithms & Data Structures		
CISC 4327	Data Mining Algorithms & Appl.		
	Practical Experience <sup>^</sup>		

LABORATORY SCIENCE			
12 HOURS			
TWO DIFFERENT DISCIPLINES			

WORLD IDEAS OR PHILOSOPHY OR NON-US HISTORY - 3 HOURS			

Required Support Courses - 12 hours			
CISC 2305	Intro to Computer & Engineering Scien		
CISC 4370	CISC & ENGR Seminar		
MATH *1330	Calculus I		
MATH *2320	Linear Algebra		

QUANTITATIVE REASONING - 3 HOURS			
MATH	1306 or 1320		

GLOBAL ISSUES OR SOCIAL SCIENCE - 3 HOURS			

Computer Science Elective* - 3 hours			
Choose from CISC, ENGR, MATH or BCIS			

SCI INQUIRY OR NATURAL SCI - 3 HOURS			
ENGR 2301			

PUBLIC SPEAKING			
3 HOURS			
COMM 1320	Public Speaking		

FINE ARTS - 3 HOURS			

ACTIVITY PE - 2 COURSES			

Specialization (9 hours)			
Students may select courses from one or multiple specializations.			
Network-Centric Specialization			

FRESHMAN SEMINAR - 1 HOUR			
UMHB 1101			

Date of Entry \_\_\_\_\_

CHAPEL - 1 TO 4 CREDITS			
UMHB 1002			
UMHB 1002			
UMHB 1002			
UMHB 1002			

Expected Graduation Date \_\_\_\_\_

- PREVIOUS COLLEGES / UNIVERSITIES ATTENDED:
- (1) \_\_\_\_\_
  - (2) \_\_\_\_\_
  - (3) \_\_\_\_\_

Human-Computer Interface Specialization			
CISC 4324	Network Security		
CISC 4325	Network Security II: Cryptograph		
CISC 4328	Computer Security		

Games Programing Specialization			
CISC 3361	System Programming: Robotics		
CISC 4322	Telecommunications Development		
CISC 4326	Programming Languages		
CISC 4347	Graphics Programming		

CISC 4345	Games Programming I		
CISC 4346	Games Development		
CISC 4348	Game Production Development		

FINE ARTS EXPERIENCE			
1 TO 8 CREDITS			
UMHB 1005			
UMHB 1005			
UMHB 1005			
UMHB 1005			
UMHB 1005			
UMHB 1005			
UMHB 1005			
UMHB 1005			

*No grade lower than "C" will be counted as a fulfillment of any major course requirement.*

*<sup>^</sup>300 hours of practical work experience in major required through full- or part-time employment, internships (including CISC 4395), apprenticeships, international experiences, or co-op experiences.*

*\*A course taken to meet degree requirements cannot be counted to meet this requirement.*

ADVISOR (Major)/Date \_\_\_\_\_