



UNIVERSITY OF MARY HARDIN-BAYLOR
BACHELOR OF SCIENCE
 with Teacher Certification in Science - Secondary Level

STUDENT NAME _____
 EMAIL _____

ID # _____
 PHONE # _____

151 MINIMUM HOURS
36 UPPER LEVEL HOURS
38 HOURS AT UMHB

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

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			
PSYC 1301	General Psyc		
POLS	**State & Fed Govt I or II		
**Strongly recommended for cert prep but not required.			

LABORATORY SCIENCE			
12 HOURS			
TWO DIFFERENT DISCIPLINES			
GEOL 1401*	Physical Geology		
GEOL 1402*	Historical Geology		
PHYS 2411*	General Physics I		

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

QUANTITATIVE REASONING - 3 HOURS			
MATH 2303*	Statistics		

GLOBAL ISSUES OR			
SOCIAL SCIENCE - 3 HOURS			
HIST	**American History I or II		
**Strongly recommended for cert prep but not required.			

SCI INQUIRY OR NATURAL SCI - 4 HOURS			
PHYS 2412*	General Physics II		

SPEECH COMMUNICATION - 3 HOURS			
COMM 1320*	Public Speaking		
*Must earn a "C" or higher in COMM 1320			

FINE ARTS - 3 HOURS			

TECHNOLOGY - 3 HOURS			
EDUC 2311	Classroom Technology		

FRESHMAN SEMINAR - 1 HOUR			
UMHB 1101			

ACTIVITY PE - 2 COURSES			

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

ELECTIVES - AS NEEDED TO COMPLETE 124 HOURS			
WRIT 3344*	Scientific Writing		
*Required support course for major.			

PREVIOUS COLLEGES / UNIVERSITIES ATTENDED:

(1) _____

(2) _____

(3) _____

BASIC SKILLS			
READING			
MATH			
WRITING			
ORAL			
CRITICAL THINKING			

MAJOR			
12 HOURS (6 UPPER LEVEL) AT UMHB			
12 HOURS MINIMUM UPPER LEVEL			
BIOLOGY			
37 HOURS			
3.0 GPA Required			

BIOL 1090*	Freshman Evaluation		
BIOL 1350	General Biology I		
BIOL 1150	General Biology I Lab		
BIOL 1360	General Biology II		
BIOL 1160	General Biology II Lab		
BIOL 2170	Research Methods		
BIOL 2171	Research Methods Lab		
BIOL 3310	Genetics		
BIOL 3110	Genetics Lab		
BIOL 4090	Senior Evaluation		
BIOL 4194	Capstone Writing		
BIOL 4195	Capstone Seminar		
BIOL 4370	Applied Ecology		
BIOL 4170	Applied Ecology Lab		

Physiology Elective - Choose One			
BIOL 2330	Found of Comparative Phys		
BIOL 2340/2140	Human A&P I w/Lab		
BIOL 2380/2180	Microbiology w/Lab		

Biology Electives			
BIOL	Upper Level with Lab	4	
BIOL	Any with Lab	4	
BIOL			
BIOL			

No grade lower than a "C" will count toward fulfillment of Biology major requirements.

*Freshman only

-Admission to Teacher Education Program-

*Cumulative GPA must be a minimum of 2.75.

*A minimum 3.00 GPA and no grade lower than a "C" are required in certification area & professional development.

MINOR			
6 HOURS UPPER LEVEL AT UMHB			
CHEMISTRY			
24 HOURS			

CHEM 1410	General Chemistry I		
CHEM 1420	General Chemistry II		
CHEM 3001	Lab Assistantship		
CHEM 3400	Quantitative Analysis		
CHEM 3410	Organic Chemistry I		
CHEM 3420	Organic Chemistry II		
CHEM 4191	Seminar		
CHEM 4300	Safety in the Academic Lab		

PEDAGOGY & PROFESSIONAL PRACTICES			
26 HOURS			
3.00 GPA Required			

EDUC 3315	Students and Learning		
EDUC 4316	Curriculum Design I		
EDUC 4324	Classroom Management		
EDUC 4385	Educational Internship		
READ 4326	Disciplinary Literacy		

STUDENT TEACHING			
EDUC 4150	Cert Prep Seminar		
EDUC 4505	Student Teach Secondary I		
EDUC 4506	Student Teach Secondary II		

FINE ARTS EXPERIENCE			
2 TO 8 CREDITS			

UMHB 1005			
UMHB 1005			
UMHB 1005			
UMHB 1005			
UMHB 1005			
UMHB 1005			
UMHB 1005			
UMHB 1005			