



**UNIVERSITY OF MARY HARDIN-BAYLOR**  
**BACHELOR OF SCIENCE**  
 with Teacher Certification in Science 7 - 12

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

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

141 MINIMUM HOURS
36 UPPER LEVEL HOURS
36 HOURS AT UMHB

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

LABORATORY SCIENCE 12 HOURS TWO DIFFERENT DISCIPLINES			
GEOL 1401*	Physical Geology		
PHYS 2411*	General Physics I		
PHYS 2412*	General Physics II		

\*Required Support Courses.

QUANTITATIVE REASONING - 3 HOURS			
MATH 1330*	Calculus I		

\*Required Support Course

SCI INQUIRY OR NATURAL SCI - 4 HOURS			
GEOL 1402*	Historical Geology		

FINE ARTS - 3 HOURS			

FRESHMAN SEMINAR - 1 HOUR			
UMHB 1101			

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

PREVIOUS COLLEGES / UNIVERSITIES ATTENDED:

- (1) \_\_\_\_\_  
 (2) \_\_\_\_\_  
 (3) \_\_\_\_\_

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

SOCIAL SCIENCE - 6 HOURS TWO DIFFERENT SUBJECT AREAS OUTSIDE OF MAJOR			
PSYC 1301	General Psyc		
POLS	*State & Fed Govt I or II		

\*Strongly recommended for cert prep but not required.

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

GLOBAL ISSUES OR SOCIAL SCIENCE - 3 HOURS			
HIST	*American History I or II		

\*Strongly recommended for cert prep but not required.

PUBLIC SPEAKING 3 HOURS			
COMM 1320*	Public Speaking		

\*Must earn a "C" or higher in COMM 1320

TECHNOLOGY - 3 HOURS			
EDUC 2311	Classroom Technology		

ACTIVITY PE - 2 COURSES			

FINE ARTS EXPERIENCE - 2 TO 8 CREDITS							
UMHB 1005				UMHB 1005			
UMHB 1005				UMHB 1005			
UMHB 1005				UMHB 1005			
UMHB 1005				UMHB 1005			

MAJOR 12 HOURS (6 UPPER LEVEL) AT UMHB 12 HOURS MINIMUM UPPER LEVEL CHEMISTRY 35-37 HOURS 3.0 GPA Required			
CHEM 1410	General Chemistry I		
CHEM 1420	General Chemistry II		
CHEM 2181	Intro Chem Rsrch-Cap I		
CHEM 3001	Laboratory Assistantship		
CHEM 3400	Quantitative Analysis		
CHEM 3410	Organic Chemistry I		
CHEM 3420	Organic Chemistry II		
CHEM 3440	Physical Chemistry I		
CHEM 3450	Physical Chemistry II		
CHEM 4090	Senior Evaluation		
CHEM 4181	Chemical Rsrch - Cap II		
CHEM 4183	Seminar - Cap III		
CHEM 4300	Safety in Academic Lab		
SELECT 1 -3 HOURS FROM THE FOLLOWING:			
CHEM 3480	Environmental Chem		
CHEM 4190-4490	Independent Study		
CHEM 4193-4493	Chemical Research		
CHEM 4350	Adv Inorganic Chem		
CHEM 4430	Biochemistry		
CHEM 4440	Adv Analytical Chem		

A grade of "C" or better must be made in all  
 Chemistry courses counting toward the major.

MINOR 6 HOURS UPPER LEVEL AT UMHB  BIOLOGY 19 HOURS			
BIOL 1350	General Biology I		
BIOL 1150	General Biology I Lab		
BIOL 1360	General Biology II		
BIOL 1160	General Biology II Lab		
BIOL 3310	Genetics		
BIOL	Upper Level Elective	3	
BIOL	Elective	5	

PEDAGOGY & PROFESSIONAL PRACTICES 27 HOURS 3.00 GPA Required			
EDUC 3315	Students and Learning		
EDUC 4324	Classroom Management		
EDUC 4328	Curriculum Design I		
EDUC 4385	Educational Internship		
READ 4326	Disciplinary Literacy		
STUDENT TEACHING			
EDUC 4250	Student Teaching Seminar		
EDUC 4501	Student Teaching I		
EDUC 4502	Student Teaching II		

-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.

BASIC SKILLS	
READING	
MATH	
WRITING	
ORAL	
CRITICAL THINKING	

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