



# UNIVERSITY OF MARY HARDIN-BAYLOR BACHELOR OF SCIENCE

with Teacher Certification (Grades 8-12) in Science

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

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

EMAIL \_\_\_\_\_

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

126 MINIMUM HOURS
36 UPPER LEVEL HOURS
32 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			
CHEMISTRY			
35-37 HOURS			
3.0 GPA Required			

MINOR			
6 HOURS UPPER LEVEL AT UMHB			
PHYSICAL SCIENCE			
28 - 30 HOURS			
CHEM 1410	General Chemistry I	XX	XX
CHEM 1420	General Chemistry II	XX	XX
CHEM 3480	Environmental Chemistry		
CHEM 4191-4491 Seminar			
PHYS 2411	General Physics I		
PHYS 2412	General Physics II		
PHYS 3301	Descriptive Astronomy		
PHYS 3302	Physical Asp Gen Sci		
PHYS 4191-4491 Seminar			

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

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

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		

MINOR			
6 HOURS UPPER LEVEL AT UMHB			
PEDAGOGY & PROFESSIONAL PRACTICES			
23 HOURS			
3.00 GPA Required			
EDUC 3315	Students and Learning		
EDUC 3324	Classroom Management		
EDUC 4316	Curriculum Design		
READ 4326	Disciplinary Literacy		
STUDENT TEACHING			
EDUC 4150	Cert Prep Seminar		
EDUC 4505	Stu Teach (8-10)		
EDUC 4506	Stu Teach (10-12)		

LABORATORY SCIENCE			
12 HOURS			
TWO DIFFERENT DISCIPLINES			
Fulfilled by Major/Minor			
Fulfilled by Major/Minor			
Fulfilled by Major/Minor			

WORLD IDEAS OR PHILOSOPHY OR NON-US HISTORY - 3 HOURS			
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CONTEMPORARY WORLD ISSUES OR SOCIAL SCIENCE - 3 HOURS			
HIST	*American History I or II		

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		

-Admission to Teacher Education Program-  
\*Cumulative GPA must be a minimum of 2.5.  
\*A minimum 3.00 GPA and no grade lower than a "C"  
are required in certification area & professional development.

QUANTITATIVE REASONING - 3 HOURS			
MATH 1330*	Calculus I		

PUBLIC SPEAKING			
3 HOURS			
COMM 1320*	Public Speaking		

SCI INQUIRY OR NATURAL SCI - 3 HOURS			
Fulfilled by Major/Minor			

TECHNOLOGY - 3 HOURS			
EDUC 2311	Classroom Technology		

FINE ARTS - 3 HOURS			
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ACTIVITY PE - 2 COURSES			
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FRESHMAN SEMINAR - 1 HOUR			
UMHB 1101			

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

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

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

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

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

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

UMHB REGISTRAR'S OFFICE OFFICIAL 13-14

BASIC SKILLS	
READING	
MATH	
WRITING	
ORAL	
CRITICAL THINKING	