UNIVERSITY OF MARY HARDIN-BAYLOR
BACHELOR OF SCIENCE
Engineering Science

STUDENT NAME _____ ID # _____

EMAIL _____ PHONE # _____

	124 MINIMUM HOURS		
	36 UPPER LEVEL HOURS		
	31 HOURS AT UMHB		

ENGLISH - 12 HOURS

ENGL	1321	Comp I		
ENGL	1322	Comp II		
ENGL		Literature		
ENGL		Literature		

LABORATORY SCIENCE
12 HOURS
IN AT LEAST TWO DIFFERENT AREAS

PHYS	2421*	Physics with Calculus I		
PHYS	2422*	Physics with Calculus II		
CHEM	1410*	General Chemistry I		

QUANTITATIVE REASONING - 3 HOURS

MATH	1330 or 2310*		

SCI INQUIRY OR NATURAL SCI - 3 HOURS

FINE ARTS - 3 HOURS

FRESHMAN SEMINAR - 1 HOUR

UMHB	1101		

CHAPEL - 1 TO 4 CREDITS

UMHB 1002			
UMHB 1002			
UMHB 1002			
UMHB 1002			

CHRISTIAN STUDIES - 6 HOURS

CSBS	1311	Old Testament		
CSBS	1312	New Testament		

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

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

CONTEMPORARY WORLD ISSUES OR
SOCIAL SCIENCE - 3 HOURS

PUBLIC SPEAKING
3 HOURS

COMM	1320	Public Speaking		

ACTIVITY PE - 2 COURSES

FINE ARTS EXPERIENCE
1 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
ENGINEERING SCIENCE
37 HOURS

ENGR	1310	Introdution to Engineering		
ENGR	1320	Introduction to Engineering Fund.		
ENGR	2311	Numerical Algorithms For CSE		
ENGR	2320	Engineering Mechanics: Statics		
ENGR	2321	Engineering Mechanics: Dynamics		
ENGR	2345	Thermodynamics		
ENGR	2430	Electrical Circuit Theory		
ENGR	3337	Digital Logic Design		
ENGR	4370	Ethics Seminar for CSE students		

Engineering Upper Level Electives - 12 hours

ENGR	33xx	Upper-Level Engineering		
ENGR	33xx	transferred from an accredited		
ENGR	43xx	Engineering School		
ENGR	43xx			

Computer Science Courses - 6 to 9 hours

CISC	2330	Structured Programming Funds		
CISC	3321	Object-Oriented Development		
CISC	3361**	System Programming		

**Electrical Engineering track only

Required support courses for major

Date of Entry _____

Expected Graduation Date _____

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

MATH	2303*	Statistics		
MATH	2320*	Linear Algebra		
MATH	2330*	Calculus II		
MATH	3325*	Ordinary Differential Equations		
MATH	3330*	Calculus III		
MATH	*	UL Elective		

PREVIOUS COLLEGES / UNIVERSITIES ATTENDED:

(1) _____

(2) _____

(3) _____

SOR (Major)/Date _____

UMHB REGISTRAR'S OFFICE OFFICIAL 13-14