

UNIVERSITY OF MARY HARDIN-BAYLOR
BIOLOGY MAJOR for Pre-PA—DEGREE PLAN

FRESHMAN YEAR (*The student MUST take a Biology, a Chemistry, & Math the first semester to stay on track.*)

BIOL 1090: Freshman Evaluation.....	0 sem. hrs.
BIOL 1350/1150: General Biology I.....	4 sem. hrs.
BIOL 1360/1160: General Biology II.....	4 sem. hrs.
English (ENGL 1321 & 1322).....	6 sem. hrs.
CHEM 1410 & 1420: General Chemistry I and II.....	8 sem. hrs.
MATH 1306: Algebra.....	3 sem. hrs.
*PSYC 1301: General Psychology.....	3 sem. hrs.
Physical Education (activity course).....	1 sem. hrs.
Freshman Seminar.....	1 sem. hrs.
Chapel (2 semesters).....	<u>0 sem. hrs.</u>
TOTAL	30 sem. hrs.

SOPHOMORE YEAR

BIOL 2170/2171: Research Methods.....	2 sem. hrs.
BIOL 2340/2140: Human Anatomy & Physiology I.....	4 sem. hrs.
BIOL 2341/2141: Human Anatomy & Physiology II.....	4 sem. hrs.
BIOL 2380/2180: Microbiology.....	4 sem. hrs.
*CHEM 3410 & 3420: Organic Chemistry I & II.....	8 sem. hrs.
English (ENGL 2321 & 2322).....	6 sem. hrs.
Public Speaking.....	3 sem. hrs.
Chapel (2 semesters).....	<u>0 sem. hrs.</u>
TOTAL	31 sem. hrs.

JUNIOR YEAR

BIOL 3310/3110: Genetics.....	4 sem. hrs.
*BIOL 3340 or 4305/4105 or 4315/4115.....	3-4 sem. hrs.
WRIT 3344: Scientific Writing.....	3 sem. hrs.
MATH 2303: Statistics.....	3 sem. hrs.
*CHEM 4430 Biochemistry.....	4 sem. hrs.
EXSS 2355: Medical Terminology.....	3 sem. hrs.
*Social Science (PSYC 2311 or 3315).....	6 sem. hrs.
Social Science.....	3 sem. hrs.
Elective.....	3 sem. hrs.
Physical Education (activity course).....	<u>1 sem. hrs.</u>
TOTAL	33-34 sem. hrs.

SENIOR YEAR

BIOL 4370/4170: Applied Ecology.....	4 sem. hrs.
BIOL 4194: Writing Capstone.....	1 sem. hrs.
BIOL 4195: Seminar Capstone.....	1 sem. hrs.
BIOL 4090: Senior Evaluation.....	0 sem. hrs.
BIOL Upper-level elective with lab.....	4 sem. hrs.
Religion (CSBS 1311 and 1312).....	6 sem. hrs.
World Ideas or Philosophy or Non-US History.....	3 sem. hrs.
Fine Arts.....	3 sem. hrs.
Elective.....	<u>8 sem. hrs.</u>
TOTAL	30 sem. hrs.

Total minimum semester hours: 124

*These courses are the academic prerequisites for Texas PA programs. A grade of "C" or better must be made in all Biology courses applying to the major. You must also complete 8 credits of a Fine Arts Experience (UMHB 1005).

For additional information, please write or call:

Department of Biology
 900 College St., UMHB Station Box 8432
 Belton TX 76513
 (254)295-4214

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