

UNIVERSITY OF MARY HARDIN-BAYLOR
Teacher Certification (8-12) in Life Science—DEGREE PLAN

FRESHMAN YEAR (must include 2 semesters of Fine Arts Experience – UMHB 1005)

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

SOPHOMORE YEAR (must include 2 semesters of Fine Arts Experience – UMHB 1005)

BIOL 2170/2171: Research Methods.....	2 sem. hrs.
BIOL Physiology elective BIOL 2330 or 2340/2140 2380/2180	3-4 sem. hrs.
BIOL elective with lab	4 sem. hrs.
*CHEM 3410: Organic Chemistry I.....	4 sem. hrs.
EDUC 2311: Classroom Technology.....	3 sem. hrs.
EDUC 3315: Students & Learning	3 sem. hrs.
PSYC 1301: General Psychology.....	3 sem. hrs.
English Literature	6 sem. hrs.
Physical Education (activity course)	1 sem. hrs.
Religion (CSBS 1311 or 1312).....	3 sem. hrs.
Chapel (2 semesters).....	<u>0 sem. hrs.</u>
TOTAL	32-33 sem. hrs.

JUNIOR YEAR⁺ (must include 2 semesters of Fine Arts Experience – UMHB 1005)

BIOL 3310/3110: Genetics	4 sem. hrs.
Biology Upper Level with Lab Elective	4 sem. hrs.
Biology Elective	3-4 sem. hrs.
*WRIT 3344: Scientific Writing.....	3 sem. hrs.
World Ideas or Philosophy or Non-US History	3 sem. hrs.
HIST 2311 or 2312: American History	3 sem. hrs.
Religion (CSBS 1311 or 1312).....	3 sem. hrs.
*MATH 2303 Statistics.....	3 sem. hrs.
Fine Arts (FINA 2330 recommended)	3 sem. hrs.
EDUC 4316: Curriculum Design	3 sem. hrs.
EDUC 4324: Classroom Management	3 sem. hrs.
EDUC 4326: Disciplinary Literacy	<u>3 sem. hrs.</u>
TOTAL	38-39 sem. hrs.

SENIOR YEAR⁺ (must include 2 semesters of Fine Arts Experience – UMHB 1005)

BIOL 4090: Senior Evaluation.....	0 sem. hrs.
BIOL 4194 Writing Capstone	1 sem. hrs.
BIOL 4195: Seminar Capstone	1 sem. hrs.
BIOL 4370/4170: Applied Ecology	4 sem. hrs.
Biology Electives.....	2-3 sem. hrs.
State & Federal Government I or II	3 sem. hrs.
EDUC 4385: Educational Internship.....	3 sem. hrs.

STUDENT TEACHING (second semester of senior year)

**EDUC 4150: Certification Preparation Seminar	1 sem. hrs.
**EDUC 4505: 8-10 Student Teaching Lower Grades	5 sem. hrs.
**EDUC 4506: 10-12 Student Teaching Higher Grades	<u>5 sem. hrs.</u>
TOTAL	25-26 sem. hrs.

Total minimum semester hours: 125-128

*These courses are required support courses for the Biology major. +Some of these courses should be taken during the summers in order to assure a reasonable course load during the regular semesters. **Taken as a block in the final semester without any other day courses. A grade of "C" or better must be made in all Biology courses applying to the major. Cumulative GPA must be a minimum of 2.75. A minimum 3.0 GPA and no grade lower than a "C" is required in academic support and education courses. For additional information, please write or call: *Department of Biology, 900 College St., UMHB Station Box 8432, Belton TX 76513; (254)295-4214*

Revised Feb 2015