

Bachelor of Science in **BIOLOGY**

NAME _____

DATE _____

GENERAL EDUCATION (42 credits)**BASIC LITERACY (9)**

COMM 1260 Oral Communication (3) _____

*ENGL 1220 Principles of College Writing II (3) _____

*MATH 2610 Statistics (3) _____

ARTS & HUMANITIES (12)**One of the following (3):**

POLS 2700 Intro to Political Science (3; F) _____

POLS 2720 American Government (3; Sp) _____

One of the following (3):

§HUMA 1450 World Civilizations I (3; F) _____

§HUMA 1460 World Civilizations II (3; Sp) _____

One of the following (3):

*§ENGL 3220 World Literature (3; OF, Sp) _____

§MUSI 3690 Music in World Cultures (3) _____

HUMA 2440 Fine Arts in Western Culture (3) _____

One of the following (3):

HIST 2330 US History to 1877 (3; F) _____

HIST 2340 US History from 1877 (3; Sp) _____

ENGL XXXX Any Literature (3) _____

*§LANG 2XXX or 3XXX modern foreign language (3) _____

MUSI 1600 Music in History and Context (3; Sp) _____

PHIL 3010 Philosophy and Critical Thought (3) _____

SCIENCES & SOCIAL SCIENCES (12 credits)

BIOL 1510 General Biology I (4; F) _____

BIOL 1520 General Biology II (4; Sp) _____

PHED 1100 Fitness and Wellness (1) _____

PSYC 1600 Intro to Psychology (3) _____

BIBLICAL STUDIES (9 credits)

BIBL 1300 Literature of the Old Testament (3) _____

BIBL 1310 Literature of the New Testament (3) _____

*CORE 2000 Engaging Faith & Society (3) _____

LEAD 2000 Service Seminar (0) _____

FYE is required for incoming students with fewer than 24 credits, and will count as an unrestricted elective.

**Course has prerequisites; consult course descriptions in catalog*

Cross-Cultural Double Dip (0-6 credits)

§HUMA 1450 World Civ I or HUMA 1460 World Civ II (3) _____ in GE

Students must complete 6 credits of cross-cultural courses. Look for courses on this sheet with § or refer to catalog for a complete list.

REQUIRED PREREQUISITE

*#MATH 1830 Precalculus (3; Sp)

#This course may be waived with dept. chair permission. If course is taken, it will count toward unrestricted elective credits

MAJOR REQUIREMENTS (57 credits)**COMMON COURSES (47 credits)**

*BIOL 3110 Cell & Molecular Biology (4; F) _____

*BIOL 3120 Genetics (4; Sp) _____

*BIOL 3240 Ecology (4; F) _____

*BIOL 4310 Microbiology for Biology Majors (4; F) _____

*BIOL 4550W Senior Seminar (3; Sp) _____

CHEM 1510 General Chemistry I (4; F) _____

*CHEM 1520 General Chemistry II (4; Sp) _____

*CHEM 2510 Organic Chemistry I (4; F) _____

*CHEM 2520 Organic Chemistry II (4; Sp) _____

*MATH 2430 Calculus I (4; F) _____

*PHYS 2110 General Physics I (4; F) _____

*PHYS 2120 General Physics II (4, Sp) _____

BIOLOGY ELECTIVES (10 credits)

Choose from the following (must include one lab class):

*BIOL 3550 Biochemistry (4; Sp) _____

*BIOL 3600 Special Topics in Biology (3; Sp) _____

*BIOL 4110 Immunology (3; EF) _____

*BTEC 3700 Biotechnology: Ethics & the Reg. Env. (3; OS) _____

*BIOL 3100 Marine Biology (4; Su) _____

*BIOL 4730 Biology Internship (1-3) _____

Au Sable Institute Courses and other non-Simpson courses approved by the Biology department and Registrar may also be used.

PRE-HEALTH SPECIALIZATION (8-12 credits)***Optional***

*BIOL 1310 Human Anatomy (4; F) _____

*BIOL 1320 Human Physiology (4; Sp) _____

*BIOL 3550 Biochemistry (4; Sp) _____ Elective

ELECTIVES* (18 if Precalculus is taken; 21 if not taken)

(Max transfer electives =33-36)

TOTAL PROGRAM

General Education 42

Biology Major (at least **24 UPPER DIVISION**) 57

Electives 21

TOTAL (at least 30 UPPER DIVISION) 120