

Student Number: \_\_\_\_\_ E-mail: \_\_\_\_\_ Advisor: \_\_\_\_\_  
 Date Plan Prepared: \_\_\_\_\_

Classification: F SO J SR PG Sem/Yr of Anticipated Graduation: \_\_\_\_\_

**COLLEGE CORE REQUIREMENTS (44-47 HOURS)**

COURSE CREDIT SEM TRANSFER GRADE

**ENGLISH—12-14 hours**

EN 100 English Composition I 3-4 \_\_\_\_\_  
 or EN 110 English Composition I-Honors

EN 101 English Composition II 3-4 \_\_\_\_\_  
 or EN 111 English Composition II-Honors

**Select one from any 200-level literature course.** EN 200 is recommended for students who take EN 100/EN 101 Intensive.

EN \_\_\_\_\_ 3 \_\_\_\_\_

**Select one 200-level or above 3-hour EN course.**

EN \_\_\_\_\_ 3 \_\_\_\_\_

**HISTORY--6 hours.** Select 2 from the following courses.

HI 110 Western Civilization I \_\_\_\_\_  
 HI 111 Western Civilization II 3 \_\_\_\_\_  
 HI 210 Early U.S. History \_\_\_\_\_  
 HI 211 Modern U.S. History 3 \_\_\_\_\_

**SOCIAL/BEHAVIORAL SCIENCE--6 hours.** Select any course with CJ, EC, GG, PS, or SO prefix

\_\_\_\_\_ 3 \_\_\_\_\_

PY 100 Intro to Psychology 3 \_\_\_\_\_

**BIBLICAL STUDIES—6 hours.** Select 2 from the following courses.

RL 100 Old Testament I \_\_\_\_\_  
 RL 101 Old Testament II 3 \_\_\_\_\_  
 RL 200 New Testament I \_\_\_\_\_  
 RL 201 New Testament II 3 \_\_\_\_\_

**BIOLOGICAL SCIENCE—6+2 hours.** Met in major requirements.

**PHYSICAL SCIENCE—3-4 hours.** Met in major requirements.

**MATHEMATICS—6-7 hours**

MA 110 College Algebra 3-4 \_\_\_\_\_

MA 111 Trigonometry 3 \_\_\_\_\_

**OR**

**STUDENTS MAJORING IN BIOLOGY-WITH PRE-PHARMACY EMPHASIS MUST TAKE**

MA 140 Elementary Statistics 3 \_\_\_\_\_

MA 230 Calculus and Analytical Geometry I 3 \_\_\_\_\_

**FINE ARTS—3 hours.** Choose from AR 142, MU 142, ST 142, or ST 210

\_\_\_\_\_ 3 \_\_\_\_\_

**Physical Fitness—2 hours**

PE 127 Fitness for Life—Cardio \_\_\_\_\_

Or PE 128 Fitness for Life--Resistance 1 \_\_\_\_\_

Any Activity Course with PE prefix \_\_\_\_\_

PE \_\_\_\_\_ 1 \_\_\_\_\_

**Elective—3 hours**

\_\_\_\_\_ 3 \_\_\_\_\_

**MAJOR REQUIREMENTS (45-46 HOURS)**

Biology majors must complete all Major required courses and all required courses in at least one of the 3 emphases listed below.

COURSE CREDIT SEM TRANSFER GRADE

BY 188 General Biology I for Majors & Lab 3+1 \_\_\_\_\_

BY 189 General Biology II for Majors & Lab 3+1 \_\_\_\_\_

BY 300 General Microbiology & Lab 3+1 \_\_\_\_\_

BY 335 Cell Biology & Lab 3+1 \_\_\_\_\_

BY 340 Fundamentals of Zoology & Lab 3+1 \_\_\_\_\_

BY 366 Genetics & Lab 3+1 \_\_\_\_\_

BY 470 Senior Seminar 1 \_\_\_\_\_

**MEDICAL SCIENCES EMPHASIS (21 HOURS)**

BY 390 Human Anat. & Phys. I & Lab 3+1 \_\_\_\_\_

BY 391 Human Anat. & Phys. II & Lab 3+1 \_\_\_\_\_

BY 405 Bioethics 3 \_\_\_\_\_

BY 425 Medical Terminology 2 \_\_\_\_\_

BY 460 Pathophysiology 3 \_\_\_\_\_

BY 480 Internship in Medical Science 1 \_\_\_\_\_

**Select one class with lab (4 hours) from the following.**

BY 310 Plant Morphology & Lab 3+1 \_\_\_\_\_

BY 317 Systematic Botany & Lab \_\_\_\_\_

BY 414 Ecology & Lab \_\_\_\_\_

**PRE-PHARMACY EMPHASIS (20-21 HOURS)**

BY 392 Human Physiology & Lab 3+1 \_\_\_\_\_

BY 405 Bioethics 3 \_\_\_\_\_

BY 430 Immunology 3 \_\_\_\_\_

BY 432 Medical Microbiology 3 \_\_\_\_\_

\_\_\_\_\_ (Elective) 3-4 \_\_\_\_\_

**Select one class with lab (4 hours) from the following.**

BY 310 Plant Morphology & Lab \_\_\_\_\_

BY 317 Systematic Botany & Lab 3+1 \_\_\_\_\_

BY 414 Ecology & Lab \_\_\_\_\_

**WILDLIFE BIOLOGY EMPHASIS (20 HOURS)**

BY 310 Plant Morphology & Lab 3+1 \_\_\_\_\_

BY 317 Systematic Botany & Lab 3+1 \_\_\_\_\_

BY 414 Ecology & Lab 3+1 \_\_\_\_\_

BY 423 Comparative Vertebrate Anat & Lab 3+1 \_\_\_\_\_

\_\_\_\_\_ (Elective) 3-4 \_\_\_\_\_

**Additional requirements on following page**

BLUE MOUNTAIN COLLEGE  
DEPARTMENT OF MATHEMATICS & NATURAL SCIENCES  
Degree Plan (10) February 2021

Student Name: \_\_\_\_\_

Bachelor of Science  
BIOLOGY | 123-135 HOURS  
TRACK A

**ADDITIONAL REQUIRED SCIENCE COURSES—All Emphases (16 hours)**

CH 194 General Chemistry I & Lab      3+1      \_\_\_\_\_  
 CH 195 General Chemistry II & Lab      3+1      \_\_\_\_\_  
 CH 330 Organic Chemistry I & Lab      3+1      \_\_\_\_\_  
 CH 331 Organic Chemistry II & Lab      3+1      \_\_\_\_\_

**MINOR:** \_\_\_\_\_  
REQUIREMENTS (18-26 HOURS)

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ELECTIVES (0-11)

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**PROFICIENCIES MET?**

AREA	SEMESTER MET
Math	_____
English	_____
Junior ETS	_____

25% of degree hours earned at BMC? \_\_\_\_\_

25% x \_\_\_\_\_ (total hours) = \_\_\_\_\_

OTHER COLLEGES ATTENDED:

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\_\_\_\_\_

TOTAL TRANSFER HOURS	_____
TOTAL UPPER LEVEL HOURS	_____
CORE HOURS	_____
MAJOR HOURS	_____
MINOR HOURS	_____
ELECTIVE HOURS	_____
<b>TOTAL HOURS EARNED</b>	_____

Additional degree requirements are outlined in the BMC Catalog