

BMB Worksheet for Majors

Name: _____

Overall credits left: _____ / _____ semesters = _____ average credits per semester

Foundational Courses

Must earn a **grade of C or better**:

Intro Bio (Cellular Bio and Genetics) Bio 151 (4CR) _____

Intro Bio (Diversity, Physiology, Evolution) Bio 152 (3CR) _____

Intro Bio Laboratory Bio 153 (2CR) _____

Note: a 4-CR course equivalent to Bio 151+lab or Bio 152+lab completes this requirement

Must earn a **grade of C- or better**:

General Chemistry I Chem111/121H (4CR) _____

General Chemistry II Chem 112/122H (4CR) _____

Calculus I Math 127 (3CR) or Math 131 (4CR) _____

Calculus II Math 128 (3CR) or Math 132 (4CR) _____

Note: must have a **GPA of 2.5 or above among these four courses** in addition to C- or better**GenEds not satisfied through major:**

College Writing (EngWrit112)

AT (arts)/AL (literature)

HS (historical studies)

SB (social and behavioral studies)

Social World (AT, AL, SB, I, or SI)

DG (global diversity)

DU (United States diversity)

Second Year Core Courses

Must earn a **grade of C- or better**:

Organic Chemistry I Chem 261 (3CR) _____

Organic Chemistry II Chem 262 (3CR) _____

Organic Chemistry Laboratory Chem 269 (2CR) _____

Note: a 1-CR Organic Chemistry lab may be accepted toward the major, but is usually not sufficient for med/health/grad school programs

Math: Intermed. Stats or Math 233 (Calc III) or ResEcon212 Stats 240 (4CR) _____

Physics I: Mechanics Physics 131 or 151 (4CR) _____

Physics II: Electricity and Magnetism Physics 132 or 152 (4CR) _____

Molecular and Cellular Biology Biochem 285 (3CR) _____

Prerequisites: Bio 151, 152 and Chem 111, 112

Note: Must earn a **grade of B- or better** in Biochem 285. AnSci 285 and Bio 285 are equivalents.

Biochemistry Laboratory, writing intensive Biochem 376 (3CR) _____

Integrative Experience Biochem 394RI (3CR) _____

Genetics AnSci/Bio/Biochem 311 _____ (*Biochem version is spring only*)

General Biochemistry Biochem 423 (3CR) _____

Prerequisites: Biochem 285 with B- or better, Chem 261 and 262 or equivalents with C- or better

Thermo and Quantum Mechanics (Pchem) Biochem 471 (3CR) _____

Prerequisites: Chem 112 and Physics 132 and Math 128, all with C- or better

Courses that require Biochem 423 (C- or better):

General Biochemistry II Biochem 424 (3CR) _____

Biochemistry Writing Seminar (Jr. Year Writing) Biochem 430H (3 CR) _____

Advanced Biochemistry Lab Biochem 426 (4CR) _____

Prerequisites: Biochem 376 lab and Biochem 423

Advanced Electives in Biochemistry: 3 approved classes in fields related to Biochemistry at the 300 level or higher:

Biochemistry Major Courses