BMB Worksheet for Majors

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

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

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:

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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)