Required Prerequisite Courses: all of the following:
☐ Biology: BIOL 1107 (4 cr.)
☐ Calculus: MATH 1131Q and MATH 1132Q (8 cr.)
☐ Chemistry: CHEM 1127Q and 1128Q or CHEM 1147Q and CHEM 1148Q (8 cr.)
or CHEM 1124Q, CHEM 1125Q, CHEM 1126Q (10 cr.)
☐ Physics: PHYS 1401Q and 1402Q or PHYS 1501Q and 1502Q or PHYS 1601Q and 1602Q (8 cr.)

Required Courses in the Major: all of the following:
☐ MATH 2110Q Multivariable Calculus or ☐ MATH 2130Q Honors Multivariable Calculus (4 cr.)
☐ MATH 2210Q Applied Linear Algebra or
☐ MATH 2410Q Elem. Differential Equations or ☐ MATH 2420Q Honors Differential Equations (3 cr.)
☐ CHEM 2445 Organic Chemistry Lab (3 cr.)
☐ MCB 3003 Biophysical Chemistry I (3 cr.)
☐ MCB 3004 Biophysical Chemistry II (3 cr.)
☐ MCB 3010 Biochemistry (5 cr.)
or both ☐ MCB 2000 Intro. to Biochem. (4 cr.) and ☐ MCB 4026W Advanced Biochemistry Lab (4 cr.)
☐ MCB 4008 Techniques of Biophysical Chemistry (3 cr.)
☐ MCB 4009 Structure and Function of Biol. Macromolecules (3 cr.)

Writing in the Major: complete at least one of the following:
☐ CHEM 3170W Technical Communications (3 cr.)
☐ CHEM 4196W Thesis for UG Chem. Majors (3 cr.)
☐ MCB 3841W Research Literature in MCB (3 cr.)
☐ MCB 3842W Investigations in Cancer Cell Biology (3 cr.)
☐ MCB 3843W Research Lit. in Comp. Genomics (3 cr.)
☐ MCB 3845W Microbial Diversity, Ecology & Evol. (3 cr.)
☐ MCB 4026W Advanced Biochemistry Laboratory (4 cr.)
☐ MCB 4997W Honors Research Thesis in MCB (3 cr.)

36-Credit Group: Complete at least 36 credits of 2000-level or higher courses, which must include required courses listed above and may include recommended courses listed below, with an average GPA of at least 2.0.

Recommended Courses:
☐ Organic Chemistry: CHEM 2443 (3 cr.) and CHEM 2444 (3 cr.)
☐ CHEM 3332: Quantitative Analytical Chemistry (4 cr.)
☐ CHEM 4551: Introduction to Quantum Chemistry (3 cr.)
☐ MATH 3210: Linear Algebra (3 cr.)
☐ Introduction to Research: MCB 3989 or MCB 4989
☐ Cell Biology: MCB 2210 or MCB 2215 or MCB 3201 (3 cr.)
☐ Genetics: MCB 2410 (3 cr.) or MCB 3412 (3 cr.) or MCB 3413 (4 cr.)
☐ Microbiology: MCB 2610 (4 cr.) or MCB 3617 (4 cr.)
☐ MCB 3421: Introduction to Molecular Evolution and Bioinformatics (3 cr.)

___ credits in _____________  ___ credits in _____________  ___ credits in _____________
___ credits in _____________  ___ credits in _____________  ___ credits in _____________
___ credits in _____________  ___ credits in _____________  ___ credits in _____________

Credits to date: _____  Current GPA: _____