Molecular and Cell Biology Major – Worksheet
Last revised: February 2019

Student Name (print) ____________________________ Student ID: __________________ Date ________________

Introductory Biology:
☐ BIOL 1107 Principles of Biology I (4 cr.)

MCB Core Courses: complete all of the following:
☐ MCB 2210 Cell Biology (3 cr.)
☐ MCB 2410 Genetics (3 cr.) or ☐ MCB 2400 Human Genetics (3 cr.)
☐ MCB 2610 Fundamentals of Microbiology (4 cr.)
☐ MCB 2000 Introduction to Biochemistry (4 cr.) or ☐ MCB 3010 Biochemistry (5 cr.)

Writing in the Major: complete at least one of the following:
☐ MCB 3022W Human Disease (3 cr.)
☐ MCB 3841W Research and Literature in MCB (3 cr.)
☐ MCB 3842W Current Investigations in Cancer Cell Biology (3 cr.)
☐ MCB 3845W Microbial Diversity, Ecology and Evolution (3 cr.)
☐ MCB 3996W Research Thesis in MCB (3 cr.)

Laboratory Requirement: complete at least one of the following:
☐ MCB 2225 Cell Biology Laboratory (4 cr.)
☐ MCB 3189 Clinical Research Lab (3 cr.)*
☐ MCB 3220 Developmental Biology Lab (4 cr.)
☐ MCB 3413 Concepts of Genetic Analysis (4 cr.)
☐ MCB 3633 Pathogenic Microbiology (4 cr.)
☐ MCB 3989 Introduction to Research (3 cr.)*
☐ MCB 4026W Advanced Biochem. Lab (4 cr.)
☐ MCB 4624 Experiments in Bacterial Genetics (3 cr.)
☐ MCB 4989 Introduction to Honors Research (3 cr.)*

*Three total credits required. May be repeated, but only 3 cr. from among these courses may count toward the 24 cr. of required MCB courses.

Organic Chemistry: complete both of the following:
☐ CHEM 2443 Organic Chemistry I (3 cr.)
☐ CHEM 2444 Organic Chemistry II (3 cr.)

24-Credit Group: Complete at least 24 credits of 2000-level or higher courses in MCB, of which at least 9 credits are at the 3000-level or above, with an average GPA of 2.0 or higher. The 24-credit group includes courses from the MCB core, writing in the major, and laboratory requirements above.

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

Credits to date: ________
Current GPA: ________

Related Group: Complete at least 12 credits of 2000-level or higher related courses.
☐ 3 credits in CHEM 2443  ___ credits in _____________  ___ credits in _____________
☐ 3 credits in CHEM 2444  ___ credits in _____________  ___ credits in _____________