Molecular and Cell Biology Major – Worksheet

Last revised: April 2016

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<th>Student Name (print)</th>
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**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 3996W Research Thesis in MCB (3 cr.)
- ☐ MCB 4026W Advanced Biochemistry Lab (4 cr.)
- ☐ MCB 4997W Honors Research Thesis in MCB (3 cr.)
- ☐ EEB 2244W General Ecology (4 cr.)
- ☐ EEB 2245W Evolutionary Biology (4 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.)*
- ☐ EEB 2244W General Ecology (4 cr.)
- ☐ EEB 2245W Evolutionary Biology (4 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 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.

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Credits to date: ______
Current GPA: ______

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

Credits to date: ______