



## MICROBIOLOGY AND MOLECULAR BIOLOGY Minors MAP Sheet

Department of Microbiology and Molecular Biology

For students entering the minor programs during the 2014–2015 curricular year.

MICROBIOLOGY MINOR (285102) (13-15 hours, plus prerequisites in coupled major)	MOLECULAR BIOLOGY MINOR (285103) (14 hours, plus prerequisites in coupled major)
<p><b>Complete the following:</b></p> <p>MMBio 151 Introduction to Microbiology 4.0 MMBio 261 Infection and Immunity 3.0</p> <p><b>Complete two courses from the following (at least one must have a lab component):</b></p> <p>MMBio 360+ Microbial Genetics 4.0 MMBio 363+ Microbial Ecology 3.0 MMBio 364+ Bacterial Pathogenesis 4.0 MMBio 461 Advanced Bacterial Physiology 3.0 MMBio 463 Immunology 3.0 MMBio 465 Virology 3.0</p> <p><b>+Note:</b> For MMBio 360, 363, and 364, lab registration is automatic and included in the course with the lecture.</p>	<p><b>Complete the following:</b></p> <p>MMBio 441 Advanced Molecular Biology 3.0 MMBio 442 Advanced Molecular Biology Laboratory 2.0 MMBio 468 Genomics 3.0</p> <p><b>Complete at least 6 hours from the following:</b></p> <p>Bio 463 Genetics of Human Disease 3.0 Bio 465 Bioinformatics &amp; Proteomics 3.0 Chem 463 Physical Chemistry 3.0 Chem 468 Biophysical Chemistry 3.0 Chem 481 Biochemistry 3.0 Chem 482 Mechanisms of Molecular Biology 3.0 Chem 581 Advanced Biochemical Methodology 1 3.0 Chem 584 Biochemistry Laboratory/Proteins 3.0 Chem 586 Biochemistry Laboratory/Nucleic Acids 3.0 MMBio 151 Introduction to Microbiology 4.0 MMBio 261 Infection and Immunity 3.0 MMBio 360 Microbial Genetics 4.0 MMBio 364 Bacterial Pathogenesis 4.0 MMBio 430 Advanced Cell Biology 3.0 MMBio 463 Immunology 3.0 MMBio 465 Virology 3.0 MMBio 466 Virology Laboratory 1.0 MMBio 467 Immunology Lab 1.0 MMBio 494R Mentored Research (<i>strongly</i> recommended) 3.0V MMBio 510 History of Microbiology and Molecular Biology 2.0 MMBio 513 Philosophy of Biology 2.0 MMBio 515 RNA-Mediated Gene Regulation 2.0 MMBio 518 Select Pathogens 2.0 PDBio 482 Developmental Biology 3.0 PDBio 582 Developmental Genetics 3.0</p> <p><b>Note:</b> Be aware of prerequisites for the above courses (usually filled in a coupled major).</p>

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