

Graduate Elective Courses

The following is a list of acceptable courses to fulfill the elective requirements of the Microbiology graduate degree. This list is not exhaustive; other classes suitable to the student's interests and research project can serve as elective courses with the approval of the student's Advisory Committee.

Course Number	Course Title	Credit Hrs	Term*
MICRBIOL 5147	Eukaryotic Pathogens	3	Au
MICRBIOL 5155	Environmental Microbiology	3	Au
MICRBIOL 5270	Antibiotics and Natural Products	3	Sp
MICRBIOL 6797	Study at a Foreign Institution	1-17	
MICRBIOL 6798	Study Tour at a Domestic or Foreign Institution	1-17	
MICRBIOL 7010	Cellular and Molecular Immunology	3	Sp
MICRBIOL 7060	Advanced Topics in Molecular Microbiology	2	Sp
MICRBIOL 7070	Antibiotics	3	Sp
MICRBIOL 7536	Advanced Food Microbiology	2	
MICRBIOL 7724	Molecular Pathogenesis	3	Au
MICRBIOL 8050	The RNA World	2	Au
MICRBIOL 8193	Individual Studies	1-5	Au,Sp
BIOCHEM 5613	Biochemistry and Molecular Biology I	3	Sp
BIOCHEM 5614	Biochemistry and Molecular Biology II	3	Au
BIOCHEM 5615	Biochemistry and Molecular Biology III	3	Sp
BIOCHEM 6761	Advanced Biochemistry: Macromolecular Structure and Function	3	Au
BIOCHEM 6762	Advanced Biochemistry: Enzymes	1.5	Sp
BIOCHEM 6763	Advanced Biochemistry: Membranes and Lipids	1.5	Sp
BIOCHEM 7770	Advanced Biochemistry: Protein Engineering	2	Sp
BIOCHEM 8900	Advanced Biochemistry: Biomolecular NMR	2	
MOLGEN 5623	Genetics and Genomics	2	Sp
MOLGEN 5630	Plant Physiology	3	Au
MOLGEN 5700	Systems of Genetic Analysis	3	Au
MOLGEN 5701	DNA Transactions and Gene Regulation	4	Au
MOLGEN 5705	Advances in Cell Biology	2	Sp
MOLGEN 5715	Developmental Genetics	2	Sp
MOLGEN 5735	Plant Biochemistry	3	Sp
MOLGEN 5796	Current Topics in Signal Transduction	2	
MOLGEN 7741	Molecular Biology and Pathogenesis of Viruses	4	Au
MOLGEN 7807	Gene Expression: Post-transcriptional Control	3	Sp
EARTHSC 5194	Group Studies-Geomicrobiology	3	Au

* Typical term in which the course has been taught. Check the OSU Class Search for current course offerings