

CELLULAR, MOLECULAR, AND MICROBIAL BIOLOGY M.S. - MICROBIOLOGY AND IMMUNOLOGY

BIOM 540	Microbial Pathogenesis
Total Hours	30

MASTER OF SCIENCE - CELLULAR, MOLECULAR, AND MICROBIAL BIOLOGY; MICROBIOLOGY AND IMMUNOLOGY CONCENTRATION

Degree Specific Credits: 30

Required Cumulative GPA: 3.0

- All CMMB M.S. students have a common set of requirements: students must take a total of 30 semester credits, including 20 semester credits of courses (includes any course other than Thesis and Research).
- At least half of the non-thesis and non-research credits toward the degree must be at the 500 or 600 level.
- The following credit limitations apply:
 - A maximum of 6 credits of Special Topics (BCH 595, BIOB 595 and BIOM 595).
 - A maximum of 6 credits of Independent Study (BIOB 596, and BIOM 596).
 - A maximum of 10 credits of research and thesis (BCH 597, BIOB 597, BCH 599, and BIOM 599).

Course Requirements

Code	Title	Hours
Core Courses		
Complete all of the following courses:		
BCH 570 or BIOM 570	Intro to Research	1
BIOB 547	Experimental Molecular, Cellular, and Chemical Biology	2
BIOM 594	Molecular and Biomedical Sciences Seminar	4
Electives, Research, and Thesis		
Complete 23 credits of elective courses.		23
Elective courses can include any graduate-level course in General Biology (BIOB), Microbiology (BIOM), and Biochemistry (BCH). Suggested courses include:		
BCH 582	Proteins and Enzymes	
BCH 584	Nucleic Acids	
BCH 597 or BIOM 597 Research	Research	
BCH 599 or BIOM 599 Thesis	Thesis	
BCH 600	Cell Organization & Mechanisms	
BIOM 502	Advanced Immunology	