

COMPARATIVE BIOMEDICAL SCIENCES, MASTER OF SCIENCE (M.S.)

Applicants with a minimum of B.S. or equivalent degree in biological sciences may be admitted to the Master of Science (M.S.) program. The CBSC M.S. program requires a minimum of 30 credits of coursework beyond the B.S. degree, including 6 credits of Master's Thesis Research (VMSC799; credits greater than 6 of this course will not be counted for degree requirement). A minimum of 12 credits must be earned in coursework at the 600 level or higher. Students must maintain an overall GPA of 3.0 or better in courses taken for graduate credit.

Master program requirements

The plan of study must be approved by the Advisor and the Graduate Admissions and Examination Review Committee before the end of the first semester of enrollment. By the end of the second semester, the student should have an Advisory Committee formed. A thesis based on independent and original research must be submitted to the CBSC Program and the Graduate School. The student must present the thesis in a public seminar and pass a final oral examination given by the Advisory Committee.

The non-thesis Master of Science degree option is available only for doctoral students who wish to leave the graduate program without completing the Ph.D., but have finished all course work required. External applications for the non-thesis master's option are not accepted. One scholarly paper must be written and approved by the student's Advisor.

Course	Title	Credits
BISI712	Responsible Conduct of Research for Biologists	1
VMSC698	One Health Seminar	4
VMSC758	Journal Club in Comparative Biomedical Sciences (Journal Club in Comparative Biomedical Sciences)	4
VMSC799	Thesis Research	6
Restricted Electives (Choose at least 10 credits from courses below):		10
VMSC610	Recombinant Viral Vectors	
VMSC660	Emerging and Re-emerging Infectious Diseases	
VMSC670	Molecular Epidemiology of Infectious Diseases (Molecular Epidemiology of Infectious Diseases)	
VMSC689	Use of Genomics and Proteomics in Infectious Disease	
VMSC720	Viral Pathogenesis	
VMSC760	Immunology of Infectious Diseases	
Additional Credits (from restricted electives or other courses with advisor's approval)		5
Total Credits		30