

MASTER OF SCIENCE IN CELL AND MOLECULAR BIOLOGY

Plan A Effective Fall 2019

Code	Title	Credits
BC 563	Molecular Genetics	4
BC 565	Molecular Regulation of Cell Function	4
CM 510	Introduction to Cell and Molecular Biology	1
CM 595	Independent Study ¹	1-3
CM 699	Thesis ¹	1-4
CM 792	Cell and Molecular Biology Seminar ²	1-2
CM 793	Seminar ²	1-2
GRAD 550	STEM Communication	1
MIP 611	Advanced Microbiological Research Methods	4
Ethics Elective (see list below)		1-3
Electives ³		4-11
Program Total Credits:		30

Ethics Electives

Code	Title	Credits
Select at least one course from the following:		
BC 601	Responsible Conduct in Biochemistry	1
CM 601	Responsible Conduct of Research in CMB	1
CM 666/PHIL 666	Science and Ethics	3
GRAD 544	Ethical Conduct of Research	1
MIP 654	Research Policies and Regulations	1
NSCI 575/GRAD 575	Ethical Issues in Big Data Research	1

A minimum of 30 credits are required to complete this program.

¹ Minimum 1 credit for each CM 595 and CM 699, with additional credits as needed to bring degree total to 30 credits, with approval of their graduate advisory committee.

² Student must take this course each year in spring or fall semester.

³ At least 4 credits in regular graduate-level courses, with approval of their graduate advisory committee.