

# CELL BIOLOGY M.S.

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Our understanding of cellular and molecular systems is increasing at a breakneck pace. So is the demand for professionals trained in mapping genomes, manipulating cells and developing biotech that can save lives and safeguard our planet. With a cell and molecular biology master's degree, you'll learn the cutting-edge techniques and technologies being used in industry and private research labs and conduct research alongside world-class faculty. Choose from three tracks based on your needs and goals:

- A thesis option focused on research
- A non-thesis option that requires coursework only
- A non-thesis professional option with management and business courses

Code	Title	Hours
<b>Thesis:</b>		
BIO 801	Scientific Discourse	1
BIO 624	Biotechnology	4
BIO 624L	Biotechnology Lab	0
BIO 767	Cell Biology Methods Lab	2
BIO 786	Research Ethics	1
BIO 861	Cell and Molecular Biology	3
BIO 887	PhD Colloquium	1
BIO 897	Scientific Proposals	2
MAT 704	Statistics for Research	3
BIO 799	Master's Research	10
<b>Total Hours</b>		<b>27</b>

Code	Title	Hours
<b>Non-Thesis</b>		
BIO 801	Scientific Discourse	1
BIO 624	Biotechnology	4
BIO 624L	Biotechnology Lab	0
BIO 767	Cell Biology Methods Lab	2
BIO 786	Research Ethics	1
BIO 861	Cell and Molecular Biology	3
BIO 887	PhD Colloquium	1
BIO 897	Scientific Proposals	2
MAT 704	Statistics for Research	3
12 credits from the following:		12
BIO 770	Advanced Topics in Biology	
BIO 790	Independent Study	
CBI 815	Cancer Biology	
CBI 880	Molecular Screening	
CHM 728	Advanced Biochemistry	