

# Cell & Molecular Biology

## List of Courses

CH

### First Year Department Requirement:

BIOL 66200	Ethics	1
BIOL 66300	Oral Presentations	1
BIOL 69500PD	Tchg Asst Prof Development (for students TAing)	1

### Area Requirements

#### Scientific Writing ( $\geq 1$ ch)

MCMP 62500	Grant Writing	1
HORT 60300	Grant Writing	1

#### Quantitative Analysis in Biology (3ch)

STAT 50300	Statistical Methods of Biology	3
BIOL 59500	Experimental Design & Quantitative Analysis in Life Sciences (offered on-line -Summer)	3

#### Advanced Topics Seminar (1ch)

BIOL 69600	Eukaryotic Molecular Biology (Seminar)	1
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### Area Approved Elective Courses ( $\geq 9$ ch)

BIOL 55001	Introduction to Molecular Biology	3
BIOL 62000	Advanced Eukaryotic Cell Biology	3
AGRY 51100	Population Genetics	3
AGRY 60000	Genomics	3
ANSC 51400	Animal Biotechnology	3
BCHM 61100	Chromatin Biology & Chromosome Dynamics	3
BIOL 51600	Molecular Biology of Cancer	3
BIOL 53700	Immuobiology	3
BIOL 53800	Molecular, Cellular & Developmental Neurobiology	3
BIOL 59500	Theory of Molecular Methods	3
BIOL 59500	Pathways Human Health & Disease	3
BIOL 59500	CRISPR Mechanism and Application	3
BIOL 59500	Cell Biology of Plants	3
BIOL 60200	Cellular Neurobiology	3
HORT 55300	Plant Growth & Development	3