

Biology Education

List of Courses

First Year Department Requirement:		CH
BIOL 66200	Ethics	1
BIOL 66300	Oral Presentations	1
BIOL 69500PD	Tchg Asst Prof Development (for students TAing)	1

Area Selected (1st or 2nd year)

Scientific Writing

BIOL 69500	Professional Writing in Bio Ed	1
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Quantitative Analysis in Biology (3ch)

EDPS 55600	Intro. To Quantitative Data Analysis Methods in Education I	3
STAT 50300	Statistical Methods For Biology	3

Advanced Topics Seminar (1ch)

BIOL 69500	Biology Education Research Seminar	1
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Examples of Area Approved Electives (≥9ch), please consult with your advisor for approval of any BIOL 500/600

BIOL 58010	Teaching Evolution	3
BIOL 59500	Theory of Molecular Methods	3
BIOL 60200	Cellular Neurobiology	3
BIOL 62000	Advanced Topics in Eukaryotic Cell Biology	3
BIOL 65200	Advanced Ecology Discussion	1
BIOL 65300	Advanced Evolution Discussion	1

Additional Area Requirements to be completed by end of year 3, based on discussion with advisor (complete 3)

EDCI 51800	The Nature of Science in Science Teaching	3
EDCI 61500	Intro to Qualitative Research Methods in Education	3
EDCI 61600	Advanced Qualitative Research Methods in Education	3
EDPS 53300	Introducation to Education Research 1: Methodology	3
EDCI 53100	Learning Theories & Instructional Design	3
EDPS 53000	Advanced Educational Psychology	3
EDPS 53400	Introduction to Educational Reserch II: Measurement Consideration	3
EDPS 63300	Introduction to Quantitative Data Analysis Methods in Education I	3