

## PROGRAM STUDENT LEARNING OUTCOMES

2015

Through their coursework and research, students graduating with an M.S. in Biology from Cal State East Bay will be able to:	I.L.O. Alignment
1 Demonstrate an advanced understanding of and ability to apply information from a broad range of core biological concepts.	I.L.O. 1, 2, 6
2 Critically evaluate peer-reviewed publications in biology.	I.L.O. 1, 2, 6
3 Conduct original research (including appropriate experimental design, data analysis, and data interpretation) in a focused area of biology.	I.L.O. 1, 2, 6
4 Effectively communicate and defend scientific ideas in both written and oral formats.	I.L.O. 1, 2, 6