

Alignment Matrix: Biology courses and SLO for B.S./B.A. in Biology, Microbiology, and Fisheries, Wildlife and Conservation Biology

Course	SLOs	Activities
Biol 330: Public Health Biology	2, 4, 5 and 6	Clicker, online, Group work, discussion questions and Case Studies
Biol 500: Intro to Plant Physiology	1, 2, 3, 4 and 6	Group work, Paper presentations, Oral presentations, discussion questions, discussion of current research paper
Biol 510: Developmental Biology	1, 2, 3, 4, 5 and 6	Group work, paper presentation, Oral presentation, discussion questions, in class quizzes
Biol 529: Principles of Ecology	1, 2, 3, 5 and 6	Lecture, Clicker, online Group work, Discussion questions, practice problem sets, short writing assignments
Biol 530: Pathogenic Microbiology	1 and 2	Case Studies, integrated lab exercises
Biol 544: Mammology	1, 2, 3, 6 and 7 (FW&CB)	Group work, Lab exercises
Biol 545: Human Parasitology	1, 2, 3 4 and 5	Online, Group work, Oral presentations, Case Studies
Biol 546: Human Parasitology Lab	1, 2, 3, and 4	Group work, Case studies
Biol 604: Biology of Fungi	1, 2, 3, 4, 5, 6 and 7 (Micro)	Group work, paper presentations, Oral presentations, Discussion questions
Biol 612: Freshwater Ecology	1, 2, 3, 4, 5 and 7(FW&CB)	Paper presentations, Oral presentations, Discussion Questions and Minute papers
Biol 622: Cell Developmental Biology of the Nervous System	1, 2, 3, 4, 5 and 6	Group work, paper presentation, Oral presentation, discussion questions, in class quizzes
Biol 670: Immunology	2, 3, 4 and 6	Group work, Oral presentation, Class discussion, Case Studies, Homework, Call response
Biol 671: Immunology Lab	2, 3, 5 and 7 (micro)	Group Work, Laboratory Exercises
Biol 682: Fish Ecology	1, 2, 3, 5, 6 and 7(FW&CB)	Online quizzes, Groups work, Paper presentations, Discussion Questions, Case Studies, Field Trips and lab experiments
Biol 684: Wildlife Management and Tech.	2, 3, 4, 5, 6, and 7 (FW&CB)	Group work, Oral presentation, lab exercises
Biol 687: Microbiology Ecology	1, 2, 3, 4, 5, and 6	Paper presentations, Oral presentations, Discussion Questions and Minute papers
Biol 696: Fisheries Management and Tech.	1, 2, 3, 5, 6 and 7(FW&CB)	Online quizzes, Groups work, Paper presentations, Discussion Questions, Case Studies, Field Trips and lab experiments
Biol 730: General Virology	1, 2, 6 and 7 (micro)	Group work, paper presentation, Oral presentation, Discussion questions, games, Case Studies