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| logo_1.jpg College of Science (CSCI)  MAJOR: Biology, B.A./B.S.  CSCI EETF (Educational Effectiveness Task Force) |

**PROGRAM STUDENT LEARNING OUTCOMES**

2014

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| Students graduating with a Biology B.A/B.S from Cal State East Bay will be able to: | | | I.L.O. Alignment |
| 1 | Demonstrate how evolutionary processes give rise to the diversity and unity of life, from genomes to ecosystems. | | I.L.O. 6 |
| 2 | Explain the relationship between structure and function across all levels of biological organization, from ions to ecosystems. | | I.L.O. 6 |
| 3 | Clearly communicate biological information in a variety of formats (written, oral, graphical, computational) using a style appropriate for the intended audience. | | I.L.O. 1, 2, 6 |
| 4 | Apply methods of scientific inquiry—specifically, students will be able to formulate testable hypotheses, collect and analyze data, and report conclusions. | | I.L.O. 1, 6 |
| 5 | Gather, interpret, and evaluate published scientific information. | | I.L.O. 1, 6 |
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