

BIOL 330 / ES 344
STUDY DESIGN AND DATA ANALYSIS
University of Victoria – Spring 2020

Instructor: Dr. Terri Lacourse – tlacours@uvic.ca
Cunningham 155a
Office hours: By appointment

Lectures (ECS 124): Tues, Wed, Fri 11:30 AM–12:20 PM

Lab Instructor: Dr. Neville Winchester – winchest@uvic.ca

Labs: Tues, Wed, Thurs: 2:30–5:20 PM; Thurs 8:30–11:20 AM

Textbook: Whitlock, M. & Schluter, D. 2015. The Analysis of Biological Data. 2nd Ed. Roberts & Co.

Course website: BIOL 330 / ES 344 on coursespaces.uvic.ca

Learning Objectives: *At the end of the course:*

- 1. You demonstrate an ability to frame appropriate and testable hypotheses for a set of data.*
- 2. You demonstrate an ability to analyze and interpret a set of data in a statistically sound way, so that your interpretation will withstand scrutiny as being a logical and appropriate hypothesis test and interpretation of the data.*

Assessment of Grades:

Midterm Exam	20%	February 7
Lab Quizzes	15%	Three quizzes, each worth 5%
Research Project	25%	Presentation 5% (week of March 23), Report 20% (due Apr

