

**FIELD/LAB and HOMEWORK SCHEDULE**

Week	Activities in Field	Homework Due
A 24-28	<b><u>Lab I. Small Mammal Populations &amp; Vegetation</u></b> Hypothesis/Prediction/Exp. Designs Introduce SDP1 + Reading Primary Literature Select topic for SDP1 HW2: Mammals/Plants: Pair <i>Complete in lab</i>	Bring 2 copies of ID Read: Guidelines to Scientific Process HW 1: Hypothesis/Prediction/Exp. Design Read: Lab I. Small Mammals
A 30-S 4	<b><u>Lab II. Arthropod Abundance and Biomass</u></b> Group discusses SDP1 literature Introduce SDP1 Proposal Worksheet 1 HW4: Mammals' Habitat Choice: Pair <i>Complete in lab</i>	HW 3: Chi-sq. Test: Mammals' Habitat Choice Read: Lab II. Arthropod Abundance/Biomass Read: Lab IV-VI SDP1 Backgrd/Research ?s Print/read/bring one paper about SDP1 topic: see website.
S 8-11 LD=Sept 7 Mon AM = Tues 5-8 Mon PM = Wed 5-8	<b><u>Lab III. Computer Lab: Introduce Excel/Library</u></b> Review SPD1 Schedule + Due Dates (this page!) Group generates hypotheses/predictions → Complete WS4 Group discusses exp. design; generates sampling map SDP1 Library search: <i>Complete in lab</i> HW6: P1 Biomass & Arthr Abundance: <i>Complete in lab</i> Science Writing: Introduction	HW 5: Using EXCEL (Figures & <i>t-test</i> ) Review SDP1 Schedule + due dates (this page!) SDP1 Individual Proposal Worksheet 1
S 14-18	<b><u>Lab IV. SDP1-1</u></b> Group discusses abstracts + critiques Introduction outline Science Writing: Methods Group finalizes Group Proposal Worksheets 4, 5, 6 Generate labeled data sheet; discuss with TA Begin data collection → all data to each at end of lab	Email 3 abstracts to each in group + TA SDP1 Individual Proposal Worksheets 2, 3 Read: GUIDELINES: SCIENCE WRITING Read: GUIDELINES: MANUSCRIPT ORGANIZATION/DETAIL Read: GUIDE: SAMPLE MANUSCRIPT Outline of Manuscript Introduction Review: Grading Rubric & Points for SDPs
S 21-25	<b><u>Lab V. SDP 1-2</u></b> Group revises experimental design; stats; figures Complete data collection → all data to each at end of lab	Write Scientific Manuscript (Draft 1) Title Page Introduction Methods Literature Cited
S 28-O 2 (Exam on Tues)	<b><u>Lab VI. SDP1-3 Computer Lab: Data Analysis</u></b> Complete data analysis Science Writing: Abstract, Results, Discussion Group: discusses literature & outlines discussion	Complete SDP1 data entry BEFORE lab
O 5-9	<b><u>Lab VII. Stream Ecology</u></b> Introduce SDP2 topics, study site, organisms; select topic	Read Lab VII. Stream Ecology Read SDP2: Background/Research topics Complete Manuscript (Draft 1) Abstract, Results, Discussion, Figures/Legends Attach Excel Spreadsheet of data analysis Complete Peer Evaluation of SDP1
O 12-16	<b><u>Lab VIII. Life Table + Population Growth</u></b> HW 8: Life Table-Pop Growth: <i>Complete in lab</i> Review SDP2 Schedule + Due Dates (this page!) Group discusses SDP2 literature Group discusses hypotheses/predictions Group discusses exp. design; generates sampling map	Read Lab VII. Life Table + Pop. Growth HW 7: Population Growth Problem Set 1 TA returns SDP1 Draft 1 Read, print + bring 1 paper @ SDP2 topic
O 19-23	<b><u>Lab IX. SDP2-1</u></b> Group completes Group Proposal Worksheets 1- 3 Group finalizes exp. design + sampling; discuss with TA Generate labeled data sheet; discuss with TA Begin data collection → all data to each at end of lab	Final Draft: SDP1 Project (attach Draft 1) SDP2 Individual Proposal Worksheets 1 - 3 (due 3 days before lab)

O 26-30 (Exam on Thur)	<b><u>Lab X. SDP2-2</u></b> Group discusses abstracts + introduction outline Continue data collection Group finishes Group Proposal Worksheets 4-6	HW 9: Correlation + Regression Email 5 abstracts to each in group + TA SDP2 Individual Proposal worksheets 4-6 (due 3 days before lab)
N 2-6	<b><u>Lab XI. SDP2-3</u></b> Peer review of Introduction outline Finish data collection → all data to each at end of lab Group modifies SDP2 Group Proposal Worksheets 1-6	HW 10: ANOVA Outline of Manuscript Introduction TA returns SDP1 Final Draft
N 9-13	<b><u>Lab XII. SDP2-4 Computer Lab: Data Analysis</u></b> Complete data analysis Group discusses literature & outlines discussion	SDP2 manuscript due (*N.B. <i>one</i> draft only) Introduction, Methods, Literature Cited Complete SDP2 data entry BEFORE lab
N 16-20	<b><u>Lab XIII. SDP2-5 Peer Review + Plan PPT</u></b> Peer review of SDP2 Abstract, Intro, + Discussion Group plans oral presentation	SDP2 manuscript due (* N.B. one draft only) Abstract, Results, Discussion, Figures/Legends
N 23-27	THANKSGIVING BREAK	
N 30-D 4	<b><u>Lab XIV. SDP2-6 The 6<sup>th</sup> Annual Ecology Symposium</u></b> SDP2 - Powerpoint presentation Complete lab evaluations	Abstract and PPT (due 1 day before lab) Complete Peer Evaluation of SDP2 TA returns SDP2 manuscript

\*Who is responsible for what? How many points does each component count? (See Grading Rubric in Guidelines)