

**Independent Senior Research
BSC 4911
Syllabus
Fall 2021, Session 3**

Mask Policy and Lab Safety:

- All students will wear surgical masks (or disposable N95 masks) during class until further notice.
- Students who provide proof of vaccination in the form of a white CDC vaccination card may remove their masks when speaking in class.
- Proof of vaccination status should be provided to the professor as early as possible in the course.
- Students must wear the following safety equipment at all times during lab: close-toed shoes (no flip-flops, sandals, etc), protective eye-wear, and lab coat.
- Students may not bring food or drink into the lab.
- Dispose of sharp objects (broken glass, coverslips, blades) in the "sharps container"

Tentative Schedule:

Date	Lab #	Name of lab
Sep. 11	1	Lizard Autopsies and Collection of their Parasites
Sep. 18	2	Lizard Autopsies and Collection of their Parasites
Sep. 25	3	Lizard Autopsies and Collection of their Parasites
Oct. 2	4	Lizard Autopsies and Collection of their Parasites
Oct. 9	5	Lizard Autopsies and Collection of their Parasites
Oct. 16	6	10:00 AM. Introduction and Patial Methods of Research Paper Due Hematoxylin-staining of Flatworms, Flatworm anatomy and descriptions
Oct. 23	7	Giemsa-staining of blood smears, using keys to identify flatworms
Oct. 30	8	Use of descriptive and inferential statistics to analyze parasite data. Writing scientific papers.
Nov. 6	9	Staining of Nematodes, using keys to identify nematodes, nematode anatomy and description
Nov. 13	10	First Draft of Research paper due by 5PM.
Nov. 20	11	Final Draft of Research paper due by 5 PM