

Instructor: Hisaya Fukui ('Sye')**Lab Location & Hours:****Email:** hfukui@sbcc.edu**Tuesday Lab (31017):** EBS 209 Tuesdays 2:30-5:35pm**Phone:** 965-0581 Ext 2311**Zooology 123 webpage:** <http://www.zoologynotes.net/zoology/index.htm>**Course Description and Student Learning Outcomes (SLO's):**

Zooology 123 labs are designed to provide students with hands-on experience examining a wide breadth of animals representing different animal phyla. By closely examining live and preserved specimens, students will gain a strong understanding and appreciation for the wide diversity in animal life cycles, body morphology and adaptations. At the completion of this course students should be able to:

- Identify invertebrates and vertebrates to phylum and class, and common animals to species.
- Examine life histories and reproductive strategies of specific animals from different animal phyla and the role these have played in the evolution of diversity within groups.
- Demonstrate proficient laboratory procedures such as the use of compound and dissecting microscopes, micro-slide preparation, proper dissecting tool use during anatomical examinations, and proper handling and care of live animals.
- Demonstrate proper dissection techniques of animals from a variety of animal phyla for revealing internal anatomy and the relationship of organs and organ systems.
- Create hand-drawn illustrations of animals from all major phyla, identifying both internal and external anatomical features and features required for the completion of life histories.

Course Schedule:

Week 1: Aug. 29
 Week 2: Sept. 5
 Week 3: Sept. 12
 Week 4: Sept. 19
 Week 5: Sept. 26
 Week 6: Oct. 3
 Week 7: Oct. 10
 Week 8: Oct. 17
 Week 9: Oct. 24
 Week 10: Oct. 31
 Week 11: Nov. 7
 Week 12: Nov. 14
 Week 13: Nov. 21
 Week 14: Nov. 28
 Week 15: Dec. 5

Lab #: Description

#1: Plankton & Lab Orientation
 #2: Poriferans & Cnidarians
 #3: Platyhelminthes
 #4: Annelids
 #5: Molluscs
 #6: Arthropods I: Crustaceans
 #7: Arthropods II: Insects and Spiders
 #8: **Lab Exam #1**
 #9: Echinoderms
 #10: Fishes
 #11: Amphibians
 #12: Reptiles
 #13: Birds
 #14: Mammals
 #15: Movie Lab

Lab Quizzes

No Quiz-Sign-in to lab website
No Quiz
 #1: Poriferans & Cnidarians
 #2: Platyhelminthes
 #3: Annelids
 #4: Molluscs
 #5: Crustaceans
No Quiz
 #6: Insects & Spiders
 #7: Echinoderms
 #8: Fishes
 #9: Amphibians
 #10: Reptiles
 #11: Birds
 #12: Mammals

Finals Week:**Lab Exam #2 takes place on Tuesday Dec. 12th @ 2:00-4:00pm****Lab Check-In Instructions: For students currently taking In-person Lecture AND Lab**

All lab students are required to check-in to Zoo 123 regardless of whether or not you are also currently taking Animal Diversity lecture (Zoo 122). **For those of you who are currently enrolled in Zoo 122 (lecture) you can simply check-in to both lecture & lab at the same time and do NOT need to go through the steps below again for lab.** For those of you who previously took & passed Zoo 122 lecture, please follow the instructions on the following page when checking-in to lab.

Lab Check-In Instructions for Students Taking Lab ONLY or for those who have previously passed lecture:

Step #1: Go to: <http://www.zoologynotes.net/zoology/index.htm> and scroll down to the bottom of the page where you will see a gray colored box titled “Check-In for Animal Diversity”. Fill out all the boxes and make sure to provide a GMAIL ACCOUNT EMAIL ADDRESS (not your Pipeline address).

Step #2: Click on the 2nd box titled “**Zoology 123 Animal Diversity Laboratory**”.

Step #3: Click on the “Submit Zoology Check-In” box at the bottom of the page.

For students who have previously passed Zoo 122 lecture and are now taking the lab only you will NOT have to purchase the online textbook again in order to have access to the Zoo 123 lab website. Once you have completed the steps above you will simply login to the lab webpage using a **NEW ANIMAL PASSWORD** that will be assigned to you for this semester. Your class codename (password) will be sent to your gmail account so keep an eye out for it.

Lab Attendance:

This lab course will be run in the traditional in-person lab format. Students are expected to attend lab each & every week and attendance will be taken weekly. Students are also expected to show up to lab on time at 2:30pm each week. The instructor reserves the right to drop any students who exhibit frequent unexcused absences.

Excused Absences:

With the exception of pre-approved absences by the instructor, students are required to provide documentation which clearly indicates why a student was unable to attend lab. Labs missed due to appointments, family gatherings, personal issues, etc. must be discussed and approved by the instructor in order to be considered an excused absence. It is the student’s personal responsibility to ensure that appointments of any kind are not scheduled during our lab hours unless pre-approved by the instructor.

Assignments:

Laboratory Manuals:

You will be required to complete a lab manual each week during lab except for on exam days. Weekly lab manuals will be provided by the instructor at the beginning of lab each week. Each lab manual is worth 15pts and must be each student’s own work. Completed lab manuals are due the following week unless noted otherwise by the instructor. There are no make-up assignments for missed lab manuals. **Important:** Students are required to check-out with the lab instructor prior to leaving lab each week to show that you have completed the required lab assignment and animal drawings. Failure to check-out will result in a 5pt deduction from your lab manual score each time this occurs. **Late lab manuals will receive a 2-point per week (or part of...) late penalty.**

Lab Notebook:

In addition to completing weekly lab manual assignments, students will be required to draw 6 lab display animals each week on either unlined, white or tracing paper and to maintain all these drawings within a dedicated lab notebook for the duration of the semester. The majority of lab exam questions are based on taxonomic information provided in lab for each lab display animal. In the event that this course is required to transition to a fully-online format, these animal displays will be posted on our course lab website.

Lab Quizzes:

Quizzes will be given at the beginning of each lab on the dates listed above. Each quiz is worth 5 points and there are no make-up quizzes. Quizzes will cover lecture material from the previous lab. Lab notebooks or notes may NOT be used during quizzes. Weekly lab quizzes will take place at the beginning of lab on the scheduled dates listed (see lab schedule below).

Laboratory Exams:

We will have a total of two lab exams during the course of this semester and these exams **MUST BE TAKEN ON SCHEDULED EXAM DAYS** due to the extensive nature of these exams. **Our first lab exam will take place during Week #8 of the spring semester on Tuesday Oct. 17th.** The second exam will take place during finals week (see schedule above). Lab exams are ‘open-book’ exams- lab notebooks & lab manuals may be used during the exam. Photocopied drawings or photographs are not allowed during these exams. The final lab practicum is a non-comprehensive exam and will only include material covered following the first lab practicum.

Student Evaluation:

Grades are awarded based on lab manuals, lab notebook drawings, lab quizzes, and 2 lab exams. Guidelines and rules for drawing animals and formatting your lab notebooks are provided on the first several pages of our lab manual #1 (Orientation and Plankton lab). All of your weekly animal display animal drawings will be maintained in a personal lab notebook and you will submit ALL of these drawings at the end of the semester. Lab notebooks will be graded according to: 1) complete set of animal drawings, 2) full student name and date provided, 3) Correct taxonomic info provided, 4) proper sequence of lab drawings, 5) Drawings: Accuracy, effort, and detail, 6) Notebook: Overall completeness, orderliness, and appearance. The instructor will review all the guidelines and instructions for maintaining your lab notebook during the two weeks of lab lectures

		<u>Course Grade Scale:</u>
Lab Manuals (14)	210pts (15pts/ea.)	A = 90-100%
Lab Notebook	100pts	B = 80-89%
Lab Quizzes (12)	60pts (5pts/ea.)	C = 70-79%
Lab Exams	200pts (100pts/ea.)	D = 60-69%
		F = 0-59%

Student Disruptive Behavior:

Any student exhibiting any form of disruptive behavior during lab will be given one verbal warning. Any further disruptions will result in the student being asked to leave the lab for that day. Students who continue to display disruptive behavior will be subject to academic penalties and a report will be filed with the admissions office.

Academic Dishonesty:

There is a zero-tolerance policy for any form of cheating that takes place in labs and this will be strictly enforced. This includes, but is not limited to copying another student’s work, including lab quizzes, lab manuals, and lab exams. **Cutting & pasting of ANY text other than your own writing is strictly forbidden and will NOT be tolerated.** Students observed/caught cheating will be subject to severe academic penalties and reports will be filed with the SBCC administration office. Please refer to the “Standards of Student Conduct” provided in the SBCC schedule of classes and SBCC catalog for further information regarding this campus-wide policy.

Students with Special Needs:

Accommodations for Students with Disabilities:

Disability Services and Programs for Students (DSPS) coordinates all academic accommodations for students with documented disabilities at Santa Barbara City College. If you have or think you might have a disability that impacts your educational experience in this class, contact DSPS to determine your eligibility for accommodations. DSPS can be reached by phone or email. The phone number is [805-730-4164](tel:805-730-4164) or send email to dsps@sbcc.edu. If you have already registered with DSPS, please submit your accommodation requests via the ‘*DSPS Online Services Student Portal*’ as soon as possible. This needs to be done each semester. If you have any questions or concerns about your accommodations, make an appointment with a

DSPS Counselor. Please complete this process in a timely manner to allow adequate time to provide accommodations.

Acomodaciones para estudiantes con discapacidades:

Los Programas y Servicios para Estudiantes con Discapacidades (DSPS) coordinan todas las adaptaciones académicas para los estudiantes con incapacidades documentadas en Santa Barbara City College. Si usted tiene, o cree que podría tener una discapacidad que afecta a su experiencia educativa en esta clase, póngase en contacto con DSPS para determinar si califica para servicios. Puede comunicarse por teléfono al 805-730-4164; o mandar un correo electrónico a DSPS@sbcc.com.

Si ya está registrado en DSPS envíe las solicitudes de adaptación a través del ‘DSPS Online Services Student Portal’ tan pronto como sea posible. Debe completar este proceso cada término académico. Si tiene alguna pregunta o duda acerca de sus acomodaciones, haga una cita con un consejero de DSPS.

Complete este proceso de una manera oportuna para permitir el tiempo necesario para ofrecer la debida acomodación.

SEXUAL MISCONDUCT/TITLE IX

Sexual Misconduct and gender discrimination is not tolerated at SBCC. Title IX is the law that prohibits this kind of behavior. Please contact our Title IX Coordinator, Linda Esparza Dozer, if you have questions, or concerns about an incident, our reporting procedures, resources available to survivors, or if you just want to talk. Contact Linda at lmeparza@pipeline.sbcc.edu, 805.730.4303, or in A122. More information is also available by looking at one of the Sexual Misconduct/Title IX posters that have been posted campus wide

Additional Comments:

I am very excited to have you in my animal diversity lab this Fall 2023 semester! I am here to help you succeed and I am always available to help you with any concerns or issues that may arise during the course of the semester. Please feel free to talk to me privately following lab any time you feel the need to do so. I can also be reached via email at hfukui@sbcc.edu and I always have time to schedule a one-on-one Zoom session with you anytime you feel the need to talk to me. In addition, please let me know if you need further assistance and I will provide you with contact information for any of the student services provided on campus.