

**ENY4660L, Medical & Veterinary Entomology Laboratory, 1 credit
Syllabus, Fall 2020**

Instructor: Sarah Maestas
Email: sarah.maestas@ufl.edu
Laboratory: Entomology and Nematology Department, Room 3237
Office Hours: By appointment
Co-Course Requirements: ENY4660 (online)
Canvas Website: <https://elearning.ufl.edu/> (login with UF Gatorlink username and password)

Email: Each student must have an active email account. The University of Florida requires that you obtain a student ID# and a Gatorlink email account as part of your registration process. The instructor may send class announcements to your Gatorlink email account. While many of you already have independent email accounts, you must also obtain a University of Florida Gatorlink email account for use as a registered student.

Course Description: This is a 1 credit course that requires an identification of the major insect, mite, and tick vectors of disease to humans and animals and an understanding of the diseases transmitted by arthropod vectors. Students will learn to identify mosquitoes, ticks, mites, lice, fleas, and other disease vectors. This course requires use of the textbook and internet resources to obtain detailed information on the appearance of medically and veterinary important arthropods, as well as the cycles for the diseases they transmit. This course must be taken as a co-requirement for ENY4660. The schedule for ENY4660 will have the due dates for the laboratory assignments.

Critical Thinking: With international travel and movement of people from place to place, it is difficult to determine the origins of a disease outbreak. Students will be expected to identify the vector, pathogen, and location of a person associated with a vector-borne disease.

Collections: The arthropod collection consists of 24 specimens of medical and veterinary importance and is required of all students. An initial description is provided below and additional instruction is provided in a separate handout provided in laboratory. Collections are due at **5pm on December 4th, 2020**. Please carefully read the instructions for this assignment in Canvas and be sure the collection is turned in on time (including time for shipment, if needed). Collections are worth 200 points, equal to the point value of a mid-term lab exam!

Collection Requirements: All students in ENY 4660L are required to develop and submit an arthropod collection containing at least 24 different species of medical or veterinary importance. Students must be prepared to defend the inclusion of the specimens and are required to provide a listing of all specimens and their importance. Additional and specific collection instructions are provided in Canvas course website. For each business day that

collections are late, 40 points will be deducted from the possible score. The MS Excel template that must be used and the grading rubric are provided on the Canvas course site.

Microscopes: You will need access to a microscope to properly identify specimens for your collection. One option is to inquire with a local extension office, high school science lab, etc. about access to a scope. Another option is to purchase a USB microscope that you can use with your computer from home. These range in cost from \$20-\$40 and can be purchased from Amazon, Walmart.com, and similar websites. Here is an example available on Amazon: <https://www.amazon.com/gp/product/B085XZVFGT>.

Text: Gary Mullen and Lance Durden. 2019. *Medical and Veterinary Entomology, 3rd Edition*. Academic Press. ISBN #: 978-0-12-372500-4.
Available online through UF library here:
<https://uf.catalog.fcla.edu/uf.jsp?st=UF036582176&ix=pm&l=0&V=D&pm=1&fl=ba>

Grading: The course grade is based on 30 laboratory activities, two midterm exams, a final exam, and an arthropod collection.

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| Laboratory assessments (30 un-weighted) | 200 points |
| Arthropod collection | 200 points |
| Laboratory Midterm Exam 1 | 200 points |
| Laboratory Midterm Exam 2 | 200 points |
| Final Exam | 400 points |

Grading scale (%):

- 90-100 A
- 88-<90 B+
- 80-<88 B
- 78-<80 C+
- 70-<78 C
- 68-<70 D+
- 60-<68 D
- <60 E

Laboratories: Assignments are laboratory activities located at the Canvas website. Assignments must be completed on or before the date listed. Each assignment is adjusted to be worth 6.67 points out of the possible 200 for all assignments.

Grades and Grade Points

For information on current UF policies for assigning grade points, see <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Absences and Make-Up Work

Requirements for class attendance and make-up exams, assignments and other work are consistent with university policies that can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

Course Technology

All students should have unlimited access to a computer with either Windows 7 or Mac OS X operating systems. Students should make sure to have access to a back-up computer in case of equipment failure. A high-speed Internet connection is highly recommended. Students will need speakers, microphone, and headphones to hear and record presentations. Microsoft

Office PowerPoint is recommended for the presentation assignment but OpenOffice (freeware) may suffice <http://www.openoffice.org/>.

Plagiarism

The purpose in bringing to your attention the matter of plagiarism is to help train you to be an ethical person, not to impugn your character. Plagiarism is a serious problem in academia today, especially with the ease of obtaining information from the World Wide Web. Plagiarism is defined as representing the words **or ideas** of another person as one's own, without attribution to the source. All words and ideas must be attributed to a source unless they are considered common knowledge (i.e., widely known by many people and found in many different sources). There are many kinds of plagiarism, as you will read on the Guide to Plagiarism website referenced below. One of the most common forms is insufficient paraphrasing. Even with attribution, you may be guilty of insufficient paraphrasing because your sentence too closely follows the content and structure of the cited author's sentence.

Plagiarism is unethical, unacceptable, and prohibited by the UF Student Honor Code (<http://www.dso.ufl.edu/sccr/honorcodes/honorcode.php>). The consequences for plagiarism at the University of Florida range from receiving a grade of zero for the plagiarized assignment or a failing grade for the course, to expulsion from the University for repeated offenses. Plagiarism after schooling calls into question one's integrity and can lead to banning of publication in journals and the loss of jobs/careers.

In some countries, it is an acceptable practice to write in a manner that faculty members at the University of Florida consider as plagiarism. Students studying at our university and with plans to publish their research in the English language need to know what plagiarism is and how to avoid it. Students who plagiarize will be caught and consequences will be applied. I check all written assignments using anti-plagiarism software called Turnitin® (http://turnitin.com/en_us/products/originalitycheck). Students who plagiarize will receive a grade of zero on the assignment. The second instance of plagiarism in the course will result in an automatic failing grade in the course. For further information and examples of plagiarism, read the George Smathers' Library Guide to Plagiarism at <http://www.uflib.ufl.edu/msl/07b/students.html> UF Policies Academic Honesty As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity."

You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment."

It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the

Honor Code, you should report to appropriate personnel any condition that facilitates academic misconduct. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see:

<http://www.dso.ufl.edu/SCCR/honorcodes/honorcode.php>.

Software Use

All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

Netiquette: Communication Courtesy

All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions and chats.

<http://teach.ufl.edu/wp-content/uploads/2012/08/NetiquetteGuideforOnlineCourses.pdf>

Online Course Evaluation Process

Student assessment of instruction is an important part of efforts to improve teaching and learning. At the end of the semester, students are expected to provide feedback on the quality of instruction in this course using a standard set of university and college criteria. These evaluations are conducted online at <https://evaluations.ufl.edu>. Evaluations are typically open for students to complete during the last two or three weeks of the semester; students will be notified of the specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results>.

Getting Help

For issues with technical difficulties for E-learning in Canvas, please contact the UF Help Desk at:

- Learning-support@ufl.edu
- (352) 392-HELP - select option 2
- <https://lss.at.ufl.edu/help.shtml>

Any requests for make-ups due to technical issues MUST be accompanied by the ticket number received from LSS when the problem was reported to them. The ticket number will document the time and date of the problem. You MUST e-mail your instructor within 24 hours of the technical difficulty if you wish to request a make-up. Other resources are available at

<http://www.distance.ufl.edu/getting-help> for:

- Counseling and Wellness resources
- Disability Resource Center
- Dean of Students Office

- Online Library Help Desk Complaints

Each online distance learning program has a process for, and will make every attempt to resolve, student complaints within its academic and administrative departments at the program level. See <http://distance.ufl.edu/student-complaints> for more details

Campus Helping Resources

Students experiencing crises or personal problems that interfere with their general well-being are encouraged to utilize the university's counseling resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance.

*University Counseling & Wellness Center, 3190 Radio Road, 352-392-1575,
www.counseling.ufl.edu/cwc/*

Counseling Services
Groups and Workshops
Outreach and Consultation
Self-Help Library
Training Programs
Community Provider Database

Career Resource Center, First Floor JWRU, 392-1601, www.crc.ufl.edu/

Services for Students with Disabilities

The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues. Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation

0001 Reid Hall, 352-392-8565, www.dso.ufl.edu/drc/