

**Invertebrate Biodiversity on Coral Reefs – ZOO 4205C
Spring 2018 - Syllabus**

Instructor: Gustav Paulay

TA: Shamindri Tennakoon

Lectures: One or two lectures per day (M-F)

Labs/field trips: Rest of each day (M-F)

Prerequisites: BSC2010 & 2011; PCB 4674 (Evolution) is recommended

Text / Materials:

- strongly recommended: Brusca, R. C. et al. 2016. Invertebrates. 3rd Edition. Sinauer, Sunderland, MA; or Ruppert EE, Fox RS, Barnes RD. 2009. Invertebrate Zoology; a Functional Evolutionary Approach. 7th Edition. Brooks/Cole or Cengage Learning
- recommended: Rupperts EE, Fox RS. 1988. Seashore animals of the southeast. U South Carolina Press
- Color pencils, good drawing paper, dissecting kit (forceps, scissors, scalpel)

Grading Policy: ZOO 4205C: lab notebook (50%), 4 open book exams (50%)

Grading Scale: (minimum grade; grading will be on a curve, with grade cutoffs usually adjusted downward)

90-100% = A; 80-89.9% = B; 70-79.9% = C; 60-69.9% = D; <60% = E

Students with Special Needs: Students who will require a classroom accommodation for a disability must contact the Dean of Students Office and request proper documentation. Upon bringing that documentation to the Instructor, the student will be given the appropriate accommodations. No accommodations are available to students who lack this documentation. It is the policy of the University of Florida that the student, not the instructor, is responsible for arranging accommodations when needed. The instructor will not remind the student to schedule accommodations prior to each quiz or exam. If you require extra time for in-class work, you must initiate this request at least seven days before the exam or quiz.

Email communication: All email correspondence to course instructors must be from your ufl.edu account and include your full name. Emails from other sources may not be recognized by UF email filters, and may not reach us. PLEASE DO NOT use the e-mail system in Canvas to e-mail the instructors as we do not monitor this account.

Course Website: Because of limited internet in the Bahamas, we will not use E-Learning (Canvas) in this course.

Attendance Policy: Attendance and participation in all lectures, labs and field trips is required. If you miss a lab or field trip due to illness, contact the instructor as soon as you are able to make arrangements for make-up work.

Academic Honesty: All students are expected to hold themselves to a high standard of academic honesty. It is normal and reasonable for students in a laboratory course to work together on ungraded homework; however, students must work alone on all graded assignments (tests, quizzes, exams). Giving or receiving any unauthorized assistance during such an assignment will be treated as a deliberate violation of the UF Academic Honesty policy. This will result in a failing grade and can lead to dismissal from the university. Partial or total plagiarism on any written assignment is regarded as an especially flagrant form of dishonesty. If you are aware of a climate that promotes academic dishonesty, please notify the instructor or contact the Student Honor Court (392-1631) or the Cheating Hotline (392-6999).

Tentative schedule:

| Week | Date | Topic |
|-------------|-------------|--------------------------|
| 1 | Mon Jan 8 | Intro |
| 1 | Tue Jan 9 | Intro |
| 1 | Wed Jan 10 | Travel to San Sal |
| 1 | Th Jan 11 | Body plans and diversity |

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| 1 | Fri Jan 12 | Porifera |
| 2 | Mon Jan 15 | Cnidaria |
| 2 | Tue Jan 16 | Cnidaria |
| 2 | Wed Jan 17 | Coral Reefs |
| 2 | Th Jan 18 | Ctenophora, Acoelomorpha |
| 2 | Fri Jan 19 | Platyhelminthes, exam 1 due |
| 2 | Mon Jan 22 | Annelida |
| 3 | Tue Jan 23 | Annelida |
| 3 | Wed Jan 24 | Worms et al |
| 3 | Th Jan 25 | Mollusca |
| 3 | Fri Jan 26 | Mollusca, exam 2 due |
| 4 | Mon Jan 29 | Mollusca |
| 4 | Tue Jan 30 | Lophophorates, Chaetognatha |
| 4 | Wed Jan 31 | Arthropoda |
| 4 | Th Feb 1 | Crustacea |
| 4 | Fri Feb 2 | Crustacea, exam 3 due |
| 5 | Mon Feb 5 | Hemichordata, Urochordata |
| 5 | Tue Feb 6 | Echinodermata |
| 5 | Wed Feb 7 | Echinodermata |
| 5 | Th Feb 8 | Travel to Gainesville |
| 5 | Fri Feb 9 | Exam 4 due |