

Biology 3229G Animal Diversity WINTER 2022

Instructor: Dr. Graeme M. Taylor (gtaylor8@uwo.ca)

Location: Zoom & OWL (or lecture PAB 34 and for the lab CHB-390)

Prerequisite(s): At least 1.0 course from Biology 2290F/G, Biology 2382A/B, Biology 2483A/B, Biology 2581A/B, Biology 2601A/B and registration in third or fourth year.

Required:



Stable internet connection



Laptop or computer



Working microphone



Working webcam

Delivery mode:

This course will be delivered completely online unless we return to classes in person. Virtual sessions will be a combination of synchronous (live) and asynchronous (recorded). Students could be expected to complete work prior to attending sessions.

Course Coordinator and Technical Support: Barbara Kobrzynski (bkobrzy@uwo.ca).

Laboratory Demonstrators: Garth Casbourn (gcasbour@uwo.ca),
Holly Deighton (hdeight@uwo.ca) Shayla Kroeze (skroeze@uwo.ca)

Brief Course Description: This course is an introduction to animal phyla. We examine the diversity of general body plans seen across the animal kingdom, including such groups as the jellyfish, and sea stars. We explore the functional design of key animal species, selected as representatives of those phyla that still have living members, in relation to their ecology and life habits. Evolutionary relationships provide a framework for our observations; as such, we will cover the basic principles of classification. Mostly, this course is an exciting and eye-opening journey into an understanding of key innovations in the evolution of our ancestors and animal relatives.

Lecture Synchronous Zoom Time: Wednesday from 11:30_1:20 pm

Lab Zoom Section 002: Thursday 8:30 am — 11:30 am (Zoom or CHB-390)

Lab Zoom Section 003: Thursday 2:30 pm — 5:30 pm (Zoom or CHB-390)

Lab Zoom Section 004: Wednesday 2:30 pm — 5:30 pm (Zoom or CHB-390)

TextBook: Jan A. Pechenik, 2015, *Biology of the Invertebrates*, 7th edition. McGraw Hill.

Labs: Schedule of Labs and Lab Outlines will be posted on OWL.

Laboratory Sessions: Weekly laboratory sessions (labs start on *week of January 24th, no lab on reading week*). Your GTA will conduct dissections of animal specimens and provide you with the visual images to observe and illustrate.

Course Evaluation and Schedule: *

Laboratory Assignments (45%)

Participation (must pass participation to pass the course) (12%)

Short Essays (43%)

*note: all written work is reviewed by plagiarism software *Turnitin.com* on our course OWL link.

Contacting the instructor by email:

Please send any emails to my 'uwo' account (above). Do not send me emails through OWL, as these may sit unread for several days. For your own protection, I cannot respond to any emails that do not come from a 'uwo' account. Always include the course name 'B3229G' in the subject heading. Please note that I will not respond to emails containing questions about course content. Responding via email is both very time consuming and does not allow me to assess whether you have understood my answer. Best would be for us to meet over Zoom. If you cannot attend my Zoom office hours, then please email me to make an appointment.

Scholastic offences: All students are expected to know, understand, and follow the codes of conduct regarding scholastic offences. A detailed description of scholastic offences, including the policies and procedures, may be found under the Scholastic Offence Policy in the Western Academic Calendar and in the University Senate Handbook (<http://www.uwo.ca/univsec/handbook>). Please review this information and ask your professor if you have any questions about how it applies to this course.

With respect to laboratory and essay assignments, it is fine to discuss your work with other students. However, **each student is expected to do the assignment on their own**, and to complete their final answers and write their prose independently and in their own words. All written assignments will be submitted to the instructor via 'TurnItin.com', which is software for detecting plagiarism.

Accessibility

Please contact Dr. Taylor if you require material in an alternate format or if you require any other arrangements to make this course more accessible to you. For specific question regarding academic accommodations please contact http://www.sdc.uwo.ca/ssd/index.html?academic_acc

Support Services

Registrarial Services <http://www.registrar.uwo.ca>

USC Support Services <http://westernusc.ca/services/>

Student Success Centre <http://www.success.uwo.ca/careers/>

Student Development Centre <http://www.sdc.uwo.ca/>

“Students who are in emotional/mental distress should refer to Mental Health@Western <http://www.uwo.ca/uwocom/mentalhealth/> for a complete list of options about how to obtain help.” (Western Academic Calendar).