

## DISP TEXTBOOKS AND ELECTRONIC RESOURCES FOR 2022/2023

Below is a list of the textbooks and electronic resources for the 2022/2023 Integrated Science courses SCIE 1506 and SCIE 1507 and PHIL 1050.

### SCIE 1506 and SCIE 1507

#### Biology

- **Campbell Biology, 3rd Canadian Edition, Pearson**

Used, previous editions (Campbell Biology, 1<sup>st</sup> or 2<sup>nd</sup> Canadian ed.) or e-text alone are acceptable. The e-text can be purchased for ongoing (perpetual) access for \$97.90.

<https://bookstore.dal.ca/CourseSearch/?course%5b%5d=SUB,FALL22,SCIE,SCIE1506>. If purchasing the e-text instead of hard copy, please purchase perpetual instead of 180-day access to ensure that you have access to the text for both fall and winter terms. If you purchase e-text access you will have access to the text within the SCIE 1506 Brightspace page when the term begins.

*\* You can access a 2-week free e-text trial through the course Brightspace page at the beginning of term before committing to purchasing the e-text. You can purchase e-text access through the bookstore link, or through a link in the course Brightspace page at the start of term.*

#### Top Hat subscription

We will be using the Top Hat ([www.tophat.com](http://www.tophat.com)) classroom response system for Biology and possibly other DISP subjects. You will be able to submit answers to weekly or biweekly trivia-style questions using Apple or Android smartphones and tablets, laptops, or through text message. You can visit the Top Hat Overview (<https://success.tophat.com/s/article/Student-Top-Hat-Overview-and-Getting-Started-Guide>) within the Top Hat Success Center which outlines how you will register for a Top Hat account, as well as providing a brief overview to get you up and running on the system.

Top Hat requires a paid subscription which can be purchased through the Dalhousie bookstore. A full year subscription is \$30 and life-time subscription \$60.

<https://bookstore.dal.ca/textbooks/textbooks/top-hat>

#### Psychology

- **Dalhousie University Introduction to Psychology and Neuroscience Team**, Introduction to Psychology & Neuroscience, 1<sup>st</sup> edition, Dalhousie Libraries Digital Editions Open Education Project (FREE)

Downloadable eBook available through this link:

<https://digitaleditions.library.dal.ca/intropsychneuro/>

#### Writing in Science

In SCIE 1506 (fall) you will write a formal report on a field trip. In SCIE 1507 (winter) you will write a formal report based on your research project. There is no formal textbook for Writing in Science; however, you will use library databases to locate source material throughout the term, and you will use

the Council of Science Editors (CSE) style guide to format citations and references in your formal reports. The Dalhousie Libraries provides a quick guide for CSE style which is available through this link:

[CSE - revised to conform to Knisely Sept 2017.pdf \(dal.ca\)](#). Other writing instruction material will be provided in class. For your interest, one paper we will be reading early in the term as an example of a primary science article is "Fear and lethality in snowshoe hares: the deadly effects of non-consumptive predation risk" found through the following reference: MacLeod K, Krebs CJ, Boonstra R, Sheriff MJ. 2018. Fear and lethality in snowshoe hares: the deadly effects of non-consumptive predation risk. *Oikos*, 127: 375-380. <https://doi.org/10.1111/oik.04890>

## SCIE 1506

### Statistics

- **Deveaux et al, Stats Data and Models, 3<sup>rd</sup> Canadian edition, Pearson.**

Used previous edition hardcopies are permitted, or you can purchase the e-text using the Dalhousie Bookstore link:

<https://bookstore.dal.ca/CourseSearch/?course%5b%5d=SUB,FALL22,SCIE,SCIE1506>.

You can purchase ongoing (perpetual) access to the e-text for \$93.00. Alternatively, you can purchase 180-day access to the e-text for \$68.52. This would be sufficient for the statistics component of DISP which is included in fall term.

*If you purchase the e-text for Statistics, you will have access through the course Brightspace page. A 2-week free trial of the e-text will be available through Brightspace at the start of term.*

## SCIE 1507

### Earth Sciences

Further details on the Earth Science text will be made available in the fall term. To ensure you obtain the correct text and edition please do not purchase a text for Earth Science before the start of fall term.

## PHIL 1050

### Ethics in Science

- Meynell L and Paron, C (2021). *Applied Ethics Primer*. Atlantic Canada Pressbooks Network. <https://caul-cbua.pressbooks.pub/aep>. (free e-text)

Additional course readings will be posted to Brightspace as links or as PDFs.

You will also have required textbooks in your co-requisite Math, Chemistry and Physics courses and should confirm details for these courses or by searching textbooks at

<https://bookstore.dal.ca/Course/campus>.