

## DISP TEXTBOOKS AND ELECTRONIC RESOURCES FOR 2023/2024

Below is a list of the textbooks and electronic resources for the 2023/2024 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 \$104.56

<https://bookstore.dal.ca/CourseSearch/?course%5B%5D=SUB,FALL23,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 4-year 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 an integrated lab. In SCIE 1507 (winter) you will write a formal report, construct a poster, and present on your research project. There is no formal textbook for Writing in Science; however, you will be expected to read materials or links posted to Brightspace before each week's class.

- You will also use library databases to locate source material throughout the terms. 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:

[https://cdn.dal.ca/content/dam/dalhousie/pdf/library/Style\\_Guides/cse\\_style8.pdf](https://cdn.dal.ca/content/dam/dalhousie/pdf/library/Style_Guides/cse_style8.pdf)

- 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>

### **Integrated Field Trips**

You will require a field notebook for use on your Integrated Field Trips for SCIE 1506/1507. These can be purchased from an independent retailer or are available the Dalhousie Bookstore:

<https://bookstore.dal.ca/Catalogue/shop/supplies/course-supplies/field-equipment/field-notebooks>

## **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,FALL23,SCIE,SCIE1506,&>

You can purchase ongoing (perpetual) access to the e-text for \$93.06. Alternatively, you can purchase 180-day access to the e-text for \$68.56. 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, Paron C. 2021. Applied ethics primer. Atlantic Canada Pressbooks Network. <https://caul-cbua.pressbooks.pub/aep>. (free e-text). If you prefer a hard copy, the book is also available for purchase at the [King's Bookstore](#).
- 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>.