

## SECTION A. FACULTY OF SCIENCE COURSE SYLLABUS

### Department of Psychology and Neuroscience

### PSYO/NESC 3271

### Developmental Origins of Health and Disease (DOHaD) Winter 2025

*Dalhousie University operates in the unceded territories of the Mi'kmaw, Wolastoqey, and Peskotomuhkati Peoples. These sovereign nations hold inherent rights as the original peoples of these lands, and we each carry collective obligations under the Peace and Friendship Treaties. Section 35 of the Constitution Act, 1982 recognizes and affirms Aboriginal and Treaty rights in Canada.*

*We recognize that African Nova Scotians are a distinct people whose histories, legacies and contributions have enriched that part of Mi'kma'ki known as Nova Scotia for over 400 years.*

#### 1. COURSE INSTRUCTORS

NAME (PRONOUNS) JOB TITLE	WHAT TO CALL US	EMAIL	OFFICE HOURS FORMAT
<b>Libby Myles, PhD</b> (she/her) Course Instructor	Libby	<a href="mailto:libby.myles@dal.ca">libby.myles@dal.ca</a>	Virtual via Teams As needed by appointment
<b>Brett Hopkins, MSc</b> (he/him) Teaching Assistant/Epidemiologist	Brett	<a href="mailto:brett.hopkins@dal.ca">brett.hopkins@dal.ca</a>	Virtual Via Teams As needed by appointment

#### 2. COURSE DESCRIPTION

This course is **online asynchronous**; lectures and other coursework will run from **Tuesday, January 7<sup>th</sup> to Friday, April 4<sup>th</sup>**. The overall topic is covered with an emphasis on the role that developmental events (internal and external) play in programming stress responding and metabolic processes across the lifespan. Students will learn about underlying epigenetic mechanisms, environmental/sociocultural influences, disease processes impacted (e.g., stress- and metabolic-related diseases), societal implications, and prevention/mitigation strategies.

#### 3. COURSE PREREQUISITES

1. PSYO/NESC 2000 (Methods in Experimental Psychology and Neuroscience)
2. PSYO/NESC 2470 (Systems Neuroscience)

#### 4. COURSE EXCLUSIONS

None



Image: US DOHaD Society Logo

## 5. COURSE DELIVERY AND OVERVIEW

### 5A. Lectures, Reviews, and Tests

There are **10** lecture topics that will be released at **8:00 AM** each **TUESDAY** (except Feb. 18<sup>th</sup>) from Jan. 7<sup>th</sup> to Mar. 18<sup>th</sup>. Each lecture will be broken into two videos (Part 1 and Part 2). To accompany these videos, a PDF of the lecture slides will be posted. All dates and deadlines are in Atlantic time. This course is broken into 3 units; Unit 1 has 4 topics, Unit 2 has 3 topics, and Unit 3 has 3 topics. Each unit will end with a **non-cumulative** test on the final **MONDAY** of the unit (i.e., Feb. 3<sup>rd</sup>, Mar. 3<sup>rd</sup>, and Mar. 24<sup>th</sup>). One week before each test (i.e., the Tuesday before at 8:00 AM), a unit review lecture video and a PDF of the slides will be available on Brightspace (see **page 4** for more on tests).

### 5B. Virtual Presentation Video

There are 7 presentation due dates during the term on **THURSDAYS** (i.e., Jan. 30<sup>th</sup>, Feb. 6<sup>th</sup>, Feb. 13<sup>th</sup>, Feb. 27<sup>th</sup>, Mar. 6<sup>th</sup>, Mar. 13<sup>th</sup>, **or** Mar. 20<sup>th</sup>) that align with Topics 3 to 9 (see **pages 4-5**).

### 5C. Discussion Board Participation

For each of these presentation topics, students will also complete discussion board participation as part of their grade, due on the following **MONDAY and THURSDAY** (see **pages 5-6**).

### 5D. Final Project

There is also a final project in this course (see **page 6**) with associated deadlines throughout the term that always occur on **FRIDAYS** (i.e., Feb. 28<sup>th</sup>, Mar. 14<sup>th</sup>, Apr. 4<sup>th</sup>).

## 6. COURSE MATERIALS

### 6A. Course Readings and Other Materials

There is no textbook for this course; a reading list and all article PDFs can be found on Brightspace (<https://dal.brightspace.com>). Course materials (e.g., lecture slides, lecture videos, tests) and other documents (e.g., syllabus, reading list, rubrics, assignment information) will also be on Brightspace.

### 6B. Announcements and Updates

Course information and announcements will be provided via Brightspace. Ensure you are **regularly checking your Dalhousie email and Brightspace** (<https://www.vanderbilt.edu/brightspace/for-students/how-do-i-manage-my-notifications-2/>). Contact [support@dal.ca](mailto:support@dal.ca) or call 902-494-HELP (4357) for any technical issues that arise with Brightspace during the semester.

### 6C. Course Requirements

1. A computer and stable internet connection
  - A laptop or desktop computer is needed for tests to ensure questions format properly.
  - Students connecting to online resources (e.g., YouTube) from outside of Canada are responsible for ensuring they are aware of and in compliance with applicable laws within the country from which they are connecting.
2. Microsoft Office programs (download for free here: <https://software.library.dal.ca/index.php>)

- **Teams** for office hours meetings
- **PowerPoint** for your presentation. Other programs like Google Slides or Canva are also acceptable as long as presentation slides are submitted as a PDF with the mp4 video.

## 7. LEARNING OBJECTIVES

Through their engagement with the course material, in the form of lectures, assigned readings, presentations, peer discussions, and a final project, students will learn about:

- The role of developmental events for programming health and disease across the lifespan.
- The mechanisms underlying programming of the stress response and metabolic systems.
- The contribution of environmental and sociocultural factors to developmental programming.
- Disease processes that are related to the stress response and metabolic function.
- The wide-reaching and long-lasting societal implications of developmental programming.
- What can be done to mitigate or prevent harmful stress and metabolic programming.

## 8. COURSE ASSESSMENT

COMPONENT	DATE(S)	SPECIFICS (TIME)	WEIGHT	FORMAT (AREA OF BRIGHTSPACE)
<b>8A. Unit Tests</b>	<b>MONDAYS: Feb. 3<sup>rd</sup>, Mar. 3<sup>rd</sup>, Mar. 24<sup>th</sup></b>	Non-cumulative; 80 mins (8:00 AM – <b>7:59 PM</b> )	<b>60%</b> (20% each)	Completed on Brightspace ( <b>Quizzes</b> )
<b>8B. Virtual Presentation Video</b>	<b>THURSDAYS</b> on 1 of 7 due dates:  <b>Jan. 30<sup>th</sup>, Feb. 6<sup>th</sup>, Feb. 13<sup>th</sup>, Feb. 27<sup>th</sup>, Mar. 6<sup>th</sup>, Mar. 13<sup>th</sup>, or Mar. 20<sup>th</sup></b>	<b>Primary research article</b> due the Thursday before presentation (11:59 PM)	<b>15%</b>	PDF submitted to Brightspace ( <b>Assignments</b> )
		Presentation video ( <b>mp4</b> ) and <b>PDF</b> of slides due (11:59 PM)		PDF of presentation slides and mp4 video submitted to Brightspace ( <b>Assignments</b> )
<b>8C. Discussion Board Participation</b>	The <b>MONDAY</b> after your presentation is due	Peer questions are due <b>4 days</b> after your presentation (11:59 PM)	<b>Part of the presentation rubric and grade</b>	Completed on Brightspace after presentation videos are posted ( <b>Discussions</b> )
	The <b>THURSDAY</b> after your presentation is due	Question responses are due <b>7 days</b> after presentation (11:59 PM)		Completed on Brightspace after you are given peer questions ( <b>Discussions</b> )
<b>8D. Final Project</b>	<b>FRIDAY, Feb. 28<sup>th</sup></b>	Project format choice (white paper/infographic) completed by 11:59 PM	<b>25%</b>	Completed on Brightspace ( <b>Homepage “Groups Tool”</b> )
	<b>FRIDAY, Mar. 14<sup>th</sup></b>	Final Project Details quiz submitted by 11:59 PM		Completed on Brightspace ( <b>Quizzes</b> )
	<b>FRIDAY, Apr. 4<sup>th</sup></b>	Completed final project submitted by 11:59 PM		<b>White paper:</b> docx <b>and</b> PDF; <b>infographic:</b> <b>2-page</b> letter-sized PDF ( <b>Assignments</b> )

## 9. SUMMARY OF COURSE COMPONENTS

### 9A. Tests (20% of Final Grade Each; 60% Total)

**Test dates and availability.** Tests will occur on (3) specific Mondays during the term at the end of each of the course units. Tests will be open from **8:00 AM to 7:59 PM** (Atlantic) on **Feb. 3<sup>rd</sup>** (Unit 1 Test), **Mar. 3<sup>rd</sup>** (Unit 2 Test), and **Mar. 24<sup>th</sup>** (Unit 3 Test). **Tests are not open until 11:59 PM; if you try to enter the tests at 8:00 PM or later, you will not be able to complete them.**

**Types of questions.** Questions can be drawn from lecture material, review lecture material, videos (unless otherwise specified), or reading list readings. Tests are open book, but questions will require you to apply your knowledge in order to answer. Tests will contain 30 questions, which will include but is not limited to multiple-choice, multi-select, ordering, matching, labelling, and fill-in-the-blanks. More specific details about test questions will be provided as test dates approach.

**Academic integrity.** These are online tests, but they must be completed individually and without the use of internet searches or AI/large-language models. It is your responsibility to review the syllabus and Dalhousie policies surrounding academic integrity and reach out with any questions **before** starting your test.

**Time limits and attempts.** Once you click "Start Quiz!" to begin your test, you will have **80 minutes** to complete it and (1) attempt only. Any approved timing-related accommodations will be added to specific student test time limits. **There is some flexibility with the test time limit that is meant to circumvent issues (e.g., technical issues) that arise; time limits should be respected in all other cases.** Extended completion times for any reason must stay within reason or further investigation will be required, which may involve referral and/or consultation with the Academic Integrity Office.

**Technical difficulties.** If you experience any technical difficulties, contact [libby.myles@dal.ca](mailto:libby.myles@dal.ca) immediately **with a description of the issue and the time the issue occurred.** Please keep in mind that my email response time window on test days is 8:00 AM to 7:59 PM. This is important if you are starting the test after 6:40 PM and/or have timing accommodations.

**Internet connection.** Before starting your test, ensure you are in a space with a stable internet connection or find an area with a stable connection (e.g., Halifax public library, Dalhousie campus). It is important to use a computer for tests as questions may not properly format on mobile devices.

**Grades and feedback.** Your test grade and feedback will be released one week after writing it. Please reserve emails about tests until after this feedback has been reviewed.

### 9B. Virtual Presentation Video (15% of Final Grade)

Students will prepare a **5-minute individual** presentation video on a **peer-reviewed primary research article** that falls into 1 of 7 of the course topics (Topics 3 to 9).

**Presentation submission.** Presentation videos must be submitted in **mp4 format** (the Brightspace Assignment dropbox will only accept this file type). Students must also submit a **PDF** of their lecture slides that **must exactly match the presentation in their video.** Presentations are not considered to be submitted until both the mp4 video and slide PDF are submitted to Brightspace.

**Presentation grading.** Presentations will be graded in consultation and agreement with both the

course instructor and the course TA.

- An assignment guide that overviews each of the presentation date topics, along with a rubric will be provided on **Thursday, Jan. 16<sup>th</sup>**.

**Presentation dates.** There are 7 virtual presentation due dates throughout the term (i.e., Jan. 30<sup>th</sup>, Feb. 6<sup>th</sup>, Feb. 13<sup>th</sup>, Feb. 27<sup>th</sup>, Mar. 6<sup>th</sup>, Mar. 13<sup>th</sup>, or Mar. 20<sup>th</sup> at 11:59 PM). These presentation due dates are the Thursdays the week **after** that specific topic's lecture videos are posted to Brightspace in order to give students time to watch lecture videos and choose an article (e.g., Topic 3 presentations will be due during the week of Topic 4).

- Presentation dates will be chosen randomly by Brightspace on **Thursday, Jan. 16<sup>th</sup>**.
- Presentation dates are **final** unless two students agree to switch, but **both** students need to email [libby.myles@dal.ca](mailto:libby.myles@dal.ca) no later than **5 PM on Monday, Jan. 20<sup>th</sup>**.

**Primary research article submission and approval.** Students are required to submit their primary research article as a PDF to Brightspace for approval **at least 1 week before** their presentation date (i.e., by 11:59 PM the Thursday before their presentation is due). **Part of your grade (4/30 points in the rubric) will be based on you submitting a peer-reviewed primary research article by the deadline.** Other article criteria (e.g., fit with the topic, not older than 25 years, 10 pages of main text or less) will not be graded on, but you may need to find a replacement article if not suitable.

- Articles will be approved on a first-come, first-served basis. If another student has chosen your article before you, you will not lose any points, but you will need to choose another.
- Students also can't present on presentation sample articles, articles discussed in lectures, or articles presented by students as part of another topic.

### 9C. Discussion Board Participation (Part of the Presentation Grade)

The day after presentations are due (Fridays), student presentation videos will be posted to Brightspace. Students with the same due date will then watch the presentations and complete discussion board participation as part of their presentation grade (4/30 points in the rubric). Specific discussion board threads will be set up by the course instructors for each student's presentation.

**Asking peer questions.** The discussion board participation will first involve asking 1 question to 2 different presenters (2 questions total) from your presentation date. You must ask your questions 4 days after your presentation due date (i.e., the following Monday by 11:59 PM).

- If 2 questions have already been asked to a presenter, you must choose a different presenter to ask a question in order to receive any points.
- Students are not required to respond to questions beyond the first 2 that are asked.
- Tip: **subscribe** to your thread to be notified when someone posts a question.

**Responding to peer questions.** Students will respond to the 2 questions asked to them by peers. Responses are scored *mainly* on participation, but answers should demonstrate effort and be complete for full marks to be allotted. You must respond to your questions by the Thursday that follows your presentation date (i.e., at 11:59 PM 7 days after your presentation due date).

- If you do not receive two questions from your peers, a course instructor will ask you 1 (or 2)

question(s) to respond to instead within 24 hours of the asking questions deadline.

- If peer questions come in after the deadline and before a course instructor posts a question, the questions can still be answered, but points won't be awarded for asking late questions.

### 9D. Final Project (25% of Final Grade)

The final project is due on **Friday, Apr. 4<sup>th</sup> (11:59 PM)**. This project will research a DOHaD-related problem and solution(s) that is supported by at least **8 peer-reviewed primary research articles**. More details and rubrics will be provided by **Friday, Feb. 14<sup>th</sup>**. You have a choice of two formats:

1. **White Paper** (short report; 1250-1500 words with additional title page and reference list; submitted as identical .docx and .pdf files).
2. **Infographic** (letter-sized visual summary + reference list submitted as one .pdf file).

**Final project format choice.** Your format choice (i.e., white paper or infographic) is due via the “Groups tool” on the course homepage by **Friday, Feb. 28<sup>th</sup> (11:59 PM)**. Completion of this format choice before the deadline will be given 2/50 points in your final project rubric.

**Final Project Details “quiz”.** You will also complete a Final Project Details quiz on Brightspace by **Friday, Mar. 14<sup>th</sup> (submitted by 11:59 PM)**. Completion of this quiz before the deadline will be given 2/50 points in your final project rubric. Students who do not complete the Final Project Details quiz will not be given feedback on their final project topic or peer-reviewed primary research articles. The “quiz” will have an unlimited time limit (before 11:59 PM on Mar. 14<sup>th</sup>) and (1) attempt. Once your topic and other information is provided in the Final Project Details quiz, this information **can't be changed unless there is specific reasoning and written approval**.

- **Project topic.** Part of the Final Project Details quiz will ask you to provide information on your final project topic, which will be given up to 1/50 points in your final project rubric. This can be your intended title or a working title (**2 sentences maximum**), but your topic must be **specific** and highlight **both** a DOHaD-related **problem** and ideas for **solution(s)**.
  - For example, a project on “Prenatal Stress and Offspring Health” is **not** specific enough, but a project on “Natural Disaster Stress During Pregnancy and the Benefit of Stress Reduction Techniques on Reducing Risk of Anxiety in Offspring” would be specific enough.
- **Peer-reviewed primary research articles.** The Final Project Details quiz will also ask for the in-text citation and doi for **2** peer-reviewed primary research articles that you will use in your final project. Properly selecting 2 topic-related peer-reviewed primary research articles will be awarded up to 2/50 points in your final project rubric. If articles are not related to your project topic or are not peer-reviewed primary research articles, no points will be awarded.

## 10. COURSE POLICIES

### 10A. Missed or Late Academic Requirements

**Short-term illnesses or personal issues.** Short-term illnesses or personal issues are described as situations that may require students to miss 3 or fewer school days (e.g., due to minor illness, illness/death of a distant relative, minor injuries). For such concerns, a **student declaration of absence (SDA)** must be submitted to the Brightspace dropbox. **SDAs must be submitted before**

**the associated deadline or end time, unless there are specific difficulties preventing this.** If you are in this situation, please send [libby.myles@dal.ca](mailto:libby.myles@dal.ca) an email when you are able.

A maximum of **one** SDA can be used for an up to **72-hour** extension for **one** of the following:

1. **Presentation video/slide submission + discussion board participation.** If you use your SDA for your presentation video/slide submission + discussion board participation, your presentation will be viewed by the course instructors only and not posted to Brightspace. For your discussion board participation, you will receive 2 questions from the course instructors by **email** (rather than your fellow students) to respond to. In this instance, in your email reply, you will provide 2 hypothetical questions for 2 student presentations in the topic to the course instructors by email in order to complete that part of your presentation grade.
2. **Final project**
3. **One of the Unit tests**

An SDA **can't** be used for the following as these are open for completion for longer than 3 days and their on-time completion is awarded points in the associated rubric:

1. Presentation peer-reviewed primary research article submission
2. Final project format choice selection
3. Final Project Details quiz
4. Discussion board questions or responses (exception: if an SDA is submitted for the presentation, see above)

**Long-term illnesses or personal issues.** Long-term illnesses or personal issues are described as situations that may require a student to miss more than 3 consecutive days of school (e.g., due to major illness, chronic illness, surgery, illness/death of a close relative, significant injury). For long-term illnesses, or if you already have one SDA, Patricia Laws (Student Affairs), must be contacted by you ([scieasst@dal.ca](mailto:scieasst@dal.ca)), so that case-by-case arrangements can be made.

## 10B. Deductions for Unexcused Late Academic Requirements

**Tests.** If a test is missed due to a short-term illness or personal issue (see section **10A**), an SDA must be submitted **before** the test end time (i.e., 7:59 PM on Feb. 3<sup>rd</sup>, Mar. 3<sup>rd</sup>, or Mar. 24<sup>th</sup>). If using an SDA for a test, a make-up test will occur on a later date at the discretion of the course instructor.

**Presentation or final project.** Unless an SDA is submitted **before** the deadline, late presentations (slides + video) or final projects will be deducted 10% per day. The first deduction (i.e., -10/100% per day) begins after the grace period (see below), but the next 10% deduction will still begin 24 hours from the original 11:59 PM deadline. Furthermore, **at 120 hours from the original 11:59 PM deadline, missing submissions will receive a score of 0.**

- e.g., a presentation due on Jan. 30<sup>th</sup> (11:59 PM) will receive a 0 if it is not submitted within 120 hours from the deadline (i.e., after 11:59 PM on Feb. 4<sup>th</sup>).

Since presentations (slides and video) and final projects are due at 11:59 PM, there is a **grace period** until 8 AM the next day for submissions.

- e.g., for a presentation due on Jan. 30<sup>th</sup> at 11:59 PM, the 10% per day deduction would be applied starting at 8:01 AM on Jan. 31<sup>st</sup>, not at 12:00 AM on Jan. 31<sup>st</sup>.

**Discussion board participation.** Incomplete discussion board participation will receive a score of 0 in the presentation rubric **immediately** after the deadline (i.e., after 11:59 PM 4 or 7 days after the presentation due date). There is **no grace period** for discussion board participation as other students are relying on questions and participation can be completed for a period greater than 72 hours.

**Presentation primary research article submission, final project format choice, and Final Project Details quiz.** As mentioned in section **10A**, late submissions of your presentation primary research article, final project format choice, and/or Final Project Details quiz will be given a score of 0 in the associated presentation and/or final project rubric.

### 10C. Grading Policies

**Grading format and timeline.** All grades and rubrics will be provided via Brightspace. Presentation grades and rubrics will be provided within **10 days** of your submission. Final project grades and rubrics will be provided within **20 days** of your submission. If you think a grade may have been posted with an error, please contact us within **7 days** of the grade being posted to Brightspace.

**Final grades.** Grades cannot be adjusted with extra work in this course. Final grades will be calculated with the Dalhousie University Common Grade Scale (below). Grades will be rounded up at .50 (e.g., an 89.50 is an A+, an 89.49 is an A); no other rounding will occur, even if requested.

LETTER	A+	A	A-	B+	B	B-	C+	C	C-	D	F
%	90-100	85-89	80-84	77-79	73-76	70-72	65-69	60-64	55-59	50-54	<50

### 10D. Course Policies Related to Academic Integrity

For **all** course components, students must work **individually** on the final product. Furthermore, any assessments, writing, or artwork must come from students' own thoughts and time – not from artificial intelligence generation. Be sure that you are familiar with **Dalhousie's Policy on Academic Integrity** because you are held to these standards (<https://www.dal.ca/about/leadership-governance/academic-integrity.html>; see also **page 10**) If you have any questions on maintaining academic integrity in this course, please contact [libby.myles@dal.ca](mailto:libby.myles@dal.ca) for guidance.

### 10E. Email Correspondence Regulations

Please ensure you check the syllabus, Brightspace announcements, and/or Brightspace content before sending your email. Only emails sent from your Dalhousie provided email address will be responded to. Please put the course code (3271) in the subject line. Our goal is to respond to emails within 48 hours, but this timeline does not include weekends or holidays. Even if urgent, **emails sent after 5 PM will not be responded to until the next morning**. The exception to this is on test days; emails to [libby.myles@dal.ca](mailto:libby.myles@dal.ca) will be responded to between 8 AM to 7:59 PM.

### 10F. Use of Course Materials

Course materials shared via Brightspace or otherwise are for your personal educational use only. Copying (e.g., screen recording lectures) or distributing (e.g., uploading to third-party websites, sharing with people not in this specific course) is a violation of Copyright law. If you have questions regarding copyright, you can contact Dalhousie's Copyright Office at [copyright.office@dal.ca](mailto:copyright.office@dal.ca).



## 11. COURSE SCHEDULE

	WEEK/TOPIC	DATES	OTHER IMPORTANT DEADLINES
UNIT 1	<b>WEEK 1/TOPIC 1</b> Introduction to DOHaD	Tuesday, Jan. 7 – Monday, Jan. 13	Lecture videos released: 8 AM, Jan. 7
	<b>WEEK 2/TOPIC 2</b> Developmental Research	Tuesday, Jan. 14 – Monday, Jan. 20 <b>(Add/drop date: Jan. 20)</b>	Lecture videos released: 8 AM, Jan. 14 Presentation groups assigned: 8 AM, Jan. 16 Last day to switch presentation: 5 PM, Jan. 20
	<b>WEEK 3/TOPIC 3</b> Developmental Programming	Tuesday, Jan. 21 – Monday, Jan. 27	Lecture videos released: 8 AM, Jan. 21 Topic 3 article choice due: 11:59 PM, Jan. 23
	<b>WEEK 4/TOPIC 4</b> Metabolic Programming	Tuesday, Jan. 28 – Monday, Feb. 3 <b>(Drop without a “W” date: Feb. 3)</b> <b>TEST 1: Feb. 3 (8 AM – 7:59 PM)</b>	Lecture/review videos released: 8 AM, Jan. 28 Topic 3 presentations due: 11:59 PM, Jan. 30 Topic 4 article choice due: 11:59 PM, Jan. 30 Topic 3 questions due: 11:59 PM, Feb. 3
UNIT 2	<b>WEEK 6/TOPIC 5</b> Prenatal Stress in Animals	Tuesday, Feb. 4 – Monday, Feb. 10 <b>(Munro Day: Friday, Feb. 7)</b>	Lecture videos released: 8 AM, Feb. 4 Topic 3 responses due: 11:59 PM, Feb. 6 Topic 4 presentations due: 11:59 PM, Feb. 6 Topic 5 article choice due: 11:59 PM, Feb. 6 Topic 4 questions due: 11:59 PM, Feb. 10
	<b>WEEK 6/TOPIC 6</b> Prenatal Stress in Humans	Tuesday, Feb. 11 – Monday, Feb. 24 <b>(Winter Study Break: Feb. 17-23)</b>	Lecture videos released: 8 AM, Feb. 11 Topic 4 responses due: 11:59 PM, Feb. 13 Topic 5 presentations due: 11:59 PM, Feb. 13 Topic 6 article choice due: 11:59 PM, Feb. 13 Topic 5 questions due: 11:59 PM, Feb. 24
	<b>WEEK 7/TOPIC 7</b> Postnatal Care and Stress	Tuesday, Feb. 25 – Monday, Mar. 3 <b>TEST 2: Mar. 3 (8 AM – 7:59 PM)</b>	Lecture/review videos released: 8 AM, Feb. 25 Topic 5 responses due: 11:59 PM, Feb. 27 Topic 6 presentations due: 11:59 PM, Feb. 27 Topic 7 article choice due: 11:59 PM, Feb. 27 Project format choice due: 11:59 PM, Feb. 28 Topic 6 questions due: 11:59 PM, Mar. 3
UNIT 3	<b>WEEK 8/TOPIC 8</b> Social Determinants of Health	Tuesday, Mar. 4 – Monday, Mar. 10 <b>(Drop with a “W” date: Mar. 5)</b>	Lecture videos released: 8 AM, Mar. 4 Topic 6 responses due: 11:59 PM, Mar. 6 Topic 7 presentations due: 11:59 PM, Mar. 6 Topic 8 article choice due: 11:59 PM, Mar. 6 Topic 7 questions due: 11:59 PM, Mar. 10
	<b>WEEK 9/TOPIC 9</b> Vulnerability and Resilience	Tuesday, Mar. 11 – Monday, Mar. 17	Lecture videos released: 8 AM, Mar. 11 Topic 7 responses due: 11:59 PM, Mar. 13 Topic 8 presentations due: 11:59 PM, Mar. 13 Topic 9 article choice due: 11:59 PM, Mar. 13 Final project details quiz: by 11:59 PM, Mar. 14 Topic 8 questions due: 11:59 PM, Mar. 17
	<b>WEEK 10/TOPIC 10</b> The Future of DOHaD	Tuesday, Mar. 18 – Monday, Mar. 24 <b>TEST 3: Mar. 24 (8 AM – 7:59 PM)</b>	Lecture/review videos released: 8 AM, Mar. 18 Topic 8 responses due: 11:59 PM, Mar. 20 Topic 9 presentations due: 11:59 PM, Mar. 20 Topic 9 questions due: 11:59 PM, Mar. 24
	<b>WEEK 11/12</b>	Tuesday, Mar 25 – Friday, Apr. 4	Topic 9 responses due: 11:59 PM, Mar. 27 Final project due: 11:59 PM, Apr. 4

## SECTION B. DALHOUSIE UNIVERSITY POLICIES AND STATEMENTS

### 1. RECOGNITION OF MI'KMAQ TERRITORY

Dalhousie University would like to acknowledge that the University is on Traditional Mi'kmaq Territory. The Elders in Residence program provides students with access to First Nations elders for guidance, counsel, and support. Visit or e-mail the Indigenous Student Centre at 1321 Edward St or [elders@dal.ca](mailto:elders@dal.ca). Additional information regarding the Indigenous Student Centre can be found at: [https://www.dal.ca/campus\\_life/communities/indigenous.html](https://www.dal.ca/campus_life/communities/indigenous.html)

### 2. INTERNATIONALIZATION

At Dalhousie, 'thinking and acting globally' enhances the quality and impact of education, supporting learning that is "interdisciplinary, cross-cultural, global in reach, and orientated toward solving problems that extend across national borders." Additional internationalization information can be found at: <https://www.dal.ca/dept/clt/Transformative/Internationalization-and-Intercultural-Competency.html>

### 3. ACADEMIC INTEGRITY

At Dalhousie University, we are guided in all our work by the values of academic integrity: honesty, trust, fairness, responsibility, and respect. As a student, you are required to demonstrate these values in all the work you do. The University provides policies and procedures that every member of the university community is required to follow to ensure academic integrity. Additional academic integrity information can be found at: [https://www.dal.ca/dept/university\\_secretariat/academic-integrity.html](https://www.dal.ca/dept/university_secretariat/academic-integrity.html)

### 4. ACCESSIBILITY

The Student Accessibility Centre is Dalhousie's centre of expertise for matters related to student accessibility and accommodation. If there are aspects of the design, instruction, and/or experiences within this course (online or in-person) that result in barriers to your inclusion, please contact the Student Accessibility Centre ([https://www.dal.ca/campus\\_life/academic-support/accessibility.html](https://www.dal.ca/campus_life/academic-support/accessibility.html)) for all courses offered by Dalhousie with the exception of Truro. For courses offered by the Faculty of Agriculture, please contact the Student Success Centre in Truro ([https://www.dal.ca/campus\\_life/ssc/accessibility.html](https://www.dal.ca/campus_life/ssc/accessibility.html)).

### 5. CONDUCT IN THE CLASSROOM – CULTURE OF RESPECT

Substantial and constructive dialogue on challenging issues is an important part of academic inquiry and exchange. It requires willingness to listen and tolerance of opposing points of view. Consideration of individual differences and alternative viewpoints is required of all class members, towards each other, towards instructors, and towards guest speakers. While expressions of differing perspectives are welcome and encouraged, the words and language used should remain within acceptable bounds of civility and respect.

## 6. DIVERSITY AND INCLUSION – CULTURE OF RESPECT

Every person at Dalhousie has a right to be respected and safe. We believe inclusiveness is fundamental to education. We stand for equality. Dalhousie is strengthened in our diversity. We are a respectful and inclusive community. We are committed to being a place where everyone feels welcome and supported, which is why our Strategic Direction prioritizes fostering a culture of diversity and inclusiveness (Strategic Priority 5.2). Additional diversity and inclusion information can be found at: <https://www.dal.ca/dept/explore/Home/culture-of-respect.html>

## 7. STUDENT CODE OF CONDUCT

Everyone at Dalhousie is expected to treat others with dignity and respect. The Code of Student Conduct allows Dalhousie to take disciplinary action if students don't follow this community expectation. When appropriate, violations of the code can be resolved in a reasonable and informal manner - perhaps through a restorative justice process. If an informal resolution can't be reached, or would be inappropriate, procedures exist for formal dispute resolution. The Code of Student Conduct can be found at: <https://www.dal.ca/content/dam/www/about/leadership-and-governance/governing-bodies/code-student-conduct.pdf>

## 8. FAIR DEALING POLICY

The Dalhousie University Fair Dealing Policy provides guidance for the limited use of copyright protected material without the risk of infringement and without having to seek the permission of copyright owners. It is intended to provide a balance between the rights of creators and the rights of users at Dalhousie. Additional information regarding Dalhousie University's Fair Dealing Policy can be found at: <https://www.dal.ca/content/dam/www/about/leadership-and-governance/university-policies/fair-dealing-policy.pdf>

## 9. ORIGINALITY CHECKING SOFTWARE

The course instructor may use Dalhousie's approved originality checking software and Google to check the originality of any work submitted for credit, in accordance with the Student Submission of Assignments and Use of Originality Checking Software Policy. Students are free, without penalty of grade, to choose an alternative method of attesting to the authenticity of their work and must inform the instructor no later than the last day to add/drop classes of their intent to choose an alternate method. Additional information regarding Originality Checking Software can be found at: <https://www.dal.ca/content/dam/www/about/leadership-and-governance/university-policies/originality-software-policy.pdf>

## 10. STUDENT USE OF COURSE MATERIALS

Course materials are designed for use as part of this course at Dalhousie University and are the property of the instructor unless otherwise stated. Third party copyrighted materials (such as books, journal articles, music, videos, etc.) have either been licensed for use in this course or fall under an exception or limitation in Canadian Copyright law. Copying this course material for distribution (e.g., uploading to a commercial third-party website) may lead to a violation of Copyright law.

## SECTION C. STUDENT RESOURCES AND SUPPORT

### 1. UNIVERSITY POLICIES AND PROGRAMS

#### 1A. Important Dates in the Academic Year (including add/drop dates)

[https://www.dal.ca/academics/important\\_dates.html](https://www.dal.ca/academics/important_dates.html)

#### 1B. Classroom Recording Protocol

<https://www.dal.ca/content/dam/www/about/leadership-and-governance/university-policies/class-recording-protocol.pdf>

#### 1C. Dalhousie Grading Practices Policies

<https://www.dal.ca/content/dam/www/about/leadership-and-governance/university-policies/grading-practices-policy.pdf>

#### 1D. Grade Appeal Process

[https://www.dal.ca/campus\\_life/academic-support/grades-and-student-records/appealing-a-grade.html](https://www.dal.ca/campus_life/academic-support/grades-and-student-records/appealing-a-grade.html)

#### 1E. Sexualized Violence Policy

<https://www.dal.ca/content/dam/www/about/leadership-and-governance/university-policies/sexualized-violence-policy.pdf>

#### 1F. Scent-Free Program

<https://www.dal.ca/dept/safety/programs-services/occupational-safety/scent-free.html>

### 2. LEARNING AND SUPPORT RESOURCES

#### 2A. General Academic Support – Advising (Halifax)

[https://www.dal.ca/campus\\_life/academic-support/advising.html](https://www.dal.ca/campus_life/academic-support/advising.html)

#### 2B. General Academic Support – Advising (Truro)

[https://www.dal.ca/campus\\_life/ssc/academic-support/advising/academic-advisors.html](https://www.dal.ca/campus_life/ssc/academic-support/advising/academic-advisors.html)

#### 2C. Faculty of Science Advising Support

<https://www.dal.ca/faculty/science/current-students/undergrad-students/degree-planning.html>

#### 2D. Writing Centre

[https://www.dal.ca/campus\\_life/academic-support/writing-and-study-skills.html](https://www.dal.ca/campus_life/academic-support/writing-and-study-skills.html)

#### 2E. Study Skills/Tutoring

[http://www.dal.ca/campus\\_life/academic-support/study-skills-and-tutoring.html](http://www.dal.ca/campus_life/academic-support/study-skills-and-tutoring.html)

#### 2F. Student Health & Wellness Centre

[https://www.dal.ca/campus\\_life/health-and-wellness.html](https://www.dal.ca/campus_life/health-and-wellness.html)

#### 2G. On Track

[https://www.dal.ca/campus\\_life/academic-support/On-track.html](https://www.dal.ca/campus_life/academic-support/On-track.html)

#### 2H. Indigenous Student Centre

[https://www.dal.ca/campus\\_life/communities/indigenous.html](https://www.dal.ca/campus_life/communities/indigenous.html)

## **2I. Mi'kmaq and Indigenous Relations**

<https://www.dal.ca/about-dal/indigenous-connection.html>

## **2J. Elders-in-Residence**

<https://www.dal.ca/about/mission-vision-values/mikmaq-indigenous-relations/elders-in-residence-and-traditional-knowledge-keepers.html>

## **2K. Black Student Advising Centre**

[https://www.dal.ca/campus\\_life/communities/black-student-advising.html](https://www.dal.ca/campus_life/communities/black-student-advising.html)

## **2L. International Centre**

[https://www.dal.ca/campus\\_life/international-centre.html](https://www.dal.ca/campus_life/international-centre.html)

## **2M. South House Sexual and Gender Resource Centre**

<https://www.dsu.ca/ratified-societies/2023/7/5/x48ixck9n12fx3t9aau7nnq5e6d7rl-tasl4-8c37h-bc2xj>

## **2N. LGBTQ2SIA+ Collaborative:**

<https://www.dal.ca/about/mission-vision-values/equity-diversity-inclusion-and-accessibility/about-office-equity-inclusion/community-specific-groups/lgbtq2sia-collaborative.html>

## **2O. Dalhousie Libraries**

<https://libraries.dal.ca/>

## **2P. Copyright Office**

<https://libraries.dal.ca/services/copyright-office.html>

## **2Q. Dalhousie Student Advocacy Services**

<https://www.dsu.ca/dsas?rq=student%20advocacy>

## **2R. Dalhousie Ombudsperson**

[https://www.dal.ca/campus\\_life/safety-respect/ombudsperson.html](https://www.dal.ca/campus_life/safety-respect/ombudsperson.html)

## **2S. Human Rights and Equity Services**

<https://www.dal.ca/about/mission-vision-values/equity-diversity-inclusion-and-accessibility/about-office-equity-inclusion/human-rights-and-equity-services.html>

## **3. SAFETY INFORMATION**

### **3A. Biosafety**

<https://www.dal.ca/dept/safety/programs-services/biosafety.html>

### **3B. Chemical Safety**

<https://www.dal.ca/dept/safety/programs-services/chemical-safety.html>

### **3C. Radiation Safety**

<https://www.dal.ca/dept/safety/programs-services/radiation-safety.html>

### **3D. Laser Safety**

<https://www.dal.ca/dept/safety/programs-services/radiation-safety/laser-safety.html>