

**Faculty of Science Course Syllabus  
Department of Oceanography**

OCEA4201/4202

Honours Research Part 1 and 2

Fall and Winter 2022/2023

*Dalhousie University is located in Mi'kma'ki, the ancestral and unceded territory of the Mi'kmaq. We are all Treaty people.*

*We acknowledge the histories, contributions, and legacies of the African Nova Scotian people and communities who have been here for over 400 years.*

**Instructor(s):** Dr. Carolyn (Carly) Buchwald [cbuchwald@dal.ca](mailto:cbuchwald@dal.ca) LSC Ocean Wing Rm 4676

**Lectures:** Wed 10:05 to 11:25am LSC Ocean Wing Rm 3652

**Course delivery:** In-person

**Office Hours:** by appointment, virtual (Zoom, MS Teams) and in-person.

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**Course Description**

*This course provides students guidance for completing their Concentrated Honours in Ocean Science. In Part 1 students will have a series of weekly meetings and also be expected to present short presentations to the class on their thesis.*

**Course Prerequisites**

Permission given by instructor, based on approval of Honours requirements by the oceanography undergraduate advisor

**Course Exclusion**

OCEA 4200.06

**Learning Objectives**

- How to conduct background research through literature reviews;
- How to construct and organized message;
- How to analyze and present data in a useful way;
- How to present research to a mixed audience;

**Course Materials**

**Brightspace-** This is where you'll find the class announcements, course readings, dropbox for submitting assignments, and discussion boards for questions and assignments.

## Course Assessment

Component	Weight (% of final grade)	Date
Thesis background presentation	5%	Nov 2
Thesis data presentation	5%	Nov 30
CDOGS poster presentation	10%	TBD
Honours Thesis	80%	April 11

### Conversion of numerical grades to Final Letter Grades follows the Dalhousie Common Grade Scale

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

### Course Policies on Missed or Late Academic Requirements

Due dates are firm. Late assignments will incur a penalty of 2% per day. Exception: mutual agreement of professor and student(s). Students are expected to use the Student Declaration of Absence form for late or missed requirements during the term. [Student Declaration of Absence Form](#)

### Course Policies related to Academic Integrity

University regulations on plagiarism and cheating will be strictly enforced.

#### ACADEMIC INTEGRITY

[http://www.dal.ca/dept/university\\_secretariat/academic-integrity.html](http://www.dal.ca/dept/university_secretariat/academic-integrity.html)

At Dalhousie University, we are guided in all of our work by the values of academic integrity: honesty, trust, fairness, responsibility and respect (The Center for Academic Integrity, Duke University, 1999). As a student, you are required to demonstrate these values in all of 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.

#### **Plagiarism**

[https://www.dal.ca/dept/university\\_secretariat/academic-integrity/plagiarism-cheating.html](https://www.dal.ca/dept/university_secretariat/academic-integrity/plagiarism-cheating.html)

Dalhousie University defines plagiarism as "the submission or presentation of the work of another as if it were one's own."

Plagiarism is a serious academic offence. A finding of plagiarism may result in a **failing grade** of an assignment or course or, if very serious **suspension** or **expulsion** from the university. In fact, if plagiarism is discovered after a student has completed his or her studies, and the penalty results in that student no

longer meeting the requirements of a degree that has been awarded, the university may **rescind** that degree.

*Some examples of plagiarism:*

- **Failure to attribute authorship** when using sources such as written or oral work, computer codes/programs, artistic or architectural works, scientific projects, performances, web page designs, graphical representations, diagrams, videos, and images.
- Downloading all or part of the work of another from the Internet and **submitting as one's own**.
- **The use of a paper** prepared by any person other than the individual claiming to be the author.

*Plagiarism is committed when you do not acknowledge using someone else's:*

- words or phrases
- ideas or thoughts
- term paper
- recording
- images
- computer code
- experiment results
- lecture content
- falsified data, citations or other text
- OR your own previously submitted work

*Plagiarized materials can come from:*

- books
- journal articles
- CD's
- encyclopedias
- web pages
- online term papers
- email or listservs
- talks or lecture

### **Other Cheating**

[https://www.dal.ca/dept/university\\_secretariat/academic-integrity/plagiarism-cheating/other-cheating.html](https://www.dal.ca/dept/university_secretariat/academic-integrity/plagiarism-cheating/other-cheating.html)

**Plagiarism is only one type of academic dishonesty. The Academic Calendar also identifies other types of cheating including:**

- **falsifying data** in reports, theses, dissertations and other presentations
- attempting to complete, by **irregular procedures**, any requirements for a class (this may include attempts to cheat)
- **collaborating** on an assignment unless specifically allowed by professor
- providing or **obtaining access**, without permission, to tests, assignments, essays or term papers
- writing an examination or test **for someone else**
- attempting to obtain or accepting assistance from any other person **during an examination** or test
- using or **having material** in an exam that is not specifically approved by the instructor

- **obtaining a copy** of an examination or test, topic for an essay or paper, or other work
- submitting any work for academic credit when one is not the **sole author** or creator
- submitting any work that has been **previously accepted** for academic credit
- **aiding** in the commission of an academic offence by lending another student an assignment knowing that he or she may copy it for submission or allowing another student to copy answers during an examination
- providing false or **misleading information** during an investigation of a suspected academic offence

### **Course Content**

The content of this course will be subject to change to change based on interest of students. We will have a dialogue throughout the course to tailor the class time to activities that will be most helpful to you.

<b>Date</b>	<b>Lecture</b>
Sept 7	Introduction
Sept 14	Discussion on grad school applications and other careers
Sept 21	Advanced library skills
Sept 28	Reviews of past theses
Oct 5	Message box / elevator speech
Oct 12	<b>NO CLASS</b>
Oct 19	Time to work on presentations
Oct 26	Effective Figures and Tables
Nov 2	Presentations on Thesis Background
Nov 9	<b>NO CLASS</b>
Nov 16	Critiquing data figures
Nov 23	Time to work on presentations
Nov 30	Data Presentations

## University Policies and Statements

**This course is governed by the academic rules and regulations set forth in the University Calendar and by Senate**

### Academic Integrity

At Dalhousie University, we are guided in all of our work by the values of academic integrity: honesty, trust, fairness, responsibility and respect (The Center for Academic Integrity, Duke University, 1999). As a student, you are required to demonstrate these values in all of 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.

**Information:** [https://www.dal.ca/dept/university\\_secretariat/academic-integrity.html](https://www.dal.ca/dept/university_secretariat/academic-integrity.html)

### Accessibility

The Advising and Access Services Centre is Dalhousie's centre of expertise for student accessibility and accommodation. The advising team works with students who request accommodation as a result of a disability, religious obligation, or any barrier related to any other characteristic protected under Human Rights legislation (Canada and Nova Scotia).

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

### 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.

**Code:** [https://www.dal.ca/dept/university\\_secretariat/policies/student-life/code-of-student-conduct.html](https://www.dal.ca/dept/university_secretariat/policies/student-life/code-of-student-conduct.html)

### 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

**Statement:** <http://www.dal.ca/cultureofrespect.html>

### 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 (1321 Edward St) ([elders@dal.ca](mailto:elders@dal.ca)).

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

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

<https://academiccalendar.dal.ca/Catalog/ViewCatalog.aspx?pageid=viewcatalog&catalogid=117&chapterid=-1&topicgroupid=31821&loadusercredits=False>

### University Grading Practices

[https://www.dal.ca/dept/university\\_secretariat/policies/academic/grading-practices-policy.html](https://www.dal.ca/dept/university_secretariat/policies/academic/grading-practices-policy.html)

## Student Resources and Support

### Advising

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

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

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

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

**International Centre:** [https://www.dal.ca/campus\\_life/international-centre/current-students.html](https://www.dal.ca/campus_life/international-centre/current-students.html)

### **Academic supports**

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

**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)

**Studying for Success:** [https://www.dal.ca/campus\\_life/academic-support/study-skills-and-tutoring.html](https://www.dal.ca/campus_life/academic-support/study-skills-and-tutoring.html)

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

**Fair Dealing Guidelines** <https://libraries.dal.ca/services/copyright-office/fair-dealing.html>

### **Other supports and services**

**Student Health & Wellness Centre:** [https://www.dal.ca/campus\\_life/health-and-wellness.html](https://www.dal.ca/campus_life/health-and-wellness.html)

**Student Advocacy:** <https://dsu.ca/dsas>

**Ombudsperson:** [https://www.dal.ca/campus\\_life/safety-respect/student-rights-and-responsibilities/where-to-get-help/ombudsperson.html](https://www.dal.ca/campus_life/safety-respect/student-rights-and-responsibilities/where-to-get-help/ombudsperson.html)

### **Safety**

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

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

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

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

**Dalhousie COVID-19 information and updates:** <https://www.dal.ca/covid-19-information-and-updates.html>