

**CGSC3301-B, Winter 2022**  
**Language and Cognitive Science (CRN: 10800)**

**Ida Toivonen**  
Carleton University

December 16, 2021

## **1 General Information**

**Time** Tuesdays and Thursday, 4:05-5:25PM

**Place** Mackenzie Building 3380

On Zoom: Jan 11, Feb 15, 17, March 1, 29, 31

**Instructor** Ida Toivonen

**Email** ida.toivonen@carleton.ca

**Web** <http://www.carleton.ca/toivonen/>

**Phone** 613-520-2600 x1202

**Office** 2206 Dunton Tower

**Office hours** Mondays 1-2pm on Zoom or by arrangement

## **2 Teaching assistant**

**Teaching Assistant** TBA

## **3 Prerequisites**

Third-year standing and CGSC 2001.

## **4 Course Description**

This course will introduce a number of topics that relate to language and cognition. We will consider how linguistic knowledge interacts with other areas of cognition. The class will mainly rely on readings, but we will also analyze data that are based on our own judgements and recordings. The main topics are vowel sounds (acoustic and phonological characteristics and variation), evidentiality, animacy, music, and language attitudes.

## **5 Evaluation**

The evaluation consists of six assignments (45% total), one Brightspace quiz (10%), and a paper (45%; the paper mark is divided into 5% for a description of your paper topic and 40% for the actual paper).

The letter grades assigned in this course will have the percentage equivalents provided in the Carleton University Undergraduate Calendar (p 30).

## 6 Student requirements

Students are required to attend classes or view assigned recordings, do the readings, complete all assignments, and write a paper. Students must keep copies of any submitted work.

## 7 Readings

- Aikhenvald, Alexandra Y. 2018. Evidentiality: the Framework. In Aikhenvald (ed.) *The Oxford Handbook of Evidentiality*. Oxford: OUP.
- Bugaiska A, Grégoire L, Camblats A-M, Gelin M, Mot A, & Bonin P. 2019. Animacy and attentional processes: Evidence from the Stroop task. *Quarterly Journal of Experimental Psychology*, 72(4):882-889.
- Clarke, S., Elms, F., & Youssef, A. 1995. The third dialect of English: Some Canadian evidence. *Language Variation and Change*, 7(2), 209-228.
- Jackendoff, Ray. 2007. Mental Structure. Chapter 1 of *Language, Consciousness, Culture: Essays on Mental Structure*. Cambridge, MA: MIT Press.
- Marly Mageau, Can Mekik, Ashley Sokalski, & Ida Toivonen. 2019. Detecting foreign accents in song. *Phonetica* 76 (6): 429-447.

## 8 Student requirements

Students should come to class and complete the assignments listed above. keep copies of any submitted work. Students must complete the assigned readings before class on the dates listed on the syllabus (see the final page of this course outline). Please familiarize yourself with the policies outlined below.

### 8.1 Submission Policies

You should submit your work on Brightspace.

### 8.2 Missed assignments

All assignments and papers must be submitted by the deadline. If you think you will not be able to submit your assignment in time (because of illness or bereavement), contact me as soon as possible to make alternate arrangements. If any of your work is handed in late, you may receive no credit or reduced credit for it.

### 8.3 Policy on collaborative work

Students are allowed to discuss their work with other students. However, each student must write up their papers and assignments individually. The work you submit must be your own. Copying is not allowed. Please see section 8.4.

### 8.4 Statement Regarding Plagiarism

The Senate of the University has labeled plagiarism an instructional offence. For the University's purposes, plagiarism is "presenting, whether intentionally or not, the ideas, expression of ideas or work of others as one's own". Plagiarism is a serious offence that cannot be resolved directly by the course's instructor. The Associate Dean of the Faculty conducts a rigorous investigation, including an interview with the student, when an instructor suspects a piece of work has been plagiarized. Penalties are not trivial. They can include a final grade of "F" for the course. For more information, please go to the following web page: <https://carleton.ca/registrar/academic-integrity/>

## 8.5 Copyright policy

Student or professor materials created for this course (including presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the author(s). They are intended for personal use and may not be reproduced or redistributed without prior written consent of the author(s). The PowerPoint presentations, lecture videos, lectures notes, and other materials available to you on Brightspace may not be distributed online.

## 9 Covid

All members of the Carleton community are required to follow COVID-19 prevention measures and all mandatory public health requirements (e.g. wearing a mask, physical distancing, hand hygiene, respiratory and cough etiquette) and mandatory self-screening prior to coming to campus daily.

If you feel ill or exhibit COVID-19 symptoms while on campus or in class, please leave campus immediately, self-isolate, and complete the mandatory symptom reporting tool. For purposes of contact tracing, attendance will be recorded in all classes and labs. Participants can check in using posted QR codes through the cuScreen platform where provided. Students who do not have a smartphone will be required to complete a paper process as indicated on the COVID-19 website.

All members of the Carleton community are required to follow guidelines regarding safe movement and seating on campus (e.g. directional arrows, designated entrances and exits, designated seats that maintain physical distancing). In order to avoid congestion, allow all previous occupants to fully vacate a classroom before entering. No food or drinks are permitted in any classrooms or labs.

For the most recent information about Carleton's COVID-19 response and required measures, please see the University's COVID-19 webpage and review the Frequently Asked Questions (FAQs). Should you have additional questions after reviewing, please contact [covidinfo@carleton.ca](mailto:covidinfo@carleton.ca)

Please note that failure to comply with University policies and mandatory public health requirements, and endangering the safety of others are considered misconduct under the Student Rights and Responsibilities Policy. Failure to comply with Carleton's COVID-19 procedures may lead to supplementary action involving Campus Safety and/or Student Affairs.

## 10 Request for academic accommodation

You may need special arrangements to meet your academic obligations during the term. For an accommodation request, the processes are as follows:

### 10.1 Pregnancy obligation

Please contact your instructor with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details, visit the Equity Services website: [carleton.ca/equity/wp-content/uploads/Student-Guide-to-Academic-Accommodation.pdf](https://carleton.ca/equity/wp-content/uploads/Student-Guide-to-Academic-Accommodation.pdf)

### 10.2 Religious obligation

Please contact your instructor with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details, visit the Equity Services website: [carleton.ca/equity/wp-content/uploads/Student-Guide-to-Academic-Accommodation.pdf](https://carleton.ca/equity/wp-content/uploads/Student-Guide-to-Academic-Accommodation.pdf)

### 10.3 Academic Accommodations for Students with Disabilities

If you have a documented disability requiring academic accommodations in this course, please contact the Paul Menton Centre for Students with Disabilities (PMC) at 613-520-6608 or [pmc@carleton.ca](mailto:pmc@carleton.ca) for a formal evaluation or contact your PMC coordinator to send your instructor your Letter of Accommodation at the beginning of the term. You must also contact the PMC no later than two weeks before the first in-class

scheduled test or exam requiring accommodation (if applicable). After requesting accommodation from PMC, meet with your instructor as soon as possible to ensure accommodation arrangements are made. [carleton.ca/pmc](https://carleton.ca/pmc)

## 10.4 Survivors of Sexual Violence

As a community, Carleton University is committed to maintaining a positive learning, working and living environment where sexual violence will not be tolerated, and survivors are supported through academic accommodations as per Carleton's Sexual Violence Policy. For more information about the services available at the university and to obtain information about sexual violence and/or support, visit: [carleton.ca/sexual-violence-support](https://carleton.ca/sexual-violence-support)

## 10.5 Accommodation for Student Activities

Carleton University recognizes the substantial benefits, both to the individual student and for the university, that result from a student participating in activities beyond the classroom experience. Reasonable accommodation must be provided to students who compete or perform at the national or international level. Please contact your instructor with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. <https://carleton.ca/senate/wp-content/uploads/Accommodation-for-Student-Activities-1.pdf> For more information on academic accommodation, please contact the departmental administrator or visit: [students.carleton.ca/course-outline](https://students.carleton.ca/course-outline)

# 11 Resources

Carleton University: 613-520-2600	
Department of Cognitive Science (ext. 2522) <a href="https://carleton.ca/cognitivescience/">https://carleton.ca/cognitivescience/</a>	2201 DT (Dunton Tower) cogsci@carleton.ca
Registrar's Office (ext. 3500) <a href="https://carleton.ca/registrar/">https://carleton.ca/registrar/</a>	300 Tory registrar@carleton.ca
Student Academic and Career Development Services (ext. 7850)	302 Tory career@carleton.ca
Paul Menton Centre (ext. 6608) 501 University Centre	<a href="https://carleton.ca/pmc/">https://carleton.ca/pmc/</a> PMC@Carleton.cc
Writing Tutorial Service (ext. 1125) <a href="https://carleton.ca/csas/writing-services/">https://carleton.ca/csas/writing-services/</a>	4th floor Library csas@carleton.ca
Learning Support Services (ext. 1125) <a href="https://carleton.ca/csas/learning-support/">https://carleton.ca/csas/learning-support/</a>	4th floor Library csas@carleton.ca

### 11.1 Academic advising

Undergraduate advising, DCS:

Undergraduate advisor: Melissa Lett: [melissa.lett@carleton.ca](mailto:melissa.lett@carleton.ca)

Graduate advisor:

Uzma Khan: [uzma.khan@carleton.ca](mailto:uzma.khan@carleton.ca)

Advisors can answer questions concerning:

- Course selection and meeting program requirements
- Your audit and transfer credits
- Gaining access to courses that are closed

- Information concerning prerequisites and preclusions
- Course equivalencies and substitutions
- Information about whether to pursue the (Honours Project Course) or the Thesis stream and CGPA requirements
- Community Practicum Course
- Concentrations
- Exchanges and course selection

## 12 Due dates

Assignment 1	January 13	5%
Assignment 2	January 20	10%
Assignment 3	January 25	5%
Assignment 4	February 1	5%
Assignment 5	February 3	10%
Assignment 6	March 3	10%
On-line quiz	March 29	10%
Paper topic	April 7	5%
Paper	April 28	40%

## 13 Course Schedule

	<u>TOPICS</u>	<u>TASKS</u>
Jan	<span style="border: 1px solid black; padding: 2px;">11</span> Intro	
	13 Language and music	<b>HWK 1</b>
	18 Language and music	Mageau et al. (2019)
	20 Language and music	<b>HWK 2</b>
	25 Language and music	<b>HWK 3</b>
	27 Vowels	
Feb	1 Vowels	<b>HWK 4</b>
	3 Vowels	<b>HWK 5</b>
	8 Vowels	Clarke et al. (1995)
	10 Term paper	
	<span style="border: 1px solid black; padding: 2px;">15</span> Animacy	
	<span style="border: 1px solid black; padding: 2px;">17</span> Animacy	Bugaiska et al. (2019)
	READING WEEK	
March	<span style="border: 1px solid black; padding: 2px;">1</span> Animacy	
	3 Animacy	<b>HWK 6</b>
	8 Language attitudes	
	10 Language attitudes	
	15 Language attitudes	
	17 Evidentiality	
	22 Evidentiality	Aikhenvald (2018)
	24 Evidentiality	
	<span style="border: 1px solid black; padding: 2px;">29</span> Evidentiality	<b>quiz</b>
	<span style="border: 1px solid black; padding: 2px;">31</span> Term paper	
April	5 Modelling language	Jackendoff (2007)
	7 Modelling language	<b>paper topic</b>
	12 Summing up	