

Cognitive Science of Language 730 **LANGUAGE ANALYSIS METHODS: PHONOLOGY AND MORPHOLOGY**

Syllabus Fall 2022

Instructor: Dr. Daniel Pape
Email: paped@mcmaster.ca
Office hours: by appointment

OBJECTIVES

This course is a foundational course whose aim is to ensure that students are familiar with current approaches and issues in the areas of phonology. Students will work through complex cross-linguistic data from a variety of approaches in order to evaluate the effectiveness of particular theoretical models in handling phonological and phonetic phenomena.

These objectives will be met by lectures and student presentations about the major questions in modern phonetics/phonology and their discussion in class. There will be only a limited amount of lecturing.

TEXTBOOK

Readings will include book chapters and scientific papers.

GRADING COMPONENTS

Grading of all evaluation components will be on a scale of 0 to 12, corresponding to letter marks. The final grade is a weighted average of these marks.

In class participation is worth **14%** (10 participations for 10 weeks is worth 14% of the final grade, lower participation is rated accordingly in a linear manner).

Each student has to prepare an oral presentation (30 minutes plus 15 minutes for discussion) about a selected trending phonological/phonetic topic that interfaces with his/her area of study. The topics will be discussed in one of the first lectures. This oral presentation contributes **20%** towards the final mark. Additionally, for this same area of research, a extensive research proposal (two pages - including literature overview, extensive methods section with accurate experimental description, and expected results and hypotheses; references do not have to fit on the two pages but have to be included in the proposal) has to be handed in at the final class. This research proposal contributes **30%** towards the final mark.

Three assignments (phoneme categories, articulatory phonology, (speech) acoustics) count 12% each (thus **36%** in total).

The syllabus describes the chapter themes for each week. These themes will be lectured on or discussed in class or be presented by students. All student presentations will be held in class and then the slides will be posted on Avenue.

For late assignments up to 72 hours 15% will be deducted from the grade. Being late more than 72 hours on an assignment results in a grade of zero for that assignment.

The syllabus below is only a rough outline and will be updated on Avenue when needed.

Tentative Weekly Syllabus (to be revised and updated)

Week	Theme	Assignments/Tasks
1: Sept 14	Introduction: Phonology-Phonetics; IPA table, Phoneme inventory and languages of the world, Acoustic descriptions	
2: Sept 21	Introduction (continued)	
3: Sept 28	Phonological representations and categorical perception, Features	
4: Oct 5	Phonological representations and categorical perception, Features – Practical exercises	Assignment 1 given – Phoneme categories: Phonetic vowel system and VOT boundaries for your native language – due date 14 days later
Oct 12	Reading week	

Week	Theme	Assignments/Tasks
7: Oct 19	Recording and Acoustics for Phonological and Phonetic Research	
6: Oct 26	Optimality theory	Assignment 2 given: (Speech) Acoustics – due date 14 days later
5: Nov 2	Articulatory Phonology - Theory	
8: Nov 9	Articulatory Phonology – Practical Exercises	Assignment 3 given: Articulatory Phonology – due date 14 days later
8: Nov 16	Student presentations I: <ul style="list-style-type: none"> • Pres1: • Pres2: 	
10: Nov 23	Student presentations II: <ul style="list-style-type: none"> • Pres3: • Pres4: Extra content tbd	
11: Nov 30	Student presentations II : <ul style="list-style-type: none"> • Pres5: • Pres6: • Pres7: 	
12: Dec 7	Final student presentations: <ul style="list-style-type: none"> • Pres8: • Pres9: • Pres10: • 	Due date (+1 week): Research proposals based on the presented chapters on Avenue due date Upload student presentations to Avenue (assignments folder)

PLEASE NOTE THE FOLLOWING POLICIES AND STATEMENTS

Academic Dishonesty

You are expected to exhibit honesty and use ethical behaviour in all aspects of the learning process. Academic credentials you earn are rooted in principles of honesty and academic integrity.

Academic dishonesty is to knowingly act or fail to act in a way that results or could result in unearned academic credit or advantage. This behaviour can result in serious consequences, e.g. the grade of zero on an assignment, loss of credit with a notation on the transcript (notation reads: "Grade of F assigned for academic dishonesty"), and/or suspension or expulsion from the university.

It is your responsibility to understand what constitutes academic dishonesty. For information on the various types of academic dishonesty please refer to the Academic Integrity Policy, located at www.mcmaster.ca/academicintegrity

The following illustrates only three forms of academic dishonesty:

1. Plagiarism, e.g. the submission of work that is not one's own or for which other credit has been obtained.
2. Improper collaboration in group work.
3. Copying or using unauthorized aids in tests and examinations.

Email correspondence policy

It is the policy of the Faculty of Humanities that all email communication sent from students to instructors (including TAs), and from students to staff, must originate from each student's own McMaster University email account. This policy protects confidentiality and confirms the identity of the student. Instructors will delete emails that do not originate from a McMaster email account.

Modification of course outlines

The University reserves the right to change dates and/or deadlines etc. for any or all courses in the case of an emergency situation or labour disruption or civil unrest/disobedience, etc. If a modification becomes necessary, reasonable notice and communication with the students will be given with an explanation and the opportunity to comment on changes. Any significant changes should be made in consultation with the Department Chair.

McMaster Student Absence Form (MSAF)

In the event of an absence for medical or other reasons, students should review and follow the Academic Regulation in the Undergraduate Calendar Requests for Relief for Missed Academic Term Work. Please note these regulations have changed beginning Fall 2015. You can find information at mcmaster.ca/msaf/. If you have any questions about the MSAF, please contact your Associate Dean's office.

Academic Accommodation of Students with Disabilities

Students who require academic accommodation must contact Student Accessibility Services (SAS) to make arrangements with a Program Coordinator. Academic accommodations must be arranged for each term of study. Student Accessibility Services can be contacted by phone 905-525-9140 ext. 28652 or e-mail sas@mcmaster.ca. For further information, consult McMaster University's Policy for [Academic Accommodation of Students with Disabilities](#).

Academic Accommodation for Religious, Indigenous and Spiritual Observances

Students requiring academic accommodation based on religion and spiritual observances should follow the procedures set out in the Course Calendar or by their respective Faculty. In most cases, the student should contact his or her professor or academic advisor as soon as possible to arrange accommodations for classes, assignments, tests and examinations that might be affected by a religious holiday or spiritual observance.