

LING 4010/401-001: Introduction to Phonetics and Phonology

Fall 2023

3 credit hours

Instructor

Seung Kyung Kim, PhD

seungkyung.kim@utah.edu

Office: LNCO 2303

In-person office hours: By appointment

Virtual office hours: By appointment

When & Where

Tue, Thu at 9:10 am - 10:30 pm in **GC 1770**

Course Description

Overview

Analysis of the sounds of the world's spoken languages, with a focus on their articulatory, acoustic, and perceptual properties. Analysis of the systematic organization of speech sounds in the world's languages. Additional topics may include the phonetics and phonology of signed languages, the acquisition of phonetics and phonology by children and adults, and social variation in language production and comprehension.

Prerequisite

LING1069 or LING1200

Textbook

- There is no official textbook for this course. However, students are encouraged to use the following book to reinforce and complement their learning. Students can freely access the book electronically via the university library.
 - Zsiga, Elizabeth (2013). *The Sounds of Language: An Introduction to Phonetics and Phonology*. Wiley-Blackwell. ISBN: 978-1405191036
- Note: When there are discrepancies between lecture notes/slides and the book (and there will be), students should always follow lecture notes/slides.

Technology

- Students need regular and reliable access to a laptop/computer with internet access. A tablet computer is probably *not* sufficient to fully participate in the course.
- For some homework assignments, students will need a speech analysis software. Most popular among phoneticians is called Praat (<http://www.praat.org>), free and available for Windows, Macintosh, and Linux operating systems.

Course Goals

- Identify the parts of the vocal tract and their roles in speech production
- Practice perceiving and producing (as best as you can) sounds of the world's languages
- Understand basic acoustic properties of different speech sounds
- Describe the processes involved in speech perception

- Describe the sounds and sound patterns of a familiar language using phonetic symbols and phonological rules
- Provide a phonological analysis of an unfamiliar language given sufficient data
- Practice and improve analytical skills

Course Details

Attendance and Participation

- Coming to class is essential for your success in this course. Without coming to class, you will likely struggle on homework assignments and the exams.
- The most important learning materials in this course are lecture notes/slides covered in class. They will be posted on Canvas.
- I will not take formal attendance. If you miss a class meeting, it is your responsibility to consult one of your fellow students to get notes and catch up.
- Class participation is important. Speak up, ask questions, and confirm your understanding. Remember to give others a chance to do the same.

Reading

- There is no required reading for the course. However, relevant reading will be suggested throughout the semester, mostly from Zsiga (2013). See the textbook section above for details.
- Students are strongly recommended to engage with the reading, as it will enhance and deepen understanding of course materials.
- Variations and discrepancies in notational conventions and theoretical assumptions are common and expected among different sources and readings. For assignments and exams, students should always follow the conventions and systems introduced in class by the instructor.

Small Assignments

- There will be about fifteen Small Assignments throughout the semester. That is, there will be roughly one Small Assignment per week.
- Otherwise indicated, your work should be typed and submitted via Canvas.
- These assignments will receive a grade of 2, 1.5, 1 or 0 points. 2 = complete/thoughtful; 1.5 = complete/thoughtful; 1 = incomplete/not sufficiently thoughtful; 0 = missing.
- Late work will not be accepted for these assignments; however, your lowest three grades will be dropped.

Major Assignments

- There will be **five Major Assignments** throughout the semester.
- Major Assignments are much larger and more involved than Small Assignments. Each Major Assignment will make up 10% of your grade.
- Otherwise indicated, your work should be typed and submitted via Canvas.
- Late submissions are allowed (**up to 48 hours**) with penalty (10% per 24 hours) for these assignments.
- While you may discuss assignments with classmates, you must write up your own answers individually.

Exams

- There will be two in-class exams during the semester.
- No make-up exam will be allowed (barring serious documented emergencies).

Experiment Participation (Extra Credit)

- In this course students can earn up to a total of **2 extra credits** for participation in linguistics studies. Different studies offer different number of credits, so check before you sign up. Even if you earn more than 2 credits, only 2 credits will be counted.
- For more information and to sign up for linguistics studies, please visit <https://sites.google.com/view/speech-acquisition-lab/participate-in-experiments>.
- If you need accommodation of any kind, have a question about accommodation, and/or prefer to complete an alternative assignment for any reason, please create a Sona account and then email speechacquisitionlab@gmail.com. Arrangements for alternative assignments must be made before the semester's add/drop deadline.
- If no study appointments are available, check back later, as new appointments are added periodically.
- If you have any questions or concerns regarding the Linguistics Study Pool or the Sona sign-up system, please contact the Linguistic Study Pool coordinators at speechacquisitionlab@gmail.com.

Grading

- Small Assignments: 20%
- Major Assignments: 50% (10% each)
- Exams: 30% (15% each)
- Extra credit: SONA experiments, up to 2% (1 SONA credit = 1 %)

Grade Scale

94 – 100	A	74 – 76.9	C
90 – 93.9	A-	70 – 73.9	C-
87 – 89.9	B+	67 – 69.9	D+
84 – 86.9	B	64 – 66.9	D
80 – 83.9	B-	60 – 63.9	D-
77 – 79.9	C+	0 – 59.9	E

Course Policies

Communication

- The best way to communicate with me is to send an email to seungkyung.kim@utah.edu.
- When you email, please put **[LING4010]** at the beginning of the subject line. Prefixing subject lines like this is a good practice to help the receiver to recognize the nature of the email quickly.
- You can also use Inbox on Canvas to send me a message.
- When you have questions about course schedules, content, and assignments that other students can also benefit from, please post your question on the Community Board on the course page on Canvas.
- I will respond to your questions within 48 hours (excluding weekends and holidays).
- **Don't hesitate to come to the office hours or to schedule a meeting with me when you have any questions or concerns.**

Accommodation

Accommodations will be considered on an individual basis and may require documentation. Please contact me as soon as possible to request accommodation of any kind.

Academic Honesty and Integrity

It is expected that students adhere to University of Utah policies regarding academic honesty, including but not limited to refraining from cheating, plagiarizing, misrepresenting one's work, and/or inappropriately collaborating. This includes the use of generative artificial intelligence (AI) tools without citation, documentation, or authorization. Students are expected to adhere to the prescribed professional and ethical standards of the profession/discipline for which they are preparing. Any student who engages in academic dishonesty or who violates the professional and ethical standards for their profession/discipline may be subject to academic sanctions as per the University of Utah's Student Code: <https://regulations.utah.edu/academics/6-410.php>.

Department of Linguistics' Commitment to Diversity and Inclusion

Our classrooms provide opportunities to embrace diversity and promote equity. As educators, we commit to engaging *all* students in higher education. This commitment requires that we are willing to listen, learn and change; that our classrooms challenge assumptions; and that all members of our community are responsible for creating and maintaining a safe space for learning and growth. Respectful debate and civil disagreement are encouraged and expected; mocking, belittling, and bullying will not be tolerated.

University Policies

The Americans with Disabilities Act

The University of Utah seeks to provide equal access to its programs, services, and activities for people with disabilities. If you will need accommodations in this class, reasonable prior notice needs to be given to the Center for Disability & Access, 162 Olpin Union Building, (801) 581-5020. CDS will work with you and the instructor to make arrangements for accommodations. All written information in this course can be made available in an alternative format with prior notification to the Center for Disability & Access.

Addressing Sexual Misconduct

Title IX makes it clear that violence and harassment based on sex and gender (which includes sexual orientation and gender identity/expression) is a civil rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, color, religion, age, status as a person with a disability, veteran's status or genetic information. If you or someone you know has been harassed or assaulted, you are encouraged to report it to the Title IX Coordinator in the Office of Equal Opportunity and Affirmative Action, 135 Park Building, 801-581-8365, or the Office of the Dean of Students, 270 Union Building, 801-581-7066. For support and confidential consultation, contact the Center for Student Wellness, 426 SSB, 801-581-7776. To report to the police, contact the Department of Public Safety, 801-585-2677(COPS).

University Safety Statement

The University of Utah values the safety of all campus community members. To report suspicious activity or to request a courtesy escort, call campus police at 801-585-COPS (801-585-2677). You will receive important emergency alerts and safety messages regarding campus safety via text message. For more information regarding safety and to view available training resources, including helpful videos, visit safeu.utah.edu.

Tentative Course Schedule

This is a tentative schedule and details can (and probably will) change. It is your responsibility to stay updated with the most up-to-date information (communicated via in-class announcements and Canvas).

Week	Date	Topic	Assignment Due (Tentative)
1	8/22	Introduction	
	8/24	Basic Articulation	
2	8/29	Consonants: Place of Articulation	
	8/31	Consonants: Manner	
3	9/5	Vowels	
	9/7	Transcription	
4	9/12	Aerodynamics: Non-Pulmonic Sounds	
	9/14	Basic Acoustics	
5	9/19		HW1
	9/21	Vowel Acoustics	
6	9/26	Consonant Acoustics	
	9/28	PRAAT	
7	10/3	Review	HW2
	10/5	Midterm Exam	
8	10/10	Fall Break	
	10/12		
9	10/17	Speech Perception Basics	
	10/19	Categorical Perception	
10	10/24	Contrast & Distribution	
	10/26		HW3
11	10/31	Phonological Processes	
	11/2	Distinctive Features	
12	11/7		
	11/9		
13	11/14	Natural Classes & Phonological Rules	
	11/16		
14	11/21	Derivation & Rule Ordering	HW4
	11/23	Thanksgiving Holiday (No Class)	
15	11/28		
	11/30	Syllables	
16	12/5	Review	HW5
	12/7	Final Exam 8:30 – 10:30 am	<i>Final exam is going to be on either 12/7 or 12/15. The date will be determined on the first day of class.</i>
	12/15 (FRIDAY)	Final Exam 8 – 10 am (if 12/7 does not work for students)	