

Linguistics/Anthropology 515 - Spring 2018  
**Phonological Analysis**  
T/Th 9:30 pm - 10:45 pm in Whitehall 243

Instructor: Kevin B. McGowan  
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Office Hours: T 1:00 - 3:00pm in MDS 160  
or <http://kbmc.youcanbook.me/>

### Course Description and Goals

This course is designed to do two things:

1. Survey some basic phonological data: How do speech sounds work, pattern, and interact across the world's languages? Why can't \*bnick or \*fnaishl be a word of English? Why does your Japanese friend think you get a Big Mac at Makudonarudo? What properties do sound patterns share across every language in the world, and in what general ways do they differ? Much of this course will focus on patterns within and among sound segments, but later we will talk more about larger phonological units like syllables and words.
2. Teach you to analyze phonological data like a scientist. Throughout the course we will look at **lots** of languages. In each case, you will look at some data, see patterns in that data, describe them as carefully as you can, use a theory to capture those patterns, and then assess how well the theory works – or even compare two theories' abilities to capture the same data. In the first two thirds of the course, the theory we will use is one of phonological rules. In the later weeks, we will entertain a different theory that uses ranked constraints.

### Required Textbook

*Introductory Phonology.* by Bruce Hayes ISBN: 1405184116

*Excellent, but not required:*

Ladefoged, P. & Maddieson, I. 1996. *The Sounds of the World's Languages.* Blackwell. ISBN: 0631198156

McCarthy, John J. 2009. *Doing Optimality Theory* Wiley-Blackwell. ISBN: 1405151366

Hayes is available at the bookstore or through online retailers. You cannot get away without having and, crucially, reading Hayes: it contains most of the exercises and walks you through the first two thirds of the course. Any other materials we use in class –handouts, exercises, assignments– will be distributed in class or via canvas.

### Course Requirements (undergraduate students)

1. **Homework Assignments** 50%  
There will be 7 homework assignments (see the schedule below for details) and we will drop the lowest non-zero grade. In other words, you have to do all the homework. If you skip one, it will bite you.
2. **Take-home midterm assignment** 15%

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| 3. Take-home final assignment | 15% |
| 4. Attendance & Reading       | 20% |

### Course Requirements (graduate students only<sup>1</sup>)

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| 1. Homework Assignments  | 40% |
| There will be 7 homework assignments (see the schedule below for details) and we will drop the lowest non-zero grade. Your assignments will include additional grad-only questions and some require additional reading.  |     |
| 2. Take-home midterm assignment  | 15% |
| 3. Take-home final assignment  | 15% |
| 4. Attendance & Reading  | 5%  |
| 5. Term Project  | 25% |
| Your final project is an opportunity for you to perform an original, individual exploration of any question of your choosing from this class or in any way related to phonology. Typical projects include: reanalyzing a published phonological grammar, working on original data you have for another project, or designing an experimental proposal. The final paper will be a 5-7 page (1,250 - 1,750 word) essay with appropriate citations. <b>This paper will be due by Monday, May 1st at 11:59pm</b> |     |

### Homework Information

Homework sheets will be available for download from canvas by the date indicated on the syllabus. Completed homeworks are to be uploaded to the course website. Unless otherwise indicated on the assignment, hardcopy assignments will not be accepted. Note that completed assignments should ideally be submitted in PDF format.

### Late Homework Policy

I will accept late homework if you ask *in advance* for an extension. “In advance” means *more* than 24 hours before the assignment is due. I have been very forgiving about this in the past and it leads to students getting in the habit of not handing in work and me grading piles and piles of work at the end of the semester that I should have been able to do as the semester progressed. I intend not to be very forgiving this semester.

### Class participation

You are expected to attend each class and to have done the reading assigned for that day. In the course schedule, readings appear next to the day on which they are due. I recommend that you take notes on

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<sup>1</sup>Due to limitations in Canvas, graduate student and honors grades will not be calculated correctly in the Canvas gradebook. You can calculate your grade at any time using these percentages.

the readings and come prepared with questions or comments to contribute to class discussion. Your attendance & reading grade will be based on roll call attendance and occasional pass/fail questions about the reading.

### **Electronic Devices**

Mobile phones, laptops, and other electronic devices are to be used only for appropriate purposes in class. If you must respond to an emergency call, keep your phone on vibrate and leave the room to take the call. The idea is to create as little distraction as possible ? for your sake as well as mine and everyone else's. No texting, emailing, googling, facebooking, or other internet-type activities are allowed in class unless required by the lecture. If you are caught in violation of these rules, you will be asked to leave the classroom.

### **Academic Accommodations**

If you have a documented disability that requires academic accommodations, please see me as soon as possible. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 257-2754, email address [jkarnes@eamil.uky.edu](mailto:jkarnes@eamil.uky.edu)) for coordination of campus disability services available to students with disabilities.

### **Academic Integrity**

Appropriating someone else's work and portraying it as your own is cheating. Collaborating with someone and portraying that work as solely your own is cheating. Obtaining answers to homework assignments or exams from previous semesters is cheating. Falsifying data or experimental results is cheating. If you are caught cheating or plagiarizing, you will, at a minimum, earn a zero on the relevant assignment. If you are unsure about whether a specific action is cheating, you may certainly ask me. Some general guidelines are:

- Do not look at notes, assignments, or exams from previous semesters to complete an assignment.
- Do not seek solutions to homework problems or exams from outside sources, including books (other than the textbook) or the internet.
- Do not copy other (current or former) students' homework assignments. To minimize this temptation, always type up your homework answers by yourself, separately from your study group or other students in the class.
- Once you have started to work on your acoustics or final exam, do not discuss it with other students, until after you have turned it in and the exam time is over.
- Do not falsify data or other results in your homeworks.
- Cite all sources used and cite and designate any quotations as such.

### **Study Groups**

I encourage students to form study groups to talk about readings and lectures, and especially to discuss and work through analyzing homework problems. Invite me if you want and I'll try to come. However, after you figure/argue them out together, *you must type up your homework answers entirely on your own*, separately from the other study group members. You must list the names of all of the members of your group at the top of your assignment and we will not grade identical homeworks gently.

**Accommodations due to disability:**

If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours or make an appointment. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (DRC Address: 407 Multidisciplinary Science Building, 257-2754, Director: David Beach [dtbeac1@uky.edu](mailto:dtbeac1@uky.edu)) for coordination of campus disability services available to students with disabilities.

**Course Schedule**

Items in \*asterisks\* are due on the day indicated. Readings should be completed prior to the first day they are listed.

TUESDAY	THURSDAY
Jan 9th	11th <b>1</b> What is Phonology? Phonetics review A1 posted
16th <b>2</b> Phonetics review <b>Hayes Ch. 1</b>	18th <b>3</b> Phonemes & Allophones <b>Hayes Ch. 2</b> <b>*A1 due*</b>
23rd <b>4</b> Phonemes & Allophones <b>Hayes Ch. 3</b>	25th <b>5</b> Representations & Features <b>Hayes Ch. 4</b> A2 posted
30th <b>6</b> Representations & Features	Feb 1st <b>7</b> Morphophonology & Reduplication <b>Hayes Ch. 5</b> <b>*A2 due*</b>
6th <b>8</b> Morphophonology & Reduplication	8th <b>9</b> Phonological Alternations <b>Hayes Ch. 6.1 - 6.2</b> A3 posted
13th <b>10</b> Phonological Alternations <b>Hayes Ch. 6.3 - 6.4</b>	15th <b>11</b> Phonological Alternations <b>*A3 due*</b>
20th <b>12</b> Alternations & Rule Ordering <b>Hayes Ch. 7</b>	22nd <b>13</b> Alternations & Rule Ordering A4 posted
27th <b>14</b> Abstractness & Productivity <b>Hayes Ch. 12</b>	Mar 1st <b>15</b> Abstractness & Productivity <b>*A4 due*</b>

TUESDAY	THURSDAY
6th Morphophonemics <b>Hayes Ch. 8</b> Midterm posted	8th Morphophonemics
13th	15th
20th What do rules mean? <b>*Midterm Due*</b>	22nd Constraints <b>McCarthy Ch.1</b>
27th Constraints	29th The Syllable <b>Hayes Ch. 13</b> A5 posted
Apr 3rd The Syllable	5th Stress <b>Hayes Ch. 14</b> <b>*A5 due*</b> A6 posted
10th Stress	12th Child Phonology <b>Dinnsen2002</b> <b>*A6 due*</b>
17th Child Phonology A7 posted	19th Tone & Intonation <b>Hayes Ch. 15</b>
24th Tone & Intonation <b>*A7 due*</b>	26th Conclusions Final posted <sup>2</sup>

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<sup>2</sup>Final assignment will be due by the end of our scheduled exam period: 10:30am on Monday, May 1st