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Spring 2-1-2018

### LING 589.01: Morphology

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## I. CONTACT INFORMATION

- Class Time/Location: T, R 12:30-1:50/SS 254
- Professor: Irene Appelbaum
- Office: Social Sciences 211
- Office Hours: T, R 11-12 & by appt.
- Email: [irene.appelbaum@umontana.edu](mailto:irene.appelbaum@umontana.edu)

## II. TEXTS

The one required textbook for the course is:

- *Understanding Morphology*, 2nd edition, Martin Haspelmath and Andrea D. Sims, Hodder Education, 2010. ISBN-13: 978-0340950012; ISBN-10: 0340950013 [H&S]

Additional assigned readings will be available through the Moodle course site. These include:

- Aronoff, Mark and Fudeman, Kirsten. 2011. Introduction to Morphological Analysis, in *What is Morphology?* 2nd Edition, Wiley-Blackwell, Ch. 1.5, pp. 12-22.
- Booij, Geert. 2012. Inflectional Systems, in *The Grammar of Words: An Introduction to Linguistic Morphology*, 3rd Edition, Oxford University Press, Ch. 6.1, 6.2, pp. 128-143.
- Comrie, Bernard. 1989. Morphological Typology, in *Language Universals & Linguistic Typology*, 2nd Edition, Chicago University Press, pp. 42-52.
- Fábregas, Antonio and Scalise, Sergio. 2012. The Place of Morphology in Grammar: Lexicalism and Constructionism, in *Morphology: From Data to Theories*, Edinburgh University Press, Ch. 7.1, pp. 131-42.
- Hockett, Charles F. 1954. Two Models of Grammatical Description, *Word* 10, pp. 210-231.
- Lass, Roger. 2006. from Phonology and Morphology in *A History of the English Language*, Hogg, Richard and David Denison, eds., Cambridge University Press, 2006, pp. 55-59, 69-81.
- Matthews, P.H. 1991. Properties and Their Exponents, in *Morphology*, 2nd Edition, Cambridge University Press, Ch. 9, pp. 68-184.
- Trask, R. L. Morphological Change, in *Trask's Historical Linguistics*, 2nd Edition, Revised by Robert McColl Millar, Hodder Education, 2007, Ch. 5, pp. 131-160.

## III. COURSE DESCRIPTION

Morphology is the sub-field of linguistics that deals with word structure. More specifically, morphology deals with the internal structure of words and relationships among words. More specifically still, we can say that morphology is the study of "systematic co-variation in the form and meaning of words" (Haspelmath and Sims, p. 2). By 'form-meaning variation' we mean, for example, that the word 'cat' and the word 'cats' have different pronunciations (i.e., different forms) and that this difference in their pronunciations, corresponds to a difference in meaning (i.e., it's the final s-sound in 'cats' that signals the change in meaning from one, to more than one, cat). By 'systematic co-variation', we mean that there are multiple words in the language which exhibit the same difference in meaning (singular vs. plural) corresponding to the same difference in form (in this case, the addition of the final s-sound). In other words, morphologists study *patterns* of form-meaning variation.

One central goal of this course is thus to identify and describe the different such patterns found in the world's languages [Part II]. A second goal is to examine the different theoretical assumptions required to account for these patterns, in terms of whether, and what kind of, rules must be posited (e.g., concatenation rules only or multiple rule-types?), and correspondingly, what kinds of primitives must be posited (e.g., words only or also bound morphemes?) [Part III]. A third principal goal of the course is to examine the two main functions of morphology: generating new words (derivation) and generating, different grammatical versions of a single word (inflection) [Part IV]. Additionally, we will consider morphological structure from typological and historical perspectives [Part V]. Finally, we will investigate the relationship between morphology and phonology (because a single morpheme may exhibit different phonological forms) and between morphology and syntax (because morphological processes may affect argument structure; because the analysis of a single form may sometimes be equivocal between a complex word - a morphological structure, and a phrase - a syntactic structure; and because morphology itself is sometimes thought to reduce to syntax) [Part VI].

#### IV. LEARNING OUTCOMES

After successfully completing this course, students should have a solid foundation in the descriptive, analytic, and theoretical principles of morphology, including:

- how to identify and analyze the internal structure of words
- how to identify and analyze the morphological structure of a wide variety of languages
- how languages create new words from existing words
- how languages vary the form of a word depending on grammatical context
- how derivation differs from inflection
- how word structure and syntactic structure interact
- how word structure and phonological structure interact
- how different theoretical approaches view the nature and existence of morphemes
- how different theoretical approaches account for the nature and existence of morphology.

#### V. ASSESSMENT & GRADING

Your performance in this course will be assessed by the following requirements:

- **HW Assignments:** You will be asked to submit 7 assignments during the course of the semester. The assignments will consist of exercises based on the week's lectures, data sets to analyze, and/or brief essays. All assignments will be posted on Moodle. You will have approximately one week to complete each assignment.
- **Mid-Term Exam:** A mid-term exam will be given in class on **Tuesday, Feb 27** (earlier than the middle of the term). This exam is aimed at assessing your knowledge of the concepts used by morphologists and the procedures of morphological analysis covered to this point in the course. More information about the format and content of the mid-term exam will be provided later in the semester.
- **Take-Home Final Exam:** A take-home Final Exam be assigned during the final week of class and will be due at the end on **Friday, May 11, by 10:00 AM**. (This due date corresponds to the end of our Registrar-assigned day/time for the Final for this course.) The final exam will be cumulative and will include exercises, data sets to analyze, and brief essays. More information about the format and content of the final exam will be provided later in the semester.

From the University Catalog: Students may seek relief from writing more than two examinations during the same day. Students who are scheduled for more than two examinations may contact the appropriate faculty to arrange an alternate testing time during the scheduled final examination period. If satisfactory arrangements cannot be made, the student should seek the assistance of his or her dean.

(<http://www.umd.edu/catalog/acad/acadpolicy/default.html>.)

**Graduate Student Increment:** Students who are enrolled in this course under LING 589 are required to write a paper of approximately 2500-3000 words, in addition to the above requirements. Papers may be descriptive, analytical, theoretical, or some combination thereof. Topics for the paper will be suggested, but students are free to write on a topic of their own choosing as long as it has been approved by the instructor. Students will be asked to submit an outline and a first draft of their paper in addition to their final paper. (See grade calculation below.). Final papers will be due on the Friday of the last week of class: **May 4 by 5 PM**. Electronic submission is encouraged, but not required.

- **Participation:** To receive full credit for this portion of your grade, students must:
  - attend class (see Attendance below.)
  - be prepared to engage in, present, and discuss, any in-class exercises or assigned homework
  - not use laptops, tablets, or other electronic devices for purposes other than taking notes in class
  - never text during class.

Attendance: Attendance will be taken each class. If you arrive after attendance has been taken, it is your responsibility to add your name to the sign-in sheet at the end of class. More than 3 unexcused absences will negatively affect your participation grade. In accord with University policy, absences will be excused for illness, injury, family emergency or participation in a University-sponsored activity. A written note from a medical doctor is required in the case of illness or injury. Unexcused absences include absences for travel, work, out-of-town visitors, and work for other classes. Written medical excuses must be submitted as soon as you return to class. If you miss class for whatever reason it is your responsibility to find out what you missed

Your course grade will be based on the following calculation:

<u>Undergraduates</u>		<u>Graduate Students</u>	
• HW Assignments	70% (7 x 10% each)	• HW Assignments	63 % (7 x 9% each)
• Mid-Term Exam	10%	• Mid-Term Exam	10 %
• Take-Home Final	15%	• Take-Home Final	12%
• Participation	05%	• Paper (2500-3000 words)	15 %
		Outline: 2%	
		First Draft 3%	
		Final Draft 10%	

The grading scale for your final course grade is as follows:

93.00% - 100.00%	A	80.00% - 82.99%	B -	67.00% - 69.99%	D+
90.00% - 92.99%	A -	77.00% - 79.99%	C +	60.00% - 66.99%	D
87.00% - 89.99%	B+	73.00% - 76.99%	C	0.00% - 59.99%	F
83.00% - 86.99%	B	70.00% - 72.99%	C -		

## VI. COURSE POLICIES

**Student Conduct Code:** You are expected to adhere to the University of Montana Student Conduct Code: [http://www.umt.edu/vpsa/policies/student\\_conduct.php](http://www.umt.edu/vpsa/policies/student_conduct.php).

**Plagiarism Warning:** Plagiarism is the representing of another's work as one's own. It is a particularly intolerable offense in the academic community and is strictly forbidden. Students who plagiarize may fail the course and may be remanded to Academic Court for possible suspension or expulsion. (From the Student Conduct Code.)

**Course Accommodations Statement (DDS):** If you are a student with a disability who will require reasonable program modification in this course, please meet with Disability Services for Students in Lommasson 154 for assistance in developing a plan to address program modifications. If you are already working with Disability Services arrange to meet with me during my office hours to discuss reasonable modifications that may be necessary. For more information, visit the Disability Services website at: <http://www.umt.edu/dss/>.

**Moodle:** This course has an online Moodle component. The Moodle course site will be used to post course materials and to make announcements. It is your responsibility to check Moodle for course announcements and schedule changes. Technical support is available through UOnline Tech Support Desk: (406) 243- 4999, or [umonline-help@umontana.edu](mailto:umonline-help@umontana.edu).

**Email:** I will use the email address provided for you on the Moodle website for class emails. It is your responsibility to keep informed about information contained in email sent to you through your address listed on Moodle.

## VII. COURSE OUTLINE

The schedule of topics listed below is subject to change. The most current schedule information will be posted on Moodle. HW assignments will also be posted on Moodle.

Date	Topic	Reading	Due
I. Preliminary Topics			
T 1-23	Introduction	---	
R 1-25	Basic Units, Concepts, and Distinctions; Glossing Conventions	H&S Ch. 1.1. Ch. 2	
T 1-30	Doing Morphological Analysis	Aronoff & Fudeman 1.5	
II. Describing Morphological Patterns			
R 2-01	Concatenation: Affixation	H&S 3.1, 3.1.1	
T 2-06	Concatenation: Compounding	H&S 7.1, 7.2	HW 1
R 2-08	Reduplication; Conversion	H&S 3.1.3, 3.1.4	
T 2-13	Base Modification: Replacement, Suprasegmental, Subtraction	H&S 3.1.2	
R 2-15	Base Modification: Root-and-Pattern	TBA	HW 2
III. Accounting for Morphological Patterns			
T 2-20	Two Conceptions of Rules	H&S Ch. 3.2; Hockett	
R 2-22	Two Conceptions of the Lexicon	H&S Ch. 4	
T 2-27	Mid-Term Exam	---	
IV. Functions of Morphological Patterns			
A. Inflection			
R 3-01	Nominal Inflection	H&S Ch. 5.1; Booij Ch. 6.1	
T 3-06	Verbal Inflection	H&S Ch. 5.1; Booij Ch. 6.2	
R 3-08	Exponence; Inherent vs. Contextual Inflection	Mathews Ch. 9; H&S Ch. 5.4.1	HW 3
T 3-13	Paradigms	H&S Ch. 8	
B. Derivation			
R 3-15	Derived Nouns, Verbs, and Adjectives	H&S Ch. 5.2	
T 3-20	Hierarchical Structure of Derived Words	H&S Ch. 5.2.2, 5.2.3	HW 4
R 3-22	Comparing Derivation and Inflection	H&S Ch. 5.3, 5.4	
V. Typology and Diachrony			
T 4-03	Morphological Typology	Comrie Ch. 2.3	
R 4-05	Morphological Change	Trask Ch. 5	
T 4-10	The History of English	Lass Ch. 2.4.5, 2.6.3	HW 5
VI. Interactions and In-Between Phenomena			
A. Morphology and Phonology			
R 4-12	Morphophonological Alternations	H&S Ch. 10.1-10.3	
T 4-17	Morphophonology: Phonology or Morphology?	H&S Ch. 10.4, 10.5	HW 6
B. Morphology and Syntax			
R 4-19	Valence-Reducing Operations	H&S Ch. 11, 11.1.3	
T 4-24	Valence-Increasing Operations	H&S Ch. 11.1.4, 11.1.5	
R 4-26	Words vs. Phrases; Lexical Integrity Hypothesis	H&S Ch. 9	HW 7
T 5-03	Constructionism & Lexicalism	Fabregas & Scalise Ch. 7.1	
R 5-05	Summary/Conclusion	---	



status of morphology

Introduction

Basic Concepts and Distinctions

segmented, morphemes, word-token, grammatical meaning/function, word-family, compounding, paradigm, suppletion

- lexemes and word-forms
- affixes, bases, roots
- morphemes and allomorphs
- morpheme-by-morpheme glosses

Booij:

- syntagmatic vs paradigmatic
- complex vs. simple words
- morpheme-based morphology
- concatenation vs. non-concatenative morphology
- paradigmatic word-formation; correspondence rules

Aronoff:

- What is a word?
- The lexicon

- 2 I. Basic Concepts  
Introductory Topics  
Typology; Glossing; How-to Morph Analysis; Allomorphs; Lexicon; Units
  
- 2 II. Morphological Processes/Patterns  
Phonological Change or Not: Conversion vs. Everything Else  
Concatenative or Not: Affixation & Compounding vs. Everything Else  
Within Non-Concat/Base Mod: Redup; Substitutive; Subtractive; Root-and-Pattern
  
- 3 III. Derivation and Inflection  
Derivation/-Productivity  
Inflection
  
- 2 IV. Interfaces  
Morph and Syntax  
Morph and Phonology
  
- 2 V. Theoretical Debates  
Do Morphemes Exist? Does Morphology Exist?
  
- 1 Mid-Term; Last Class
  
- 2 Analysis Classes

	Date	Topic	Reading
	I. Preliminary Topics		
	T 1-	Introduction	---
	R 1-	Basic Units, Concepts, and Distinctions: H&S ch 1&2	H&S Ch. 2
HW1assigned	T 1-	Doing Morphological Analysis: Aronoff: pp.28-31:#6,7,11,13,14	Aronoff 1.5
	II. Describing Morphological Patterns		
	A. Concatenative Patterns		
	R 2-	Affixation	H&S 3.1 & 3.2
HW 1 Due HW2assigned	T 2-06	Compounding <u>Exercises:</u> - diagramming compounds, h&s ex7.1 p151 - endo vs. exo aronoff p115 - type of endo compound, lieber ex8. p64	H&S 7.1 & 7.2; Fabregas 6.1,6.2
	B. Non-Concatenative Patterns		
	R 2-08	Reduplication <u>Exercises:</u> Lieber ch 5: p.98: 2,8 ? Aronoff Ex7, p016 Conversion	H&S 3.1.3 & 3.1.4
	T 2-	Base Modification: Replacement; Suprasegmental; Subtraction	H&S 3.1.2
HW 2Due	R 2-	Base Modification: Root-and-Pattern, Lieber#6,p99	Aronoff 3.2
	III. Accounting for Morphological Patterns		
	T 2-20	Two Conceptions of Rules	H&S 3.2
	R 2-22	Two Conceptions of the Lexicon	H&S Ch. 4
HW3assigned	T 2-27	Mid-Term Exam	---
	IV. The Functions of Morphological Patterns		
	A. Inflection		
	R 3-	Nominal Inflection: Number, Gender; Classifiers	H&S 5.1; Aronoff 5.1
	T 3-06	Nominal Inflection: Case	H&S 5.1
HW 3 Due HW4assigned	R 3-08	Verbal Inflection: Person, Number, Voice	H&S 5.1; Berman 6.2
	T 3-13	Verbal Inflection: Tense, Aspect, Mood	H&S 5.1
	B. Derivation		
	R 3-15	Derived Nouns, Verbs, Adj	5.2, 5.2.;
HW 4 Due HW5assigned	T 3-20	Hierarchical Structure of Derived Words	5.2.2, 5.2.3
	R 3-22	Comparing Derivation and Inflection	H&S 5.3 & 5.4
	V. Interactions and In-Between Phenomena		
	A. Morphology and Phonology		
	T 4-03	Morphophonology H&S Ch 10 Exer.	H&S Ch. 10

HW5 HW6 assigned	R 4-05	Morphophonology "	
	B. Morphology and Syntax		
	T 4-10	Passives, Anti-Passives, Noun Incorporation	H&S 11-11.
	R 4-12	Applicatives and Causatives p207, 6,7,8	H&S 11.1.4
HW 6 Due HW 7 Assigned	T 4-17	Words vs. Phrases; Clitics vs. Affixes; Lexical Integrity Hypothesis H&S Exer 1-6, pp. 207-208	H&S Ch 9
VI. Additional Topics			
	R 4-19	Productivity H&S Ch 6 Exercises; see Aronoff Ex, Ch 254-256.	H&S Ch. 6
	T 4-24	Morphological Typology- <u>Exercise/maybe-problem set</u> : Lieber, pp.156-57 ex1-3	Booij 2.3; Li Ch. 7
HW 7 Due	R 4-26	<b>Word-and-Paradigm Models</b>	
	R 5-01	TBA	
	R 5-03	Summary and Conclusion	