


# Course Characterization and Structure

## Introduction

This course is for people who are generally good at:

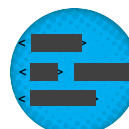
Math


$$\begin{aligned} (x+a)^n &= \sum_{k=0}^n \binom{n}{k} x^k a^{n-k} \\ a^2 + b^2 &= c \\ A &= \pi r^2 \end{aligned}$$

Logic



Programming



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## Linguistics as Cognitive Phenomena

We need linguistics for:

- Literature
- Rhetoric
- Professional Writing

Language as cognitive phenomena

- Metaphor
- Metonymy
- Antithesis

## Course Epitome: Provinces of Study

Sounds

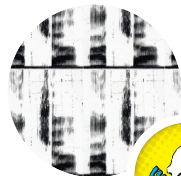
Words

Phrases and sentences

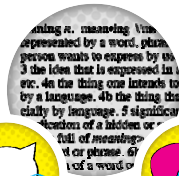
Paragraphs, modules, and text

Acoustic  
Waveform

Meaning



Phonetics



Semantics



Pragmatics

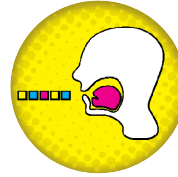
Icons: University of Waterloo; Waveform: Randy Harris

## Phonetics and Phonology



### Phonetics

Raw material



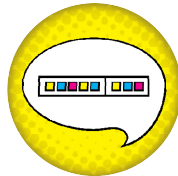
### Phonology

- Language-specific exploitation of sounds
- Each language has its own specific phonology

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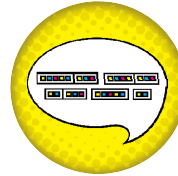
## Morphology and Lexis

The building blocks of language



### Morphology

- The littlest bits of meaning
- un-, -ing, pre-, -ed
- Word that can't be broken down into smaller units

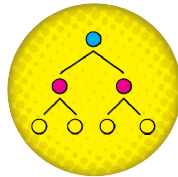


### Lexis

- Words and their component parts
- 'word' – 1 morpheme
- 'word-s' – 2 morphemes

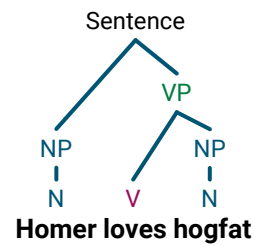
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## Syntax



### Syntax

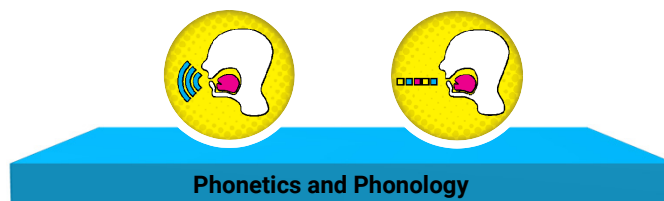
How words group  
into bigger structures



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## Levels (or *Strata*) of Linguistics

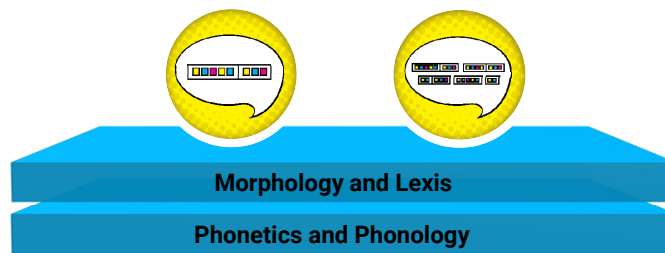
We will be looking at the individual components:



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## Levels (or *Strata*) of Linguistics

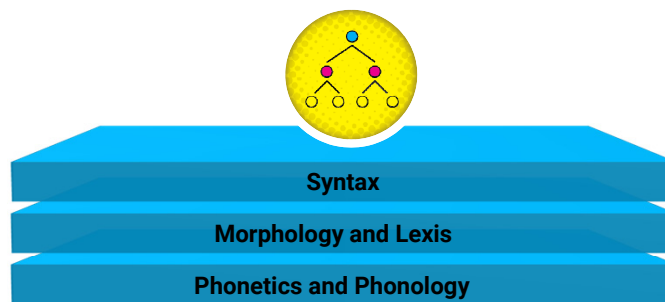
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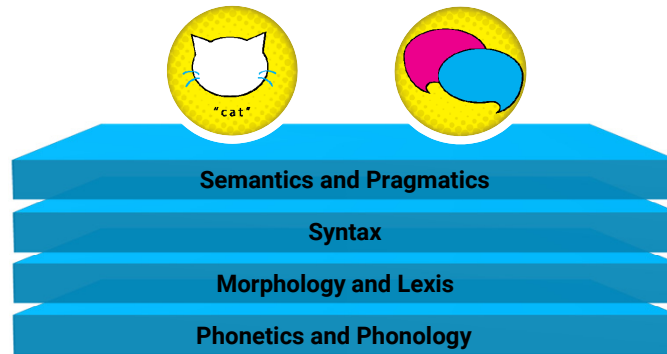
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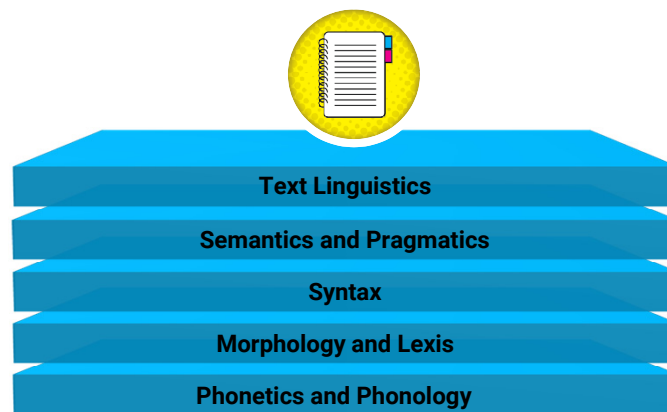
We will be looking at the individual components:



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## Levels (or *Strata*) of Linguistics

We will be looking at the individual components:



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## Structure of the Course



History  
of Language



The Nature  
of Language



The Nature  
of Linguistics



Words



Morphology



Syntax



Phonetics



Phonology



Semantics



Pragmatics



Texts

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