

# Foundations of Linguistics

Master Language Science and Technology

Vorlesung 4 SWS ECTS-Punkte: 6

Lecturers: Annemarie Verkerk, Mareike Hartmann, Jia Loy, Bernd Möbius

Mo 8:30–10:00, Mi 8:30–10:00, Building C7.3 / Room 1.12

MS Teams: [144573] Foundations of Linguistics 23/24

Link to Team:

First class: 25-10-2022

Last class: 07-02-2023

Examination deadlines: exam on 22.02.2023 ; 10.00

registration deadline: 14-02-2023

## **Description**

The goal of the course is to introduce the students to basic notions, terminology, problems and ideas from the different areas of linguistics that are covered in the course: morphology and syntax, semantics, pragmatics, and phonetics.

*Morphology and syntax:* Morphology and syntax is what makes a sentence different from a random collection of words. We study the structure that they impose on utterances by focusing on common types of inflection in the nominal and verbal domain, parts of speech, the distinction between heads, arguments, and adjuncts, and argument types and semantic roles, taking a cross-linguistic perspective.

*Semantics:* The study of linguistic meaning has a long history, going back centuries. In this section of the course, we will study the fundamentals of semantic theory, including predicate logic and lambda calculus, various applications in computational semantics, as well as recent vector-based approaches to distributional semantics.

*Pragmatics:* We will cover basic notions in pragmatics (starting from Paul Grice) up to current models for pragmatic reasoning such as the rational speech act model. Furthermore, we will cover basic discourse notions of textual coherence and cohesion, including Centering Theory as well as models for coherence relation classification.

*Phonetics:* This section of the course introduces the principles underlying the classification of speech sounds and how they are organized in sound systems. It will emphasize the properties of spoken (as opposed to written) language in connected speech and discuss the basic conditions and constraints of human speech production and perception.

## **Requirements**

Final exam (Abschlussklausur) with regular take-home assignments during the semester. Successful & on-time completion of the assignments will award you bonus points for your final exam score.

**Course Schedule**

<b>Date</b>	<b>slot</b>	<b>Theme</b>	<b>detailed topic</b>	<b>Lecturer</b>
<b>23.10.2023</b>	1	no class	Introduction meeting on Tuesday that week	-
<b>25.10.2023</b>	2	Intro		Verkerk
<b>30.10.2023</b>	1	Morph/ Syntax	Morphology I: Word formation	Verkerk
<b>01.11.2023</b>	2	Morph/ Syntax	Morphology II	Verkerk
<b>06.11.2023</b>	1	Morph/ Syntax	Syntax I: Word classes	Verkerk
<b>08.11.2023</b>	2	Morph/ Syntax	Syntax II: Heads, dependents, and beyond	Verkerk
<b>13.11.2023</b>	1	Morph/ Syntax	Syntax III: Grammatical relations	Verkerk
<b>15.11.2023</b>	2	Morph/ Syntax	Syntax IV	Verkerk
<b>20.11.2023</b>	1	Semantics	Introduction + Syllogistic Reasoning	Hartmann
<b>22.11.2023</b>	2	Semantics	Propositional Logic	Hartmann
<b>27.11.2023</b>	1	Semantics	Predicate Logic	Hartmann
<b>29.11.2023</b>	2	Semantics	Compositionality	Hartmann
<b>04.12.2023</b>	1	Semantics	Distributional Semantics	Hartmann
<b>06.12.2023</b>	2	Semantics	Outlook	Hartmann
<b>11.12.2023</b>	1	Pragmatics	Gricean Pragmatics	Loy
<b>13.12.2023</b>	2	Pragmatics	Rational Speech Act Model	Loy
<b>18.12.2023</b>	1	Pragmatics	Exercise on Grice and RSA	Loy
<b>20.12.2023</b>	2	Pragmatics	Figurative Language	Loy
<b>CHRISTMAS BREAK (1 WEEK ONLY)</b>				
<b>01.01.2024</b>	1		no class, New Years' Day	
<b>03.01.2024</b>	2			
<b>08.01.2024</b>	1	Pragmatics	Coherence Relations	Loy
<b>10.01.2024</b>	2	Pragmatics	Exercise on CT and CR	Loy
<b>15.01.2024</b>	1	Phonetics	Speech sounds	Möbius
<b>17.01.2024</b>	2	Phonetics	Speech production	Möbius
<b>22.01.2024</b>	1	Phonetics	Speech perception	Möbius
<b>24.01.2024</b>	2	Phonetics	Speech signals	Möbius
<b>29.01.2024</b>	1	Phonetics	Phonology	Möbius
<b>31.01.2024</b>	2	Phonetics	Prosody	Möbius
<b>05.02.2024</b>	1	Revisions	Morph/Syntax / Semantics	Verkerk/Hartmann
<b>07.02.2024</b>	2	Revisions	Pragmatics / Phonetics	Loy/Möbius
<b>22.02.2024</b>		EXAM	10.00, room TBA	