

Foundations of Linguistics

Course Syllabus

Lecturer: Dr. Debopam Das

Time: Tuesdays, 2:00 PM – 4:00 PM

Winter Semester 2017/18

Location: II.14.006

Module: CSFM3

Course Description:

This course provides an introduction to the study of linguistic analysis, emphasizing on the formal models used in the discipline. It focuses on the central topics of linguistics, such as morphology (the study of word structure), syntax (the study of sentence structure) and semantics (the study of meaning), and also touches upon other sub-areas in the discipline such as psycholinguistics (the study of the relationship between language and mind) and discourse analysis (the study of the use of language in context).

Course Objectives:

At the end of the course, students will have learnt about the basic concepts in linguistics. They will also know about the formal approaches in linguistics which will help them understand issues in natural language processing (NLP) and develop NLP systems. Students will also learn to think about hard questions in a disciplined way that will help them in other courses, too.

Topics to be covered:

1. Overview of the topics
2. Morphology
3. Syntax
4. Semantics
5. Psycholinguistics
6. Discourse

Meeting Dates:

Week	Date	Topics/Events
1	Oct 17	Introduction to the Course
2	Oct 24	Morphology 1
-	Oct 31	Reformation Day: NO CLASS
3	Nov 7	Morphology 2
4	Nov 14	Syntax 1
5	Nov 21	Syntax 2
6	Nov 28	Syntax 3
7	Dec 5	Discourse 1
8	Dec 12	Discourse 2
9	Dec 19	Discourse 3
10	Jan 9	Semantics 1
11	Jan 16	Semantics 2
12	Jan 23	Psycholinguistics 1
13	Jan 30	Psycholinguistics 2
14	Feb 6	Review for final exam
Final Exam		Date, time and location will be announced later

Required texts:

Textbook: Bender, E. M. (2013). *Linguistic Fundamentals for Natural Language Processing: 100 Essentials from Morphology and Syntax*: Morgan & Claypool Publishers.

Additional textbook: Fromkin, V., Rodman, R., & Hyams, N. M. (2011). *An introduction to language*. Boston, MA: Thomson Wadsworth.

Other readings are to be added later.