

Syllabus

for course at first level

Neurolinguistics

Neurolingvistik

7.5 Higher Education

Credits

7.5 ECTS credits

Course code:	LIN355
Valid from:	Autumn 2021
Date of approval:	2021-01-20
Department	Department of Linguistics
Main field:	Linguistics
Specialisation:	G1F - First cycle, has less than 60 credits in first-cycle course/s as entry requirements

Decision

This syllabus was adopted by the Board of the Department of Linguistics 2021-01-20.

Prerequisites and special admittance requirements

Linguistics I, 30 ECTS credits, or equivalent, and the course Linguistic Methodology, 7.5 ECTS credits.

Course structure

Examination code	Name	Higher Education Credits
1001	Neurolinguistics	7.5

Course content

This course deals with modern neurolinguistics from both a theoretical and a practical perspective. The focus is on central areas within neurolinguistics: the comprehension, production and interaction of spoken and written language in the brain; the mental representation of individual words, clauses and discourse, respectively; and pragmatic processes in the brain – all with reference to basic neurolinguistic methodology and brain imaging. The course gives theoretical and practical knowledge of planning, carrying out, analysing and presenting experimental studies in neurolinguistics, including issues to do with the ethical aspects of the research. The course provides deepened insight into quantitative and experimental methodology and into quantitative machine analysis and interpretation. The course further covers pertinent areas of cognitive neuroscience such as relevant global networks in the brain, in an in-depth discussion of the brain's functional anatomy.

Learning outcomes

In order to pass the course, students are expected to be able to

- describe and discuss theory formation within central areas of neurolinguistics
- in a group, design and carry out an experiment while heeding current norms of research ethics
- describe and present an existing experimental study and give a critical review of the interpretation of its results
- plan a suggested experimental study in linguistics, giving relevant background, formulating a hypothesis and

selecting a method appropriate to the research question

- account for, discuss, compare and critically review approaches and models applied in psycho- and neurolinguistics.

Education

Instruction is given in the form of lectures, group exercises and laboratory sessions. For more details, please refer to the course description.

Active participation in the learning activities is expected. Instruction is given in the language indicated for each session within the course. Learning activities will take place online or on campus as indicated for each course meeting.

For more detailed information, please refer to the course description, which will be made available no later than a month before the course starts.

Forms of examination

a) The course is examined on the basis of 2–4 written assignments throughout the course.

The principles for weighting individual course assignments are described in the grading criteria.

For more details, please refer to the course description.

b) Grades will be set according to a seven-point scale related to the learning objectives of the course:

A = Excellent
B = Very good
C = Good
D = Satisfactory
E = Adequate
Fx = Inadequate
F = Totally Inadequate

The scale refers to the final, summary grade for the course; individual points of examination may be assessed using a different grading scale. The details are set out in the grading criteria.

c) The grading criteria relating to the learning objectives of the course, once distributed, are binding.

d) In order to pass the course, students must receive at least a passing grade on each point of examination and have completed any course requirements.

e) At least three examination opportunities should be offered for each course within a year. If the course is not given every academic year, at least one examination opportunity should normally be offered in those years when the course is not given.

Students who receive the grade E or higher (or a 'pass' on points of examination not using the seven-grade scale) may not retake the examination to attain a higher grade.

Students who receive the grade Fx or F (or 'fail' where the seven-grade scale is not used) twice by the same examiner are entitled to have another examiner appointed for the next examination, unless there are special reasons to the contrary. Such requests should be made to the department board.

f) The completion of a supplementary assignment in order to convert the grade Fx into a passing grade may be permitted if the student is close to meeting the criteria for a passing grade. The assignment should be submitted within a week of the examiner notifying the student of the need to complete a supplementary assignment. Adequate corrections of flaws related to understanding – minor misunderstandings, minor inaccuracies or too limited arguments – will receive the grade C-E. Adequate corrections of simple mistakes related to formatting will be graded using the grades A-E.

Interim

When the syllabus is discontinued, students have the right to be examined according to this syllabus once per semester during a transition period of three semesters.

Limitations

This course may not be included in a degree together with a course, taken in Sweden or elsewhere, of identical or partially similar content.

Misc

The contents of this course overlaps with and extends the contents of LIN335 Neurolinguistics, 5 ECTS credits.

In class meetings given online students will need access to computers of their own as well as the internet, which may entail a cost for the student beyond the usual cost for textbooks and other study materials.

Required reading

For up-to-date information about required reading, please refer to the course website at www.ling.su.se. The current reading list will be made available at least two months before the course starts.