1. **Title of the module**

LING5490 (LL549) Speech Perception

1. **School or partner institution which will be responsible for management of the module**

School of European Culture and Languages

1. **The level of the module (Level 4, Level 5, Level 6 or Level 7)**

Level 5

1. **The number of credits and the ECTS value which the module represents**

15 Credits (7.5 ECTS)

1. **Which term(s) the module is to be taught in (or other teaching pattern)**

Autumn or Spring

1. **Prerequisite and co-requisite modules**

Prerequisite: LING5450 (LL545) (Phonetics)

1. **The programmes of study to which the module contributes**

BA in English Language and Linguistics (Single or Joint Honours)

1. **The intended subject specific learning outcomes.
On successfully completing the module students will be able to:**

8.1 Demonstrate knowledge and understanding of anatomical and physiological bases of human speech perception;

8.2 Show familiarity with different auditory scales to measure perceptual abilities in healthy and clinical populations;

8.3 Deploy analytical skills to the interpretation of perceptual data, and demonstrate solid understanding of key issues and methodological debates in speech perception research;

8.4 Appreciate the gap between acoustic speech signals and their auditory perception and show awareness of the constructive processes underpinning human speech perception;

8.5 Show practical skills in conducting perception research by using relevant software.

1. **The intended generic learning outcomes.
On successfully completing the module students will be able to:**

9.1 Demonstrate the ability to undertake independent learning in order to complete assignments in time;

9.2 Communicate the results of study and work accurately and coherently;

9.3 Use IT skills to collect and analyse data, take tests, and present information effectively;

9.4 Demonstrate critical thinking, and show the ability to evaluate information from various sources with respect to its supporting evidence.

1. **A synopsis of the curriculum**

This course will examine the human ability to receive and process spoken signals. It will start with introducing the foundations of human audition, the hearing mechanism and its properties in healthy and clinical populations. Ways of measuring perceptual impressions (auditory scales) and multimodality of speech perception will be discussed, along with models of speech perception. Students will be introduced to the key issues in speech perception research, including perception of different linguistic units (consonants, vowels, words, prosody) and different accents (regional, social, non-native). The course will cover perceptual illusions where there is a discrepancy between the subjective percept and the objective physical reality, and explain how they arise. Students will have an opportunity to learn how perceptual research is conducted by using the relevant specialist software (e.g. Praat, DMDX, Psychopy), and hone their IT skills by setting up small-scale perception experiments.

1. **Reading list (Indicative list, current at time of publication. Reading lists will be published annually)**

Johnson, K. (2011). *Acoustic and Auditory Phonetics.* Oxford: Wiley-Blackwell.

Jones, M. and Knight, R-A. (2013). *Bloomsbury Companion to Phonetics*. London: Bloomsbury.

Pisoni, D.B., Remez, R.E. (2005). *The Handbook of Speech Perception*. Oxford: Blackwell.

Ryalls, J. (1996). *A Basic Introduction to Speech Perception*. San Diego: Cengage Publishing.

Warren, R. (2007). *Auditory Perception*. Cambridge: CUP.

1. **Learning and teaching methods**

This module will be taught by means of lectures and seminars.

Total Contact Hours: 20

Private Study Hours: 130

Total Study Hours: 150

1. **Assessment methods**
	1. Main assessment methods
* Online Test (60 minutes, taken outside of class) – 35%
* Take-home Problem Set (equivalent to 2,000 words) – 65%
	1. Reassessment methods

This module will be reassessed by 100% coursework.

* Reassessment essay (2,500 words) – 100%
1. **Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section12) and methods of assessment (section 13)**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Module learning outcome** | *8.1* | *8.2* | *8.3* | *8.4* | *8.5* | *9.1* | *9.2* | *9.3* | *9.4* |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |  |
| Private Study | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Lecture | **x** | **x** | **x** | **x** |  |  |  |  | **x** |
| Seminar |  |  | **x** |  | **x** | **x** | **x** | **x** | **x** |
| **Assessment method** |  |  |  |  |  |  |  |  |  |
| Online Test | **x** | **x** | **x** | **x** |  | **x** | **x** | **x** | **x** |
| Problem Set |  |  | **x** | **x** | **x** | **x** | **x** | **x** | **x** |

1. **Inclusive module design**

The School recognises and has embedded the expectations of current equality legislation, by ensuring that the module is as accessible as possible by design. Additional alternative arrangements for students with Inclusive Learning Plans (ILPs)/ declared disabilities will be made on an individual basis, in consultation with the relevant policies and support services.

The inclusive practices in the guidance (see Annex B Appendix A) have been considered in order to support all students in the following areas:

a) Accessible resources and curriculum

b) Learning, teaching and assessment methods

1. **Campus(es) or centre(s) where module will be delivered**

Canterbury

1. **Internationalisation**

The topics of this module cover perception research conducted on languages from around the world. The module also familiarises students with international practices in studying speech perception.

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**Revision record – all revisions must be recorded in the grid and full details of the change retained in the appropriate committee records.**

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| --- | --- | --- | --- | --- |
| Date approved | Major/minor revision | Start date of the delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
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