

Module code: MOD007277	Version: 2 Date Amended: 18/Aug/2020
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1. Module Title
Using Linguistics: an introduction to forensic, clinical and computational linguistics

2a. Module Leader
Melanie Bell

2b. School
School of Humanities and Social Sciences

2c. Faculty
Faculty of Arts, Humanities, Education and Social Sciences

3a. Level
5

3b. Module Type
Standard (fine graded)

4a. Credits
15

4b. Study Hours
150

5. Restrictions			
Type	Module Code	Module Name	Condition
Pre-requisites:	None		
Co-requisites:	None		
Exclusions:	None		
Courses to which this module is restricted:			

LEARNING, TEACHING AND ASSESSMENT INFORMATION

6a. Module Description

This module will give you an overview of careers involving the application of core areas of linguistics to aspects of speech and language therapy, forensic linguistics and language technology. The module, which has been created with input from industry partners, will provide you with an insight into how linguistics is used in clinical, legal and commercial settings. You will get a basic introduction to technical aspects of these professions as well as a more general awareness of the kinds of roles available in these sectors.

The key employability skill developed in this module is the development of an understanding of the ways that linguistics can be applied to non-academic contexts in clinical, legal and commercial settings.

6b. Outline Content

- Introduction to the module
- Ways of encoding written and spoken language
- Spell checkers and machine translation
- Speech comprehension and synthesis
- What is SLT?
- Linguistics and SLT
- Assessment and diagnosis
- Forensic phonetics
- Cybercrime and aggression
- Establishing authorship

6c. Key Texts/Literature

The reading list to support this module is available at: <https://readinglists.aru.ac.uk/>

6d. Specialist Learning Resources

A variety of online and multimedia resources will be used in the module including:

- <https://web.stanford.edu/~jurafsky/slp3/>
- <http://www.openfst.org/twiki/bin/view/GRM/Thrax>
- <https://www.codecademy.com/>

There will also be video conferences with industry experts so that students can ask questions and gain a first-hand insight of the industries.

7. Learning Outcomes (threshold standards)

No.	Type	On successful completion of this module the student will be expected to be able to:
1	Knowledge and Understanding	Demonstrate a knowledge and understanding of applications of linguistics in the fields of language technology, speech and language therapy and forensic linguistics.
2	Knowledge and Understanding	Develop an awareness of the kinds of careers available in these sectors and what they entail.
3	Intellectual, practical, affective and transferrable skills	Produce a tailored application for a temporary/permanent position in this sector.
4	Intellectual, practical, affective and transferrable skills	Develop technical skills for this industry such as advanced phonetic transcription, textual analysis and grammatical analysis.

8a. Module Occurrence to which this MDF Refers

Year	Occurrence	Period	Location	Mode of Delivery
2025/6	ZZF	Template For Face To Face Learning Delivery		Face to Face

8b. Learning Activities for the above Module Occurrence			
Learning Activities	Hours	Learning Outcomes	Details of Duration, frequency and other comments
Lectures	12	1-2	lecture 1 hr x 12 weeks
Other teacher managed learning	12	3-4	Seminar 1 hr x 12 weeks – students will be set preparatory reading and tasks for the seminar. Seminars will take place in a computer room and most work will be computer base.
Student managed learning	126	1-4	Students will complete an average of at least 6 hours of reading and preparation outside the classroom each week.
TOTAL:	150		

9. Assessment for the above Module Occurrence					
Assessment No.	Assessment Method	Learning Outcomes	Weighting (%)	Fine Grade or Pass/Fail	Qualifying Mark (%)
010	Practical	1-4	100 (%)	Fine Grade	30 (%)
<p>A portfolio of tasks representing 50 hours of preparatory work. For example, you will investigate job opportunities in this domain and prepare an application for one such position, highlighting how your degree prepares you for the role. This will be assessed with input from industry experts. Additionally, you will complete a practical task involving simple coding or phonetic transcription for speech perception/speech therapy purposes or textual/phonetic analysis to identify authorship.</p>					

<p>In order to pass this module, students are required to achieve an overall mark of 40% (for modules at levels 3, 4, 5 and 6) or 50% (for modules at level 7*).</p> <p>In addition, students are required to:</p> <p>(a) achieve the qualifying mark for each element of fine graded assessment as specified above</p> <p>(b) pass any pass/fail elements</p> <p>[* the pass mark of 50% applies for all module occurrences from the academic year 2024/25 – see Section 3a of this MDF to check the level of the module and Section 8a of this MDF to check the academic year]</p>
