



### APPLIED LINGUISTICS - A

<b>Enrollment year</b>	2013/2014
<b>Academic year</b>	2015/2016
<b>Regulations</b>	DM270
<b>Academic discipline</b>	L-LIN/01 (GLOTTOLOGY AND LINGUISTICS)
<b>Department</b>	DEPARTMENT OF HUMANITIES
<b>Course</b>	HUMANITIES
<b>Curriculum</b>	PERCORSO COMUNE
<b>Year of study</b>	3°
<b>Period</b>	(21/09/2015 - 23/12/2015)
<b>ECTS</b>	6
<b>Lesson hours</b>	36 lesson hours
<b>Language</b>	Italian.
<b>Activity type</b>	ORAL TEST
<b>Teacher</b>	JEZEK ELISABETTA (titolare) - 6 ECTS
<b>Prerequisites</b>	Familiarity with basic notion in general linguistics.
<b>Learning outcomes</b>	The course applies basic linguistics methods and notions to the fields of language teaching and corpus linguistics.
<b>Course contents</b>	<p>The use of annotated corpora for linguistic analysis</p> <p>In this course we learn how to conduct corpus-based linguistic analysis, using methodologies and tools developed within corpus linguistics and computational linguistics. The student will be asked to set up and carry out an in-depth corpus-based analysis of a chosen linguistic phenomenon.</p> <ol style="list-style-type: none"><li>1. What counts as an annotated corpus.</li><li>2. Corpus query systems and methods.</li><li>3. Annotation and mark-up.</li></ol>

4. Regular expressions.
5. Frequency and association measures.
6. Types of corpora.
7. Examples of linguistic analyses and generalizations based on empirical evidence.

#### Teaching methods

Lectures  
Slides  
Lab

#### Reccomended or required readings

##### Types of corpora

Lenci A., Montemagni S., Pirrelli V. 2005. *Testo e Computer*, Roma: Carocci, Cap. 1: "I dati della lingua".

##### Annotation e mark-up

Lenci A., Montemagni S., Pirrelli V. 2005. *Testo e Computer*, Roma: Carocci, Cap. 8: "L'annotazione linguistica del testo".

##### Corpus query tools and regular expressions

Kilgarriff A., Rychly, P., Smrž, P. Tugwell, D. 2004. "The Sketch Engine". In Williams G. and S. Vessier (eds.), *Proceedings of the XI Euralex International Congress*, July 6-10, 2004, Lorient, France. 105-111.

##### Corpus (introduction)

Sinclair J. 2005. "Corpus and Text - Basic Principles". In Wynne M. (ed.) *Developing Linguistic Corpora: a Guide to Good Practice*, Oxford: Oxbow Books: 1-16.

##### Corpus (web corpora)

Baroni M. and A. Kilgarriff. 2006. "Large Linguistically-Processed Web Corpora for Multiple Languages". In *Proceedings of EACL 2006 (European Association for Computational Linguistics)*, 87-90.

##### Annotazione (introduction)

Leech G. 2005. "Adding Linguistic Annotation". In Wynne M. (ed.) *Developing Linguistic Corpora: a Guide to Good Practice*, Oxford: Oxbow Books: 17-29.

##### Argument structure, frames, pattern

Jezek E. 2012. *On the notion of Frame and Frame relation*. ms. Dipartimento di Studi Umanistici, Università di Pavia, <http://studiumanistici.unipv.it/?pagina=docenti&id=135>.

##### Frame semantics

Fillmore, Charles J. 1982. "Frame semantics". In *The Linguistic Society of Korea (Ed.), Linguistics in the Morning Calm*. Seoul: Hanshin Publishing Co, 111-137.

##### Corpus Pattern Analysis

Hanks, Patrick 1996. "Contextual Dependency and Lexical Sets". In *International Journal of Corpus Linguistics* 1 (1).

Annotation: Framenet Annotation Guidelines

Ruppenhofer J., Ellsworth M., Petruk M. R. L., Johnson C. R., Scheffczyk J. (2010) FrameNet? II: Extended Theory and Practice, International Computer Science Institute, University of Berkeley, chapter 3.

Annotation: VerbNet? Annotation Guidelines  
[http://verbs.colorado.edu/verb-index/VerbNet\\_Guidelines.pdf](http://verbs.colorado.edu/verb-index/VerbNet_Guidelines.pdf)

Annotation: Corpus Pattern Analysis Validation Manual  
[http://nlp.fi.muni.cz/projects/cpa/CPA\\_valiman.pdf](http://nlp.fi.muni.cz/projects/cpa/CPA_valiman.pdf)

#### Assessment methods

Final oral exam covering material from the entire course.  
Final assignment reporting the results of an in-depth corpus-based analysis of a chosen linguistic phenomenon.

#### Further information

Final oral exam covering material from the entire course.  
Final assignment reporting the results of an in-depth corpus-based analysis of a chosen linguistic phenomenon.

#### Sustainable development goals - Agenda 2030

[\\$lbl legenda sviluppo sostenibile](#)