

## European Master in Lexicography (EMLex)

### Advanced module A3: Modeling and Representing Data in Digital Lexicography

Name of the module	<b>Advanced module A3: Modeling and Representing Data in Digital Lexicography</b>	5 ECTS
Courses	Block seminar: 4 bis 8 days, 24-28 hours	
Lecturer	Peter Meyer	
Person responsible for module	Prof. Dr. Alain Polguère	
Content	<ul style="list-style-type: none"> <li>- Data modeling for lexicographical data: ERM; trees, tables, graphs</li> <li>- Storing lexicographical data: database models and technologies</li> <li>- XML technologies: standards and tools</li> <li>- How online dictionaries work: basics of web technology; presentation in the browser</li> <li>- Managing the e-lexicographical process: tools and applications</li> </ul>	
Learning outcomes	<p>The students should</p> <ul style="list-style-type: none"> <li>- be able to analyse scientific texts regarding the topics, to formulate technical questions and suggest solutions to these problems on a conceptual level</li> <li>- be able to work out solutions and make informed decisions together with IT professionals in digital lexicography projects</li> <li>- improve communicating skills by presenting the results of technical analyses to the other participants in an intelligible way</li> </ul>	
Requirements for participation	25 ECTS points obtained in the first semester	
Positioning within the schedule	Elective module in the second semester (6 or 7 from 10).	
Applicability of the module	For the EMLex Master degree programme	
Examination	<p>The teacher chooses one of the following:</p> <ul style="list-style-type: none"> <li>a) 90-minute final paper in class;</li> <li>b) presentation in class plus a brief paper (10 pages max.);</li> <li>c) longer take-home paper (15-20 pages)</li> </ul>	
Calculation of the final mark for the module	100% of the mark obtained in the final exam / assignment	
Retakes of the exam	1	
Frequency	Annually, during summer term	
Workload	<p>Attendance: 5-8 days, 24-28 teaching hours</p> <p>Private study: 120 hours</p>	

Duration of module	block seminar	
Language of teaching	English	
Selected literature	Abel, Andrea (2012): Dictionary Writing Systems and Beyond. In: Granger, Sylviane / Paquot, Magali (eds.): Electronic Lexicography. Oxford: Oxford University Press, 83-106. ( <a href="http://www.eurac.edu/en/research/autonomies/commul/Documents/Abel/ABEL_DWS_Pre-pub_Electr-Lex_2012.pdf">http://www.eurac.edu/en/research/autonomies/commul/Documents/Abel/ABEL_DWS_Pre-pub_Electr-Lex_2012.pdf</a> )	
Last changes	Feb. 2019	