

## EMLex Advanced Module A3

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| 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  |        |
| Lectures                                     | Peter Meyer, Alain Polguère   |        |
| 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   |        |

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| Frequency            | Annually, during summer term  |  |
| Workload             | Attendance: 5-8 days, 24-28 teaching hours<br>Private study: 120 hours  |  |
| 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.<br>( <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   |  |