

CURRICULUM M.SC. APPLIED ARTIFICIAL INTELLIGENCE AND NLP

DISTANCE LEARNING, 60 ECTS

| Semester | | | Module | Course Code | Course | ECTS | Type of Exam | |
|-------------|-------------|-------------|------------------------|-------------------------------|-----------------------------|-------------------------------|---------------------------------|-------------------|
| FT | PT I | PT II | | | | | | |
| 1. Semester | 1. Semester | 1. Semester | Machine Learning | DLMDSML01 | Machine Learning | 5 | Exam | |
| | | | Deep Learning | DLMDSDL01 | Deep Learning | 5 | Oral Assignment | |
| | | | Reinforcement Learning | DLMAIRIL01 | Reinforcement Learning | 5 | Written Assignment | |
| | 2. Semester | 2. Semester | 2. Semester | Inference and Causality | DLMAIAC01 | Inference and Causality | 5 | Advanced Workbook |
| | | | | Seminar: Current Topics in AI | DLMAISCTAI01 | Seminar: Current Topics in AI | 5 | Research Essay |
| | | | | Natural Language Processing | DLMAIWNLPA01 | Natural Language Processing | 5 | Oral Assignment |
| | | | | NLP in Education | DLMAIWNLPIE01 | NLP in Education | 5 | Research Essay |
| 2. Semester | 3. Semester | 3. Semester | Voice Assistants | DLMAIWNLPA02 | Voice Assistants | 5 | Portfolio | |
| | | | NLP for Accessibility | DLMAIWNLPIE02 | NLP for Accessibility | 5 | Research Essay | |
| | | | Master Thesis | DLMMTHES01 DLMMTHES02 | Master Thesis Colloquium | 13,5 1,5 | Master Thesis Thesis Defence | |
| Total | | | 60 ECTS | | | | | |



You've already planned out exactly how your course schedule should look? Wonderful! The IU International University of Applied Sciences offers you the flexibility to choose any available module you like from any semester. You can work on a number of modules at the same time or one by one.



At the beginning, choose modules that particularly interest you or that you can use directly in your job. This motivates you and gives you success right from the start.



You can find more information about your degree program in the module handbook on our website.