# CURRICULUM M.SC. ARTIFICIAL INTELLIGENCE, 60 ECTS, PART-TIME (18 MONTHS)

INTERNATIONALE HOCHSCHULE FERNSTUDIUM

| Semester | Module | Course Code | Course Name | ECTS | |
|---|---|---|---|---|---|
| 1. Semester 20 ECTS | Machine Learning | DLMDSML01 | Machine Learning | 5 | E |
| | Deep Learning | DLMDSDL01 | Deep Learning | 5 | OA |
| | Use Case and Evaluation | DLMDSUCE01 | Use Case and Evaluation | 5 | OA |
| | Reinforcement Learning | DLMAIRIL01 | Reinforcement Learning | 5 | WAWA |
| 2. Semester 20 ECTS | Seminar: Current Topics in AI | DLMAISCTAI01 | Seminar: Current Topics in AI | 5 | WARE |
| | Project: AI Use Case | DLMAIPAIUC01 | Project: AI Use Case | 5 | P |
| | ELECTIVE MODULE ** | | e.g. Computer Vision and NLP | 10 | |
| 3. Semester 20 ECTS | Master Thesis | DLMMTHE01<br>DLMMTHE02 | Master Thesis<br>Thesis Defence | 18<br>2 | WAT<br>PC |
| TOTAL 60 ECTS | GOAL: In order to stay on schedule, you should finish modules of about 20 Credit Points per semester! | | | | |

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* All the modules that have been unlocked for the Online Exams can be found in CARE.

**NOTE:**
If the result of the recognition exam is still pending, you should not choose any courses that you have applied for.

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| **E** | Exam (monthly at study centres or anytime via the online exam*) |
| **OA** | Oral Assignment |
| **P** | Portfolio |
| **PC** | Presentation: Colloquium |
| **WARE** | Written Assessment: Research Essay |
| **WAT** | Written Assessment: Thesis |
| **WAW** | Written Assessment: Written Assignment |

**** Elective**
**- Choose one module**

**Elective Module:**

- Computer Vision and NLP
- Advanced Robotics 4.0
- Applied Autonomous Driving

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

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As you begin your studies, choose modules that are of particular interest to you or that you can use directly in your job. This motivates you and helps you succeed right from the start.

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A module with two courses consists of an introduction and a consolidation. In order to successfully complete a module, you must successfully pass both the introduction and the consolidation of the module within the framework of a module examination.