

## MSc in AI (Artificial Intelligence with Affective Computing, AIAC, 2026)

### Compulsory Subjects

| Code            | Courses  | Subject requirement | Lecture (L) | Practice (Pr) | Labor | Consultation | Requirement | Credit    | Semester | 1st Semester | 2nd Semester | 3rd Semester | 4th Semester |
|-----------------|--|---------------------|-------------|---------------|-------|--------------|-------------|-----------|----------|--------------|--------------|--------------|--------------|
| IPM-26MIiDNDEG  | Deep Network Developments  |                     | 2           | 0             | 2     | 2            | XE          | 6         | 1        | 2+0+2+2      |              |              |              |
| IPM-26MIMTAAEG  | Methods and tools for AI applications                                |                     | 2           | 0             | 2     | 2            | XE          | 6         | 1        | 2+0+2+2      |              |              |              |
| IPM-26MIIDSEG   | Introduction to Data Science   |                     | 2           | 0             | 2     | 2            | XE          | 6         | 1        | 2+0+2+2      |              |              |              |
| IPM-26MIPREPG   | Preparation course for master studies and developing learning skills |                     | 0           | 3             | 0     | 0            | PG          | 2         | 1        | 0+3+0+0      |              |              |              |
| IPM-26MIiPAIEG  | Principles of artificial intelligence                                |                     | 2           | 0             | 2     | 2            | XE          | 6         | 2        |              | 2+0+2+2      |              |              |
| IPM-26MILEAE    | Legal and Ethical Aspects of DS and AI                               |                     | 2           | 0             | 0     | 2            | E           | 4         | 2        |              | 2+0+0+2      |              |              |
| IPM-26MIACEG    | Affective Computing  | IPM-26MIiDNDEG      | 2           | 0             | 2     | 2            | XE          | 6         | 2        |              | 2+0+2+2      |              |              |
| IPM-26MICOSCEG  | Cognitive Science  |                     | 2           | 2             | 0     | 2            | XE          | 6         | 3        |              |              | 2+2+0+2      |              |
| IPM-26MIEIEG    | Embodied Intelligence  |                     | 2           | 0             | 2     | 2            | XPG         | 6         | 3        |              |              | 2+0+2+2      |              |
| IPM-26MINLPFMEG | Natural Language Processing and Language-based Foundation Models     | IPM-26MIiDNDEG      | 4           | 0             | 4     | 4            | XE          | 12        | 3        |              |              | 4+0+4+4      |              |
| IPM-26MIPRG     | Internship   |                     |             |               |       |              |             | 0         | 4        |              |              |              | 520 hours    |
|                 | <b>Compulsory credits</b>  |                     |             |               |       |              |             | <b>60</b> |          | <b>20</b>    | <b>16</b>    | <b>24</b>    | <b>0</b>     |

### I&E modul

| Code             | Courses                                    | Subject requirement | Lecture (L) | Practice (Pr) | Labor | Consultation | Requirement | Credit    | Semester | 1st Semester | 2nd Semester | 3rd Semester | 4th Semester |
|------------------|--|---------------------|-------------|---------------|-------|--------------|-------------|-----------|----------|--------------|--------------|--------------|--------------|
| IPM-22fi&EBEG    | I&E Basics                                 |                     | 2           | 2             | 0     | 2            | XPG         | 6         | 1        | 2+2+0+2      |              |              |              |
| IPM-22fi&EBDL1G  | Business Development Lab I.                |                     | 0           | 2             | 0     | 2            | PG          | 4         | 1        | 0+2+0+2      |              |              |              |
| IPM-22fi&EBDL2G  | Business Development Lab II.               |                     | 0           | 2             | 0     | 2            | PG          | 4         | 2        |              | 0+2+0+2      |              |              |
| IPM-22fi&EIAOEEG | Innosocial Aspects of the Entrepreneurship |                     | 2           | 2             | 0     | 2            | XPG         | 6         | 2        |              | 2+2+0+2      |              |              |
| IPM-22fi&ETSSG   | Thematic Summer Schools with I&E project   |                     | 1           | 1             | 0     | 2            | XPG         | 4         | 2        |              | 1+1+0+2      |              |              |
| IPM-22fi&ESTEG   | I&E Study                                  |                     | 2           | 2             | 0     | 2            | XPG         | 6         | 3        |              |              | 2+2+0+2      |              |
|                  | <b>I&amp;E module credits</b>              |                     |             |               |       |              |             | <b>30</b> |          | <b>10</b>    | <b>14</b>    | <b>6</b>     | <b>0</b>     |

|                                       |  |  |  |  |  |           |           |           |          |           |           |           |           |
|---------------------------------------|--|--|--|--|--|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|
| <b>Compulsory courses credits</b>     |  |  |  |  |  |           |           | <b>60</b> |          | <b>20</b> | <b>16</b> | <b>24</b> | <b>0</b>  |
| <b>I&amp;E Module credits</b>         |  |  |  |  |  |           |           | <b>30</b> |          | <b>10</b> | <b>14</b> | <b>6</b>  | <b>0</b>  |
| <b>Thesis Consultation/Internship</b> |  |  |  |  |  | <b>10</b> | <b>PG</b> |           | <b>4</b> |           |           |           | <b>30</b> |

|                                 |  |  |  |  |  |  |  |            |  |           |           |           |           |
|---------------------------------|--|--|--|--|--|--|--|------------|--|-----------|-----------|-----------|-----------|
| <b>SUMMA CREDIT IN SEMESTER</b> |  |  |  |  |  |  |  | <b>120</b> |  | <b>30</b> | <b>30</b> | <b>30</b> | <b>30</b> |
| <b>SUMMA CREDIT</b>             |  |  |  |  |  |  |  |            |  |           |           |           |           |

CA: Practice with continuous assessment; PG: Practical Grade; E: Exam; XE: Lecture+Practice with Exam; XPG: Lecture+Practice with Practical Grade

