### Regulatory constraints

<table>
<thead>
<tr>
<th>Years</th>
<th>Hours per year</th>
<th>ECTS per year</th>
<th>Total nr of hours</th>
<th>Total nr of ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1500</td>
<td>60</td>
<td>4500</td>
<td>180</td>
</tr>
</tbody>
</table>

The total time conventionally assigned to research and training activities is 1500 hours per year.

| Roughly, the total effort to be spent in educational and training activities ranges between 200 and 450 hours. |

| Mandatory activities are highlighted in blue |
| Complementary activities are highlighted in yellow |

#### I year

- **Fundamental and specialised courses (proposed by the supervisor and assigned by the Academic Board. Both in- and off-Campus.)**
  - Hours: 100
  - ECTS: 20
  - Note: 4 courses of 5 ECTS each

- **Attending courses/schools/workshops/conferences (1 ECTS per day)**
  - Hours: 25
  - ECTS: 5
  - Note: 5 days of summer school

- **FORM (see note (D))**
  - Hours: 5
  - ECTS: 1
  - Note: 1 ECTS per day

- **Attending mandatory seminars (at least 4)**
  - Hours: 25
  - ECTS: 5

- **Progresses on the research project, year I**
  - Hours: 30
  - ECTS: 10

- **Yearly report and oral presentation, year I**
  - Hours: 3
  - ECTS: 1

#### II year

- **Attending courses/schools/workshops/conferences (1 ECTS per day)**
  - Hours: 4
  - ECTS: 1

- **Attending mandatory seminars (at least 4)**
  - Hours: 25
  - ECTS: 5

- **FORM (see note (D))**
  - Hours: 5
  - ECTS: 1

- **Progresses on the research project, year II**
  - Hours: 40
  - ECTS: 10

- **Yearly report and oral presentation, year II**
  - Hours: 3
  - ECTS: 1

#### III year

- **Attending mandatory seminars (at least 4)**
  - Hours: 25
  - ECTS: 5

- **FORM (see note (D))**
  - Hours: 5
  - ECTS: 1

- **Progresses on the research project, year III**
  - Hours: 45
  - ECTS: 10

- **Yearly report and oral presentation, year III**
  - Hours: 4
  - ECTS: 1

**Total hours of classroom lessons: 177**

**ECTS: 51**

**Total ECTS: 160**

### Complementary activities (to be selected)

<table>
<thead>
<tr>
<th>Complementary activities (to be selected)</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specialised courses (proposed by the supervisor and assigned by the Academic Board. Both in- and off-Campus.)</td>
<td>See note (A)</td>
</tr>
<tr>
<td>Data acquisition campaigns</td>
<td></td>
</tr>
<tr>
<td>Attending seminars</td>
<td>0,25 each</td>
</tr>
<tr>
<td>Attending international conferences/workshops</td>
<td>1 per day</td>
</tr>
<tr>
<td>Oral presentation, extended abstract or poster in international conference (pertinent to Ph.D. thesis)</td>
<td></td>
</tr>
<tr>
<td>Oral presentation, extended abstract or poster in international conference (not pertinent to Ph.D. thesis)</td>
<td>2,5</td>
</tr>
<tr>
<td>Proceedings in international, peer-reviewed conference (pertinent to Ph.D. thesis)</td>
<td>10</td>
</tr>
<tr>
<td>Proceedings in international, peer-reviewed conference (not pertinent to Ph.D. thesis)</td>
<td>5</td>
</tr>
<tr>
<td>Activity</td>
<td>Hours</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>Article on ISI/SCOPUS journal (pertinent to Ph.D. thesis)</td>
<td>30</td>
</tr>
<tr>
<td>Article on ISI/SCOPUS journal (not pertinent to Ph.D. thesis)</td>
<td>15</td>
</tr>
<tr>
<td>Invited seminar given off-Campus</td>
<td>5</td>
</tr>
<tr>
<td>Awards and prizes</td>
<td>5</td>
</tr>
<tr>
<td>Time spent in Academic and Research Institutions abroad</td>
<td>2 per month</td>
</tr>
<tr>
<td>FORM (see note (D))</td>
<td>1 per 5 hours</td>
</tr>
<tr>
<td>Complementary tutoring and teaching activities offered to undergraduate students (max 50 hours per year, of which 15 hours of complementary, teaching activity)</td>
<td>1 per 5 hours</td>
</tr>
</tbody>
</table>

**NOTES**

(A) 1 ECTS = 25 hours of student work, of which 5 hours of classroom activities, 15 hours of individual study, 5 hours of exam preparation. Conventional definition of the student workload corresponding to 1 ECTS: 60 ECTS measures the student workload during one academic year, equivalent to 1500 hours of total work.

(B) Activities completed within each academic year will be reported and countersigned by the supervisor on the student's personal Transcript of Records document (ToR).

(C) 20% of the expected ECTS during each academic year can be obtained during the previous or the following academic year (but always within the three-year PhD).

(D) FORM = interdisciplinary training focused on the promotion and management of research results and intellectual property, and on the knowledge of European and International research systems.