

| Regulatory constraints | Years | Hours per year | ECTS per year | Total nr of hours | Total nr of ECTS | |
|---|-------|----------------|---------------|-------------------|------------------|--|
| Total research and training activities within the PhD program | 3 | 1500 | 60 | 4500 | 180 | The total time conventionally assigned to research and training activities is 1500 hours per year. |
| | | | | 200-450 | | 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

| | Mandatory activities | | | | Total hours of classroom lessons | ECTS | |
|----------|---|--|--|--|----------------------------------|------|--------------------------------|
| I year | | | | | | | |
| | Fundamental and specialised courses (proposed by the supervisor and assigned by the Academic Board. Both in- and off-Campus.) | | | | 100 | 20 | e.g.: 4 courses of 5 ECTS each |
| | Attending courses/schools/workshops/conferences (1 ECTS per day) | | | | 25 | 5 | e.g.: 5 days of summer school |
| | Attending mandatory seminars (at least 4) | | | | 4 | 1 | |
| | FORM (see note (D)) | | | | 5 | 1 | |
| | Progresses on the research project, year I | | | | | 30 | |
| | Yearly report and oral presentation, year I | | | | | 2 | |
| | | | | | | 59 | 59 |
| II year | | | | | | | |
| | Attending courses/schools/workshops/conferences (1 ECTS per day) | | | | 4 | 1 | |
| | Attending mandatory seminars (at least 4) | | | | 25 | 5 | |
| | FORM (see note (D)) | | | | 5 | 1 | |
| | Progresses on the research project, year II | | | | | 40 | |
| | Yearly report and oral presentation, year II | | | | | 3 | |
| | | | | | | 50 | 50 |
| III year | | | | | | | |
| | Attending mandatory seminars (at least 4) | | | | 4 | 1 | |
| | FORM (see note (D)) | | | | 5 | 1 | |
| | Progresses on the research project, year III | | | | | 45 | |
| | Yearly report and oral presentation, year III | | | | | 4 | |
| | | | | | 177 | 51 | 51 |
| | | | | | | | 160 |
| | Complementary activities distributed over three years (corresponding ECTS assigned in the table of complementary activities) | | | | | | 20 |
| | | | | | | | 180 |

| Complementary activities (to be selected) | | | ECTS | |
|---|--|--|--------------|--|
| Specialised courses (proposed by the supervisor and assigned by the Academic Board. Both in- and off-Campus.) | | | See note (A) | |
| Data acquisition campaigns | | | 5 | |
| Attending seminars | | | 0,25 each | max 1 ECTS per anno |
| Attending international conferences/workshops | | | 1 per day | max 10 ECTS per year (mandatory ones included) |
| Oral presentation, extended abstract or poster in international conference (pertinent to Ph.D. thesis) | | | 5 | |
| Oral presentation, extended abstract or poster in international conference (not pertinent to Ph.D. thesis) | | | 2,5 | |
| Proceedings in international, peer-reviewed conference (pertinent to Ph.D. thesis) | | | 10 | |
| Proceedings in international, peer-reviewed conference (not pertinent to Ph.D. thesis) | | | 5 | |

| | | | | |
|---|--|--|---------------|---|
| Article on ISI/SCOPUS journal (pertinent to Ph.D. thesis) | | | 30 | |
| Article on ISI/SCOPUS journal (not pertinent to Ph.D. thesis) | | | 15 | |
| Invited seminar given off-Campus | | | 5 | |
| Awards and prizes | | | 5 | |
| Time spent in Academic and Research Institutions abroad | | | 2 per month | max 12 ECTS per year |
| FORM (see note (D)) | | | 1 per 5 hours | max 3 ECTS per year (mandatory ones included) |
| Complementary tutoring and teaching activities offered to undergraduate students (max 50 hours per year, of which 15 hours of complementary, teaching activity) | | | 1 per 5 hours | max 10 ECTS per year |

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| 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 <i>Transcript of Records</i> 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 |