PhD program in Mathematics and Computer Science - University of Cagliari
Rules for credits acquisition – Valid from XXXV cycle onwards - *July 2021 update*

The PhD program adopts the European Credits system (EC CFR: Crediti di Formazione alla Ricerca). Students must collect at least 180 CFR in 3 years. During three years each student must collect no less than 12 and no more than 36 CFR of courses/seminars activities (referred to in the followings as I.1, I.2, I.3). No more than 40 tutoring/teaching hours are allowed per year (I.5). The credits are always granted upon approval of the PhD Board. The B2 English certification is required. At the beginning of each year, each PhD student must present a plan of the courses he/she is going to follow. This plan must be approved by the PhD Board. The PhD board also reserves the right to approve or disapprove the credits related to research activities.

The following rules are for bibliometric sectors. In the case of students working with a tutor in a non-biblometric sector, the PhD Board will make appropriate customization of these rules.

I. Courses and tutoring activities
1. Seminars: 0.15 CFR x 1h
2. PhD courses:
    a. lectures only: 1 CFR x 8h
    b. lectures + exam: 1 CFR x 5h
3. Bachelor/Master courses: 1 CFR = 1 CFU (it is mandatory to pass the related exam)
4. English B2 certification: 4 CFR
5. Tutoring: 1 CFR x 8h (max 5 CFR x year)

II. Research activities
1. Phd Thesis
    a. Proposal (report+talk) at the end of first year: 30 CFR;
    b. Progress (report+talk) at the end of second year: 30 CFR;
    c. Admission to the final exam at the end of third year: 30 CFR.

2. Mobility (national/international): 0.5 CFR per week above 3 months.

Mathematics Curriculum

3. Publications (published or accepted for publication)[1][2]:
    a. Paper on Q1-Q2 journal (ISI/Scimago) or ASN Area 13 class A list (pertaining to scientific sector: SSD SECS-S/01 - Statistics): 40 CFR;
    b. Paper on Q3-Q4 journal (ISI/Scimago): 30 CFR;
    b bis. Paper on ASN Area 13 – scientific journal list (SSD SECS-S/01): 20 CFR;
    c. Paper on peer-reviewed journal: 10 CFR;
    d. Paper on conf./workshop proceedings and books indexed on ISI/Scopus (min. 4 pages): 10 CFR;
    d bis. Chapter of book (SSD SECS-S/01) : 10 CFR;
    e. Technical report and other papers: 5 CFR (max. 15 CFR overall);
    f. Workshop proceedings with ISBN (SSD SECS-S/01): 5 CFR (max. 15 CFR overall)

4. Conferences & Talks:
    a. Oral presentation at a conference or workshop: 10 CFR;
    b. Poster at a conference or workshop: 5 CFR;
    c. Participation to a conference or workshop (without paper/talk): 1 CFR x day (max. 4 CFR per conference, max. 15 CFR);
    d. Research seminar/lecture: 5 CFR (max. 30 CFR);
    e. Best Paper award at a conference/workshop: 5 CFR.

Computer Science and Big Data Curricum

5. Publications (published or accepted for publication)[1][2]:
    a. Paper on top level journal (ISI/Scimago, Q1): 35 CFR;
    b. Paper on high level journal (ISI/Scimago, Q2): 25 CFR;
    c. Paper on ranked journal (ISI/Scimago, Q3-Q4): 15 CFR;

---

1   The same publication (for instance on conference proceedings and on a journal) cannot be considered more than once. An extended version is not considered "same publication".
2   In the case of new journals, the PhD Board will decide what ranking, if any, to attribute to the journal.

d. Paper on conference/workshop proceedings[3]:
    A, A* CORE ranking 2018: 35 CFR full paper, 25 CFR other kinds of publication;
    B CORE ranking 2018: 15 CFR full paper, 10 CFR other kinds of publication;
    C CORE ranking 2018, or **newly instituted** conferences or workhops, with proceedings published by IEEE, ACM, Springer, Elsevier, or the like, not yet included in CORE or GII-GRIN-SCIE C.R.:
        10 CFR full paper, 5 CFR other kinds of publication;
    With proceedings indexed in ISI/Scopus: 5 CFR;
e. Chapters of scientific books published by primary publishers (Springer, Wiley, Kluwer and the like…): 10 CFR.

6. Conferences & Talks:
    a. Oral presentation: 10 CFR (at a conference or workshop), 5 CFR (other venues, max. 30 CFR);
    b. Poster and demo exhibitions: 5 CFR;
    c. Participation to a PhD Symposium in the context of an international conference, presenting a contribution: 10 CFR;
    e. Best Paper award at a conference/workshop: 20% addition to publication, min. 5 CFR.

III. Constraints

1. from 1st to 2nd year:
    a. >= 40 CFR (of any activity) obtained in the first year
    b. positive evaluation of the thesis proposal
2. from 2nd to 3rd year:
    a. >= 100 CFR (of any activity) obtained in the first two years
    b. positive evaluation of the thesis progress
3. by the end of the PhD:
    a. >= 180 CFR (of any activity, with 12-36 CFR of courses and tutoring activities) obtained in 3 years
    b. English level B2
    c. at least 3 months of national/international mobility
    d. positive evaluation of the PhD thesis presentation

The PhD Board can approve exceptions to these rules, in the case of strong, well documented motivations.

---

3   The 2018 CORE ranking (www.core.edu.au/conference-portal) will be used until an updated ranking will be chosen. In the case the conference has a better CORE ranking in a subsequent year, the most favourable ranking will be used. In the case the conference is not included in CORE ranking, but is included as class 1, 2 or 3 in "GII-GRIN-SCIE Conference Rating" (http://scie.lcc.uma.es/gii-grin-scie-rating), the equivalent CORE class is: class1: A; class 2: B; class 3: C.