



PHD course in Biotechnology, XXXVI cycle

The PHD course in Biotechnology organizes courses, seminars and journal club for the PHD students during the three years enabling students to obtain up to 36 CFU every year.

In particular, the PHD course in Biotechnology is focused on four main subjects: Plant Sciences, Food Sciences, Biomedical Sciences, Environmental Sciences/Bioresources. The didactic activities organized will be equally balanced among these four different areas. Every year, 4 seminars (1 hour each, 1 CFU/h) and 2 courses (4 hours each, 1CFU/2 h) will be given for each of the different subject areas, with a total of 16 seminars and 8 courses per year.

Journal club will be also organized for the different subject area where PHD students will present relevant articles on the four different subject areas (1CFU/2h). Other CFU can be yielded by students on the base of their research activities.

	SEMINARS PER YEAR	COURSES PER YEAR	CFU JOURNAL CLUB	TOTAL CFU PER YEAR	TOTAL CFU PER 3 YEARS
PLANT SCIENCES	4	2	1	9 CFU	27 CFU
FOOD SCIENCES	4	2	1	9 CFU	27 CFU
BIOMEDIAL SCIENCES	4	2	1	9 CFU	27 CFU
ENVIRONMENTAL SCIENCES/BIORESOURCES	4	2	1	9 CFU	27 CFU
TOTAL	16	8	4	36 CFU	108 CFU

The SSD involved in the didactic activity for the 4 different subjects are the following:

	SEMINARS PER YEAR
PLANT SCIENCES	BIO/01 BIO/04 AGR/03 AGR/07 AGR/11 AGR/12 AGR/13
FOOD SCIENCES	Agr/15 AGR/16 CHIM/10
BIOMEDIAL SCIENCES	BIO/06 bio/10



	bio/11 bio/18 chim/01 chim/06
ENVIRONMENTAL SCIENCES/BIORESOURCES	BIO/04 BIO/10 BIO/19 ING-IND/25 AGR/13

For the a.a. 2020/2021 the calendar for the seminars and courses is the following:

N.	DATE	SUBJECT	SEMINAR/COURSE
1	02/10/2020	Plant Sciences	course
2	16/10/2020	Environmental Sciences/Bioresources	course
3	30/10/2020	Food Sciences	course
4	13/11/2020	Biomedical Sciences	course
5	27/11/2020	Plant Sciences	seminar
6	11/12/2020	Environmental Sciences/Bioresources	seminar
7	15/01/2021	Food Sciences	course
8	22/01/2021	Biomedical Sciences	seminar
9	05/02/2021	Plant Sciences	seminar
10	19/02/2021	Environmental Sciences/Bioresources	seminar
11	05/03/2021	Food Sciences	seminar
12	12/03/2021	Biomedical Sciences	seminar
13	26/03/2021	Plant Sciences	seminar
14	09/04/2021	Environmental Sciences/Bioresources	seminar
15	16/04/2021	Food Sciences	seminar
16	30/04/2021	Biomedical Sciences	seminar
17	14/05/2021	Plant Sciences	seminar
18	28/05/2021	Environmental Sciences/Bioresources	seminar
19	04/06/2021	Food Sciences	seminar
20	11/06/2021	Biomedical Sciences	seminar
21	25/06/2021	Plant Sciences	seminar



22	09/07/2021	Environmental Sciences/Bioresources	course
23	23/07/2021	Food Sciences	seminar
24	03/09/2021	Biomedical Sciences	course

PHD students will be also involved in tutoring activity in the framework of bachelor or master degree courses for a total of 48 hours in the three PHD years.

PHD students will have also access to didactic activities organized by the PHD School in Natural Sciences and Engineering. The Doctoral School supports English language courses open to doctoral students of all the courses related to it and provides for the financing of other language courses if they are deemed congruent with the training process. The linguistic aspect will also be refined by the fact that most of the doctoral seminars will be held in English. Moreover, the Doctoral School organizes training activities through the delivery of IT and bio-IT lectures and / or seminars, also aimed at the use of advanced software tools for specific applications (e.g. statistical and bio-IT analysis). The doctoral school coordinates and promotes training activities aimed at internationalization and fund raising through the organization of methodological transversal seminar courses relating to research management, knowledge of research and financing systems such as, identification of sources of financing available at national and international level, drafting of financing proposals. Finally, the doctoral school coordinates and promotes training activities aimed at enhancing research results and intellectual property through the organization of seminar courses. Intellectual property management courses, introduction to technology transfer, drafting of scientific articles and curriculum vitae are included in this type of activity.