

course	SSD	Type of activity	language	hrs	credits	year of attendance	final test	optional/mandatory
CHARACTERISATION OF METABOLIC PHENOTYPES VIA DATA INTEGRATION	INF/01	lesson	English	8	1	3	yes	optional
FUNDAMENTALS OF BIOSTATISTICS	INF/01	lesson	English	16	2	2	yes	optional
VALORIZING MICROBIAL BIODIVERSITY FOR SUSTAINABLE BIOPROCESSES AND HUMAN WELLBEING	CHIM/11	lesson/seminar	English	8	1	3	no	optional
INTRODUCTION TO MACHINE LEARNING	INF/01	lesson	English	8	1	1	yes	optional
SINGLE-CELL RNA SEQUENCING DATA PREPROCESSING AND ANALYSIS	INF/01	lesson	English	8	1	1	yes	optional
STEM CELL-BASED EXPERIMENTAL TREATMENTS FOR NEURODEGENERATIVE DISEASES	BIO/13	lesson/seminar	English	8	1	1	yes	optional
BIOLOGICAL DATABASES	INF/01	lesson	English	8	1	2	yes	optional
DECODING THE EFFECT OF DIET ON HUMAN HEALTH THROUGH THE GUT MICROBIOME	AGR/16	lesson	English	8	1	1	yes	optional
LONG READ SEQUENCING OF ENTIRE GENOME AND TRANSCRIPTOMES	BIO/11	lesson	English	8	1	1	yes	optional
ADVANCED THERAPIES, PROGNOSTIC AND DIAGNOSTIC BIOMARKERS IN CANCER DISEASES	BIO/12	lesson	English	8	1	1	yes	optional
ENTERPRENEURSHIP, TT, INNOVATION AND IP MANAGEMENT	CHIM/06	lesson	Italian/English	8	1	2	yes	optional
Course from PhD program in Neuroscience								
THE PRINCIPLE OF 3R IN BOMEDICAL STUDIES **	BIO 17	lesson	Italian/English	16	2	1	yes	optional
Total hrs/credits				112	14			

EXTRA ACTIVITIES outside the 8 mandatory credits (CFU)

SPRING MEETINGS YEAR 1, SEMINAR ACTIVITY, 24 hrs, 2 CFU
SPRING MEETINGS YEAR 2, SEMINAR ACTIVITY, 24 hrs, 2 CFU
SPRING MEETINGS YEAR 3, SEMINAR ACTIVITY, 24 hrs, 2 CFU
ANNUAL PHD MEETING YEAR 1 - 24 hrs of SEMINARS, 2 CFU
ANNUAL PHD MEETING YEAR 2 - 24 hrs of SEMINARS, 2 CFU
ANNUAL PHD MEETING YEAR 3 - 24 hrs of SEMINARS, 2 CFU