



RECOMMENDED CAREER PLAN

CM12

regolamento 2018

Department of Molecular Sciences and Nanosystems

	Year	Semester	Exam-code	Subject	Credits	Credits total amount
a.y. 2018-19	1	I	CM1383-1	Nanomaterials Chemistry and Laboratory - 1	6	60
		I	CM1334	Mathematical Methods for Physics	6	
		I	CM1423	Microbial biosynthesis of nanostructured materials	6	
		II	CM1383-2	Nanomaterials Chemistry and Laboratory - 2	6	
		II	CM1327	Microscopy and structural characterization techniques	12	
		II	CM1328	Simulation of molecular and periodic systems	6	
		II	CM1304	Fundamentals of Spectroscopy	6	
			to be chosen from the list (*)	12		
a.y. 2019-20	2	I	CM1374	Nano-Biomaterials and Laboratory	6	60
		I	CM1375	Colloids and Interfaces	12	
		I	CM1335	Condensed Matter Physics	6	
				elective courses (**)	12	
				Internship	6	
			Thesis	18		
						120

(*) 2 subjects to be chosen from the list below

recomm. year	Semester	Exam-code	Subject	Credits
1	I	CM1424	Short course in Molecular Biology	6
1	I	CM1310	Principles of Biochemistry	6
1	I	CM1303	Principles of Physical Chemistry	6
1	I	CM1336	Fundamentals of Physics	6
1	I	CM1390	Organic Chemistry	6
1	II	CM1301	Applications of Nano and Biotechnology	6
1	II	CM1305	Biomolecular Engineering	6
2	I	CM1302	Applied Statistics for Biology and Biotechnology	6

(**) Among the 12 credits to be chosen by the students, it is possible to add courses available for every Master Degree programme of Ca' Foscari University.
In the Academic Year 2018/2019 the following elective courses are available for this Master Degree.

Semester	Exam-code	Subject	Credits
I-II	CM1391	Physics of Soft Matter	6
I-II	CM1427	Nano Pharmacology	6
II	CM1499	Microbiology and Laboratory	6
II	CM0530	Nanoscience and engineering	6