



RECOMMENDED CAREER PLAN

Department of Molecular Sciences and Nanosystems

CM12

ordinamento 2019
regolamento 2020

	Year	Semester	Exam-code	Subject	Credits	Credits total amount
a.a. 2020-21	1	I	CM1309	Nanomaterials Chemistry and Laboratory	6	63
			CM1406	Fundamentals of nanotechnology	12	
			CM1311	Mathematical Methods for Physics	9	
		II	CM1327	Microscopy and structural characterization techniques	12	
			CM1304	Fundamentals of Spectroscopy	6	
			CM1312	Introduction to Nanosynthesis, Nanomaterials and Oxide-Based Biomaterials	6	
			CM1401	Biomacromolecular Engineering	6	
I-II		A scelta nella lista (*)	6			
a.a. 2021-22	2	I	CM1313	Condensed Matter Physics	6	57
			CM1375	Colloids and Interfaces	9	
		I-II		A scelta nella lista (*)	6	
				A libera scelta (**)	12	
				Tirocini formativi e di orientamento	6	
				Prova finale	18	
					tot. CFU	120

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

Recomm. year	Semester	Exam-code	Subject	Credits
1	I	CM1425	Microbiology	6
1	I	CM1424	Short course in Molecular Biology	6
1	II	CM1301	Applications of Nano and Biotechnology	6
2	I	CM1314	Nano-biomaterials	6
2	I	CM1302	Applied Statistics for Biology and Biotechnology	6
2	II	CM1391	Physics of Soft Matter	6

Elective courses

(**) 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 2020/2021 the above elective courses are available for this Master Degree.

Recommended elective courses for the a.y. 2020/2021

anno	semestre	Codice	Insegnamento	CFU
1-2	I	CM1315	Introduction to emerging technologies	6