

**Master degree course in INDUSTRIAL NANOBIOLOGIES FOR
PHARMACEUTICALS: program**

Courses	ECTS	Semester
1st year		
Biology	3 (choose one course out of these three)	1
Organic chemistry		1
Analitical chemistry		1
Advanced biology	6	1
Preformulation and Pharmaceutical Technology (<i>2 modules</i>)	9	1
<ul style="list-style-type: none"> - Preformulation and biofarmacy - Pharmaceutical Technology 	3 6	
Traditional and innovative dosage forms (<i>2 modules</i>)	12	1
<ul style="list-style-type: none"> - Traditional and controlled release dosage forms - Innovative dosage forms and introduction to nanomedicine 	6 6	
Nanotechnology - based medicines	6	2
Immunology, Biotechnological drugs and vaccines (<i>2 modules</i>)	9	2
<ul style="list-style-type: none"> - Immunology - Biotechnological drugs and vaccines 	3 6	
Traineeship	12	2
Other activities	3	2
2nd year		
Statistics and Chemiometrics	6	3
Industrialization processes and methodologies (<i>2 modules</i>)	9	3
<ul style="list-style-type: none"> - Analytical methods for biopharmaceuticals - Industrialization and Regulatory aspects 	3 6	
Advanced Pharmacology	6	3
Free choice courses	9	3
Final exam	30	4