

Master's Degree in Biomedical Engineering



Biomedical engineering is the discipline which makes use of the principles and methods of the engineering for the solution of problems in biology and medicine, and the improvement in prevention methods, diagnosis, treatment and rehabilitation.

This branch of the engineering has experienced a rapid growth in recent years. It is a spreading field which is producing a high demand for professionals who are able to integrate interdisciplinary teams and face new challenges in the development of the healthcare technology. Please find more information about the program in [this link](#).

Distribution of credits

Compulsory courses	Optional courses	Final Master Thesis	Total ECTS Credits
17.50	22.50	20.00	60.00

Compulsory Courses

Code	Course Name	Term	Language	ECTS Credits
34358	Quality management and certification of medical products	A	ESP	4.00
34367	Innovation and research in medical technology	A	ESP/EN	4.00
34368	Preclinical and clinical research. Design of experiments	A	ESP/EN	4.00
34369	Predictive analytics in health	A	ESP/EN	4.00
34370	Mechanisms of control and regulation of the body functions	A	ESP/EN	1.50
		Total		17.50

Master's Thesis (Compulsory courses)

Code	Course Name	Term	Language	ECTS Credits
33476	Final Master's Thesis	B	ESP/EN	20
		Total		20

Check the list of elective courses offered at this degree [here](#).

Legend

Code	Language
ESP	Spanish
EN	English