

Curriculum of the postgraduate studies

Curriculums for one-year and two - year's studies at the *Institute for Advanced Composites and Robotics* are given as follows:

Curriculum for one-year studies

Code	Course	Credits	Type of course
M1	Mechanics of composite materials	6	Compulsory
M2	Production of advanced composites	6	Compulsory
M3	Basics of composite materials	6	Compulsory
M4-1	Methodology in scientific research work	6	Elective
M4-2	Analysis of composite materials	6	Elective
M5-1	Numerical methods in engineering	6	Elective
M5-2	Robots Control and Software	6	Elective
M5-3	Experiments design and analysis	6	Elective
M6	Basics of the automation of the composite materials production	6	Compulsory
M7	University's elective course 1	4	Elective
M8	Master's Thesis	20	Elective

Curriculum for two-year studies

Code	Course	Credits	Type of course
M1	Mechanics of composite materials	6	Compulsory
M2	Production of advanced composites	6	Compulsory
M3	Basics of composite materials	6	Compulsory
M4-1	Methodology in scientific research work	6	Elective
M4-2	Analysis of composite materials	6	Elective
M5-1	Numerical methods in engineering	6	Elective
M5-2	Robots Control and Software	6	Elective
M5-3	Experiments design and analysis	6	Elective
M6	Basics of the automation of the composite materials production	6	Compulsory
M7	University's elective course 1	4	Elective
M8	Independent research	20	Elective
M9	Independent research	30	Elective
M10	Master's Thesis	30	Elective