Structure of postgraduate studies

Postgraduate studies in Advanced Composites and Robotics are organized as follows:

One-year full time studies with total value of 60 ECTS
Two-years part time studies with total value of 60 ECTS

Structure of one-year full time studies in advanced composites and robotics is given in the following Table 1:

Num. /mod.	Course	Credits	Winter semester	Summer semester
1.M1	Basic fixed	6	6	
2.M2	Basic fixed	6	6	
3.M2	Basic fixed	6	6	
4.M3	Basic fixed	6	6	
5.M3	Basic fixed	6	6	
6.M4/M5	Specific elective	6		6
7.M4/M5	Specific elective	6		6
8.M6	Master's thesis	18		18
	Total Credits	60	30	30

Table 1. Structure of one-year full time studies in advanced composites and robotics

For the part time students tuition is with duration of two years, according to the model presented in the following Table 2:

1. Year

Num. /mod.	Course	Credits	Winter semester	Summer semester
1.M1	Basic fixed	6	6	
2.M2	Basic fixed	6	6	
3.M2	Basic fixed	6	6	
4.M3	Basic fixed	6		6
5.M3	Basic fixed	6		6
	Total Credits	30	18	12

2. Year

Num. /mod.	Course	Credits	Winter semester	Summer semester
6.M4/M5	Specific elective	6	6	
7.M4/M5	Specific elective	6	6	
8.M5	Master's thesis	18		18
	Total credits	30	12	18

Table 2. Structure of two-years studies in advanced composites and robotics

Specificity of these studies is the combination of two research areas: **Composites** and **Robotics.** That's why it is decided these two areas to be included in the basic fixed part, so that the students could acquire knowledge and qualifications for research work in both areas. In the specific part, students would be given a chance for selection of the area they wish to direct to, meaning that they would have a chance to choose one of the two research areas for further specialization: **Advanced Composites** and **Robotics**.

The following knowledge modules that should qualify the student for successful attendance of tuition and research are defined:

- **M1** Module is oriented toward products, innovation and quality development – one course valued with 6 credits
- **M2** Module of basic knowledge in composite materials- two courses, each valued with 6 credits.
- **M3** Module forbasic knowledge in Robotics - two courses, each valued with 6 credits.
- **M4** Module for specific knowledge in composite materials one course valued with 6 credits (from 4 elective courses offered)
- **M5** Module for specific knowledge in robotics – one course valued with 6 credits (from 4 elective courses offered)
- **M6** Module for Master's Thesis with total value of 18 credits.