**Mechatronics**

List of courses – Winter semester

1. Bio-mechatronics 2 ECTS
2. Computer and programming 4 ECTS
3. Embedded computer system architecture and programming 2 ECTS
4. Engineering graphics and engineering drawing 4 ECTS
5. Introduction to mechatronics 3 ECTS
6. Laboratory of digital techniques 2 ECTS
7. Laboratory of measurement and metrology 2 ECTS
8. Methods of design and operation of mechatronic systems 2 ECTS
9. Real-time computer systems 3 ECTS
10. Strength of materials 3 ECTS
11. Models of signals and continuous processes 3 ECTS

**Sum: 30 ECTS**