**Learning outcomes of the undergraduate professional study Telematics**

1. Connect mathematical methods and engineering principles from electrical engineering, signal processing and automatic control of systems with application in telematics
2. Evaluate measurement results in telematic systems
3. Conduct computer simulations for analysis and synthesis of simpler telematic systems
4. Produce a specification of computer hardware configuration based on functional and non-functional user requirements
5. Set the operating system configuration according to its application
6. Analyze the needs of the company and set up a computer network and network services accordingly
7. Create models of the company's information system using appropriate design methods
8. Select suitable telecommunication equipment with regard to the transmission medium and the functional requirements of the user
9. Analyze the features of indoor and outdoor space in order to optimize telecommunications infrastructure using appropriate computer tools and mathematical models
10. Evaluate the quality and availability of telecommunications networks and services using current models
11. Analyze the possibilities of organizing business systems in the field of telematics
12. Compare the marketing concepts for products and services in the context of entrepreneurship in telematics
13. Prepare project documentation for a small telematics system in accordance with the legislation of the Republic of Croatia and the rules of the profession
14. Create digital multimedia materials with professional content using appropriate software tools
15. Demonstrate business communication skills
16. Present professional content in written and spoken form in Croatian and English