Learning outcomes of the undergraduate professional study Railroad Transport

1. Use mathematical methods in transport engineering and transport research
2. Select statistical methods in traffic engineering and traffic research
3. Apply optimal information technology and software to address specific railroad transport problems
4. Apply legislation in the field of railroad transport
5. Assess costs and other relevant economic performance indicators of professional transport solutions
6. Select appropriate managerial and marketing approaches in project management in the field of transport
7. Analyze the environment and assess the key success factors of a transport company
8. Link the legal, economic and security aspects of the transport system with the aim of sustainable development
9. Apply basic technical knowledge and technical principles in transport systems
10. Link engineering principles with the development of standard technical-technological solutions in transport systems
11. Create technical designs and sketches according to the rules of technical drawing
12. Choose a software tool in creating technical drawings
13. Apply norms, standards and recognized technical rules in the implementation of technological and service processes in the field of railroad transport
14. Assess models of exploitation and maintenance of technical equipment in the transport system
15. Distinguish between entities and their powers in the field of railroad transport
16. Select measures for managing technological processes in railroad transport
17. Analyze solutions for railroad transport system planning based on sustainable development principles
18. Conduct field research in transport and interpret the result
19. Evaluate railroad transport safety factors
20. Distinguish spatial-technical elements of planning and placement of transport infrastructure
21. Apply norms, standards and recognized technical rules in the preparation of transport projects in the field of railroad transport
22. Prepare a less complex professional project in railroad transport
23. Independently present professional content orally or in writing in Croatian and/or foreign language
24. Select the appropriate software for creating and presenting professional content
25. Present the solutions of the undertaken tasks and arguably discuss the common solution of the problem