Learning outcomes of the specialist professional graduate study Information Technology in Business Systems

1. Select appropriate application solutions to support business functions
2. Assess the place and role of ICT in the context of organization, management, and business processes
3. Develop a strategic plan for the development of business information systems
4. Develop a business information system using appropriate RAD tools
5. Implement Internet technologies and e-commerce in the business information system
6. Design a business information system using appropriate CASE tools
7. Develop an application solution using an appropriate development framework
8. Apply appropriate methods and techniques for creating and managing databases
9. Integrate software engineering principles in the development of information systems
10. Explore and apply the concepts of modular and distributed architecture in software development
11. Present development and software solutions within a business organization
12. Apply appropriate methods and techniques for managing security and data protection in information and communication systems
13. Identify appropriate standards and apply appropriate quality management methods in the development of business information systems
14. Identify appropriate standards and apply methods of controlling and auditing the business information system
15. Develop a simulation model for business process optimization
16. Produce a production system plan
17. Analyze ways to manage complex, process and production systems using computers
18. Analyze the possibilities of application and automation by robots
19. Apply appropriate ergonomic measures in the field of computer use in the workplace