Students who complete undergraduate program of Information Systems and Technology become **competent** in:

- Collection, analysis and specification of user requests;
- Project management methodologies, practices, principles, processes, tools and techniques in different types of projects, programs and portfolios.
- Software development using current programming languages and development environments;
- Selection, creation, application, integration and administration of information technologies;
- Design, operation and administration of computer networks;
- Analysis, design and implementation of network security systems;
- Design, fabrication, and evaluation of existing user interface;
- Design and implementation of modern e-commerce applications;
- E-learning content development, e-learning implementation;
- Teamwork;
- Designing innovative e-business models and services and driving digital business transformation in enterprises.
- Reviewing and analyzing key concepts and main activities of electronic business and electronic commerce management
- Design and development of modern mobile applications;
- Design and development of multimedia applications.
- Methods, techniques, technical resources and organizational tools for defining solutions to problems in the fields of strategic and operational technology management.
- Organizational structure models and institutional forms.
- Engineering and management methods for modeling, design, implementation, measurement, and improvement of business and work processes in organizational systems.
- Economic science.
- Productivity, capacity and cost management problems in organizational systems.
- Legal problems of information systems and phenomena related to computer networks.
- Mathematical modelling of business and organizational systems
- Mathematical modeling of the decision-making process in business and organizational systems.
- Statistical methods, models, and techniques for problem solving.
- Mathematical modelling for efficiency evaluation of decision-making units.
- Modeling and analyzing of competitive interactions in business and organizational systems.
- Reliability analysis and risk management in business and organizational systems.
- Different theoretical and methodological approaches, and software tools for development of control systems and computational intelligent systems.
- Subject-related foreign language (English, French) for academic purposes.
- Current psychological principles to resolve issues concerning human resource management.
- Various human resource management (HRM) activities in organizations.
- Social environment for solving practical problems, and critical deliberation of the social context and creative and independent action in problem solving.