Students who complete undergraduate program of Management and organization become **competent** in:

- Written and verbal communication through a clear presentation or through communication adapted to specific needs;
- Take the initiative to achieve goals, actively participate in the work process; make complex decisions while respecting ethical implications, delegate responsibility, implement tasks, and effectively utilize employee potential; Managing group dynamics in the direction of successful group performance.
- Problem recognition, critical evaluation, creative, and implementation of acquired knowledge (methods, techniques, technical resources and organizational tools) for resolution of organizational and business problems in production and service management companies;
- Designing and managing processes of innovation and development of new products and business processes, managing innovation projects and portfolio, identification, analysis and use of intellectual property rights for achieving competitiveness and business success.
- Environmental Management and its main principles, strategies, and relevant policies.
- Human resource management (HRM) activities in organizations.
- Teaching class planning and organization, teaching class implementation, teamwork.
- Social environment, social context, and the relationship of scientific and technological development and changes in the social environment.
- Foreign languages (English, French) for academic purposes.
- Marketing and public relations concepts to create, deliver and communicate value for stakeholders and manage relationships with stakeholders.
- Strategic management methodologies, models, practices, principles, processes, tools and techniques in different types of organizations.
- Project management methodologies, practices, principles, processes, tools and techniques in different types of projects, programs and portfolios.
- Investment strategies, methodologies, practices, principles, processes, tools and techniques in different types of investment projects.
- Change management methodologies, models, practices, principles, processes, tools and techniques in different types of organizations.
- Economic science, economic analysis of the development, business economics, business planning, cost management.
- Management of international business of contemporary companies.
- Business in terms of digitization.
- Development of entrepreneurial business.
- Financial management concepts and methods for enterprises and banking industry.
- Capital budgeting, capital structure and dividend policy decisions formulation.
- Financial metrics for marketing purposes.
- Statistical methods, models, and techniques for problem solving.
- Mathematical modelling of business and organizational systems.
- Mathematical modelling for efficiency evaluation of decision-making units.
- Modeling and analysis of competitive interactions in business and organizational systems.
- Reliability analysis and risk management in business and organizational systems.

Students who complete undergraduate program of study group Management become competent in:

- Understanding strategic and operational technology management in the areas of forecasting, planning, organising and managing the dynamics of change of technologies, technology systems, processes and operations.
- Independent use of software applications in solving concrete problems and tasks in their assignments referring

to operational and strategic technology management.

- Designing and managing processes of innovation and development of new products and business processes (organization, marketing, technology, etc.), supported by software solutions.
- Demonstration of knowledges of Environmental Management, and its main principles, strategies, steps, relevant policies, and other tools.
- Demonstration of knowledge of Eco Marketing with high degree of originality in the development of suitiable and responsible environmentally friendly products and services.
- Ability to perform written and oral communication through clear presentation or communication tailored to the needs; Self-application of acquired knowledge and solving practical problems; Ability to identify problems, to think critically, to take creative and independent action
- Application of specific engineering and management methods for modeling, design, implementation, measurement, and improvement of business and work processes in organizational systems.

Students who complete undergraduate study group of Operations Management program become competent in:

- Understanding strategic and operational technology management in the areas of forecasting, planning, organising and managing the dynamics of change of technologies, technology systems, processes and operations.
- Demonstration of knowledge of software application for solving concrete problems and tasks in their assignments referring to operational and strategic technology management.
- Designing and managing innovation and development of new products and business processes (organization, marketing, technology, etc.), modelling and managing innovation projects from idea to realization, modelling and evaluation of innovation portfolio, determining innovation project performance.
- Identification, analysis and use of intellectual property rights and strategy definition for achieving competitiveness and business success.
- Demonstration of knowledge of Environmental Management, and its main principles, strategies, steps, relevant policies, and other tools.
- Demonstration of knowledge of Eco Marketing and Design for the Environment with high degree of originality in the development of suitable and responsible environmentally friendly products and services.
- Ability to perform written and oral communication through clear presentation or communication tailored to the needs; Self-application of acquired knowledge and solving practical problems; Ability to identify problems, to think critically, to take creative and independent action
- Application of specific engineering and management methods for modeling, design, implementation, and improvement of business and work processes, location, layout, work methods, work and performance measurement, and job evaluation systems in organizational systems.
- Application of specific engineering and management methods, techniques and software tools in computer integrated manufacturing (CIM).
- Application of specific lean logistics and supply chain management (SCM) methods, models and tools for understanding, managing and improving material and information flows within the logistics and supply chain processes.

Students who complete undergraduate program of study group Quality Management and Standardization become competent in:

- Understanding strategic and operational technology management in the areas of forecasting, planning, organising and managing the dynamics of change of technologies, technology systems, processes and operations.
- Independent use of software applications in solving concrete problems and tasks in their assignments referring to operational and strategic technology management.
- Demonstration of knowledges of Environmental Quality Management Systems, with their main principles, strategies, steps, relevant policies, and other tools.
- Ability to perform written and oral communication through clear presentation or communication tailored to the needs; Self-application of acquired knowledge and solving practical problems; Ability to identify problems, to think critically, to take creative and independent action
- Ability to make decisions through the development of alternative directions, taking into account resources,

constraints and organizational values;

- Ability to link knowledge from different areas gained through education and their application; Ability to resolve organizational problems by implementing specialized methods and procedures;
- Self-application of acquired knowledge and solving practical problems
- Ability to solve problems using specialized methods and procedures
- Ability to take the initiative to achieve goals and actively participate in the process; Ability to make complex decisions, delegating responsibilities, carrying out tasks and effectively harnessing the potential of employees; Ability to apply written and oral communication through clear presentation or communication tailored to the needs; Self-application of acquired knowledge and solving practical problems
- Ability to make complex decisions, delegating responsibilities, carrying out tasks and effectively harnessing the potential of employees; Ability to take the initiative to achieve goals and actively participate in the process; Ability to make complex decisions, delegating responsibilities, carrying out tasks and effectively harnessing the potential of employees; Self-application of acquired knowledge and solving practical problems; Learned to respect the principles of ethical implications of business decision-making and actions
- Ability to apply methods, procedures and processes of research and analysis; Capable of conducting problem analysis and synthesis, predicts and proposes solutions;
- Able to link knowledge from different areas gained through education and their application
- Ability to keep track of and apply the latest methods pertaining to the subjects; Able to use the latest ICT and software support;
- Able to work within a team and communicating with different cultures and professions.
- Ability to plan, organize, manage and inspect business processes, ventures, functions and organizations;.
- Application of specific engineering and management methods for modeling, design, implementation, measurement, and improvement of business and work processes, layout, work methods and job evaluation systems in organizational systems.