

Description of learning outcomes in relation to the first-level characteristics of learning outcomes for qualification at levels 6 of the Polish Qualifications Framework enabling the acquisition of engineering competences.

Name of the field of study: FOOD TECHNOLOGY AND HUMAN NUTRITION

Level of studies: first-cycle studies

Study profile: general academic

Learning outcomes symbols for the field of study	Learning outcomes for obtaining engineering competencies	Reference to the characteristics of the second level of learning outcomes for qualifications leading to engineering competences
KNOWLEDGE a graduate knows and understands:		
InzTZ1A_W01	the construction, operation and principles of use of technological apparatus in the food industry, basic phenomena and processes related to the operation of apparatus (technical systems)	P6S_WG P7S_WG
InzTZ1A_W02	the methods of solving basic engineering tasks in the field of food technology design	P6S_WG P7S_WG
InzTZ1A_W03	the basics of management, including quality management in the sphere of food production and nutrition, and the principles of running a business	P6S_WK 67S_WK
InzTZ1A_W04	the social, economic, legal and other non-technical conditions, dependencies and effects of engineering activity	P6S_WG P7S_WG
SKILLS a graduate is able to:		
InzTZ1A_U01	select and apply appropriate methods for solving simple engineering tasks of a practical nature in the field of food production and nutrition	P6S_UW P7S_UW
InzTZ1A_U02	identify, formulate and solve simple engineering tasks in the field of food technology and nutrition	P6S_UW P7S_UW
InzTZ1A_U03	plan, practically carry out tests and measurements of technological equipment and processes, select methods and means, as well as interpret results and draw conclusions	P6S_UW P7S_UW
InzTZ1A_U04	use information technologies to obtain technical information, select, analyse, process, store, manage and transfer it to other people, including calculations and visualization	P6S_UW P7S_UW
InzTZ1A_U05	carry out a preliminary economic analysis of the proposed solution to an engineering task	P6S_UW P7S_UW
InzTZ1A_U06	conduct a substantive assessment of the operation of technical facilities and systems in terms of their effectiveness (effectiveness) in the implementation of tasks and goals	P6S_UW P7S_UW
InzTZ1A_U07	use standards, norms and other sources of technical information, technical documentation of facilities when	P6S_UW P7S_UW

	formulating and solving engineering tasks, while recognizing system and non-technical aspects	P6S_UK P7S_UK
InzTZ1A_U08	prepare design documentation according to the specification for a simple device, product, system or process, using adequate methods and means	P6S_UW P7S_UW P6S_UK P7S_UK