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LEARNING OUTCOMES
of the university graduate study programme
Process Engineering

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LEARNING OUTCOMES AT THE LEVEL OF STUDY PROGRAMME

Category	Learning outcomes
Knowledge and comprehension	<ul style="list-style-type: none"> - comprehend basic phenomena and issues in chemical, food and related industries - show high level of professional knowledge and its implementation in process industry
Application (analysis, synthesis and evaluation)	<ul style="list-style-type: none"> - apply gained knowledge and skills in planning, designing, supervising and management of production processes including the aspects of safety, environment protection and production cost - apply gained knowledge and skills in identification and analysis of problems and recommend one or few acceptable solutions - apply gained knowledge from the field of designing, modelling and simulation for improvement of the existing and introduction of new technologies - plan, manage and implement professional, development and scientific projects - apply gained knowledge in market surveys with the aim of improvements of present of new products development
Communication and presentation skills	<ul style="list-style-type: none"> - apply gained knowledge in a decision making process on a managerial position - successfully communicate with peers from the same profession - successfully communicate with work colleagues - successfully communicate with users in oral and in written - successfully present professional topics to general public
Learning skills	<ul style="list-style-type: none"> - critically follow new professional and scientific publications - apply gained knowledge and skills in future professional and scientific education - accept the responsibility for the decisions - accept the requests from other professions and participate in interdisciplinary activities