

Josip Juraj Strossmayer University of Osijek
Faculty of Food Technology Osijek



LEARNING OUTCOMES
of the graduate university 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