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**LEARNING OUTCOMES**  
**of the graduate university programme**  
**Food Engineering**

**Osijek, March 2015.**

## LEARNING OUTCOMES AT THE LEVEL OF STUDY PROGRAMME

Category	Learning outcomes
Knowledge and comprehension	<ul style="list-style-type: none"> <li>- list and describe basic foodstuffs needed for the food processing in a production of various food products</li> <li>- list and explain various processing technologies in food production</li> <li>- list and explain basic processes of quality assurance in a production of various food products</li> <li>- identify and explain steps in new food product development</li> <li>- comprehend basic phenomena and issues in food industry</li> <li>- show high level of professional knowledge and its implementation in food industry</li> </ul>
Application (analysis, synthesis and evaluation)	<ul style="list-style-type: none"> <li>- apply gained knowledge and skills in planning, designing, supervising and management of food production processes from the aspect of safety environment protection and production cost</li> <li>- apply gained knowledge and skills in identification and analysis of problems and recommend one or more acceptable solutions</li> <li>- apply gained knowledge in market surveys with the aim of improvement of present of new products development</li> <li>- originate possible new food product having in mind its market success</li> <li>- plan, manage and implement professional, development and scientific projects</li> <li>- apply gained knowledge in quality assurance of food products</li> <li>- apply gained knowledge in industrial plant design</li> </ul>
Communication and presentation skills	<ul style="list-style-type: none"> <li>- apply gained knowledge in a decision making process on a managerial position</li> <li>- successfully communicate with peers from the same profession</li> <li>- successfully communicate with work colleagues</li> <li>- successfully communicate with users in oral and in written</li> <li>- successfully present professional topics to general public</li> </ul>
Learning skills	<ul style="list-style-type: none"> <li>- critically follow new professional and scientific publications</li> <li>- apply gained knowledge and skills in future professional and scientific education</li> <li>- accept the responsibility for the decisions</li> <li>- accept the requests from other professions and participate in interdisciplinary activities</li> </ul>