

<b>Title of Course</b>	<b>Process Technologies of Chemical and Foodstuff Industries</b>		
<b>Semester</b>	<b>Autumn/Spring</b>		
<b>Teaching Hours per Course:</b>	<b>Total</b>	<b>- Lectures:</b>	<b>- Tutorials:</b>
	15	15	-
<b>ECTS Credits</b>	<b>1</b>		
<b>The content of education</b>			
<b>Aims of Course</b>	The aim of this course is to provide students with knowledge about the basic technologies of the chemical and food industry and the requirements specific to these technologies for industrial equipment.		
<b>Program</b>	1 The importance of the chemical industry in the world and in Poland; safety and environmental protection issues in the chemical industry. 2. Processes of coal and oil processing. 3. Processes of natural gas processing; production of plastics and artificial fibres. 4. Production of inorganic acids and fertilizers. 5. Industrial use of waste and by-products from chemical production 6. Importance of food industry in the world and in Poland; issues of quality and safety of food products. 7. Environmental protection issues in the food industry; processing of plant raw materials. 8. Technologies of the sugar, potato, oil, milling and baking industries. 9. Technologies of industries using fermentation processes; processing of zoonotic raw materials - technologies of meat, fish and poultry industries. 10. Milk processing; industrial use of waste and by-products from food production.		
<b>Conditions of completion</b>	Credit on the basis of the paper developed on the topic agreed with the lecturer.		
<b>Teacher</b>	Krzysztof Urbaniec, Prof.		