

Course title: Organic synthesis						
	Specialty	Semester	Number of ECTS	Number of hours in the class	Form	
	Foreign students	summer	3	45	Lab – 45 h	
Name of lecturer: dr Dariusz Sobolewski						
Objective of the course (expected learning outcomes and competences to be acquired)						
<ul style="list-style-type: none"> familiarizing students with all issues listed in the seminar program content, 						
Prerequisites:						
none						
Teaching methods:						
<ul style="list-style-type: none"> laboratory experiments 						
Course contents						
Synthesis of organic compounds of various chemical nature; Techniques for isolation and purification of the preparations obtained, e.g. using column chromatography; Analysis of purity using chromatographic techniques such as thin layer chromatography and high performance liquid chromatography; Nuclear magnetic resonance spectra analysis (for selected preparations)						
Recommended reading:						
Gawroński J., Gawrońska K., Kacprzak K., Kwit M., Współczesna synteza organiczna, Wydawnictwo Naukowe PWN, Warszawa 2004;						
Vogel A.I., Preparatyka organiczna, Wydawnictwo Naukowo-Techniczne, Warszawa 1984.						
Assessment methods:						
<ul style="list-style-type: none"> Lab report 						
Language of instruction: English						
Contact:						