

Level: Specialist academic studies of chemistry				
Course title: Chemistry of estrogenic and anti-estrogenic compounds				
Status: elective				
ECTS: 15				
Requirements: none				
Learning objectives Obtaining knowledge about the possibilities of chemical transformations of natural estrogen hormones in order to obtain compounds with altered original activity.				
Learning outcomes Application of knowledge about the possibilities of chemical transformations of natural estrogen in order to obtain compounds with altered original activity.				
Syllabus <i>Theoretical instruction</i> The role of estrogen hormones (female sex hormone) in the body of women. Anti-estrogens - mechanism of action. Chemical transformations of natural estrogen in order to obtain anti-estrogens. Non-steroidal estrogens and anti-estrogens. <i>Practical instruction</i>				
Weekly teaching load				Other:
Lectures: 5	Exercises:	Other forms of teaching:	Student research: 5	