Title **(Chemia organiczna)**	Code **1010701231010720403**
Field **Chemical Technology**	Year / Semester **2 / 3**
Specialty **-**	Course **core**
Hours Lectures: **2** Classes: **2** Laboratory: **-** Projects / seminars: **-**	Number of credits **6**
	Language **polish**

Lecturer:

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Status of the course in the study program:

Organic Chemistry

Assumptions and objectives of the course:

Students will obtain the knowledge of IUPAC nomenclature of organic compounds, main concepts of orbital and resonance theories, characteristic reactions and their mechanisms of the main group of organic compounds.

Contents of the course (course description):

Concepts of bonding, hybridization, orbital and resonance theories, stereochemistry and IUPAC nomenclature are the first part of lecture and seminar schedule. The type of organic reactions with mechanisms, the transition states and by-products follow after the stereochemical structures background is given then. Introduction of characteristic reactions with discuss of type of reaction for the following group: olefins, acetylenes, arenes.

Introductory courses and the required pre-knowledge:

A knowledge of an organic chemistry on the level of secondary school.

Courses form and teaching methods:

During the seminar students have to obtain the basic knowledge of the nomenclature of organic compounds, the ability in writing of organic syntheses and skills of understanding of chemical reactivity of simple compounds.

Form and terms of complete the course - requirements and assessment methods:

Lecture: the written and oral examination of general problems of organic chemistry. Seminar: writing summary tests and the current topic control (very short writing problems).

Basic Bibliography:

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Additional Bibliography:

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