

86S1-ENGINCH

ENGLISH IN CHEMISTRY

ECTS: 3.0

HOURS PER SEMESTER/WEEK: LECTURES: -/-; CLASSES: 45/3

FIELD OF THE STUDY: Chemistry

Level of study: First-cycle (Bachelor's degree) program

Course status: obligatory *

Year of the study: III

COURSE CONTENTS

LECTURES: -

CLASSES: The nomenclature of periodic table elements and inorganic as well as organic compounds. The use of chemical English terminology used in inorganic, organic, and analytical chemistry. The naming of fundamental laboratory equipment and glassware used in laboratory.

EDUCATIONAL PURPOSE: To provide knowledge on the English nomenclature and terminology used in chemistry. Developing the ability to naming correctly of chemical compounds, analytical procedures, laboratory equipment, and glassware. Developing the ability to read exercise description in English correctly.

LEARNING OUTCOMES

Knowledge. The student knows the nomenclature of chemical elements and chemical compounds. He knows chemical English terminology of laboratory techniques and glassware used in the laboratory.

Skills. The student uses English terminology in chemistry correctly. He is able to translate the text in the field of chemistry into English - Polish languages.

Social competences. The student evaluates objectively the contribution of one's own work and that of others in the joint research and report preparation. He is aware of the continuous improvement of his knowledge.

TEACHING FORMS AND METHODS

Lectures. -

Classes. Discussion, Case study, and Work in groups.

FORM AND CONDITIONS FOR VERIFICATION OF LEARNING OUTCOMES

Lectures. -

Classes. written test - credit with grade.

BASIC LITERATURE

1) Elsair R. 2016. Fundamentals of Chemistry, Romain Elsair & Ventus Publishing ApS

ADDITIONAL LITERATURE

1) Zumdahl S.S., Zumdahl S.A. 2014. Chemistry. 9th ed. Wyd. Cengage Learning.

THE TEACHER/TEACHERS CONDUCTING THE CLASSES:

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