# COURSE DESCRIPTION CARD - SYLLABUS

Course name

Diploma Seminar

## Course

Field of study

Chemical Technology

Year/Semester

II/3

Area of study (specialization)

Composites and Nanomaterials

Profile of study

general academic

Level of study

Second-cycle studies

Course offered in

English

Form of study

full-time

Requirements

compulsory

## Number of hours

Lecture

Laboratory classes

Other (e.g. online)

Tutorials

0

Projects/seminars

30

## Number of credit points

3

## Lecturers

Responsible for the course/lecturer:

Elżbieta Frąckowiak, BSc, PhD, DSc, Prof Tit

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Tel. 61 665 3632; room 14A

Faculty of Chemical Technology

Institute of Chemistry and Technical Electrochemistry

ul. Berdychowo 4, 60-965 Poznań

Responsible for the course/lecturer:

## Prerequisites

Basic knowledge of general chemistry and specialty subjects.

Student should be acquianted with a topic of master thesis , indispensable literature and experimental technics. Student should be able to obtain information from indicated sources.

## Course objective

Gaining skills to present results of investigation, critical estimation of results and planning further studies. Preparation of student to write a manuscript of master thesis. Interactive estimation of

diploma according to programme requirements and actual literature. Preparation of student for dissertation presentation during diploma exam. Giving information about copyright and plagiarism exclusion.

## Course-related learning outcomes

Knowledge

K_W11 - has well-grounded and improved knowledge of selected speciality

K_W14 - has knowledge of selected aspects of modern chemical knowledge

Skills

K_U1 - has the ability to obtain and critically evaluate information from the literature, databases and other sources, and formulate opinions on this basis

K-U3 - is able to communicate in English for professional contacts

K_U6 - has the ability of professional presentation of the results in the form of report, dissertation or speech

Social competences

K_K1 - is aware of the need for lifelong learning and professional development

K_K2 - is aware of the limitations of science and technology related to chemical technology, including environmental protection

K_K6- is able to think and act creatively

## Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Computer/oral presentation evaluated on the basis of a points system (0-100 points)

| | |
|---|---|
| 3 | 50.1 -70.0 points |
| 4 | 70.1 -90.0 points |
| 5 | 90.1 -100 points |

## Programme content

1. Giving information to students on a uniform anti-plagiarism system (JSA).

2. The general rules of writing master thesis.

3. The rules of using literature, patents, citations.

4. Information about copyright.

5. Presentations and scientific discussions on the results of investigations obtained by the students.

6. Remarks concerning the most often errors done during writing master thesis.

## Teaching methods

Multimedia presentation on a uniform anti-plagiarism system (JSA).

Scientific discussions within the seminar group with an active participation of all students.

## Bibliography

Basic

Books and original scientific publications on the realized investigations.

Additional

Patents

## Breakdown of average student's workload

| | Hours | ECTS |
|---|---|---|
| Total workload | 60 | 3,0 |
| Classes requiring direct contact with the teacher | 35 | 1,7 |
| Student's own work (literature studies, preparation for exam) [1] | 25 | 1,3 |

[1] delete or add other activities as appropriate