



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Diploma Seminar

---

### Course

Field of study

Pharmaceutical Engineering

Area of study (specialization)

-

Level of study

First-cycle studies

Form of study

full-time

Year/Semester

4/7

Profile of study

general academic

Course offered in

polish

Requirements

compulsory

---

### Number of hours

Lecture

0

Tutorials

0

Laboratory classes

0

Projects/seminars

15

Other (e.g. online)

0

---

### Number of credit points

2

---

### Lecturers

Responsible for the course/lecturer:

dr hab. inż. Grzegorz Musielak, prof. PP

e-mail: grzegorz.musielak@put.poznan.pl

tel. 61 665 3698

Wydział Technologii Chemicznej

ul. Berdychowo 4, 61-131 Poznań

---

### Prerequisites



The student has basic knowledge of the first degree of studies in the field of pharmaceutical engineering.

The student has the basic ability to use professional literature.

The student has the basic ability to prepare a presentation.

The student understands the need for further training and raising their professional and personal competences.

### Course objective

Introduction to writing a thesis, monitoring the implementation of the thesis and preparation for the diploma exam. Developing soft skills: presentation preparation skills, oral presentation skills and discussion skills.

### Course-related learning outcomes

#### Knowledge

Knowledge consistent with the topic of the thesis [K\_W1]

#### Skills

1. General ability to write a thesis [K\_U01, K\_U05]
2. Ability to prepare a presentation [K\_U06]
3. Ability to give an oral presentation [KU\_06]
4. Ability to participate in the discussion [KU\_04]

#### Social competences

1. The student understands the need for self-education and raising their professional competences. - [K\_K01]
2. The student is aware of the importance of the effects of engineering activities and of informing the public about these effects [K\_K02, K\_K03, K\_K07]
3. The student is aware of compliance with ethics in a broad sense. [K\_K03]

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

assessment of preparing a presentation, giving a presentation and participating in a discussion.

### Programme content

1. Thesis layout.
2. Ways to search and cite literature.
3. Study regulations regarding diploma theses and diploma exams.



## Teaching methods

seminars

## Bibliography

Basic

Indicated by the thesis supervisor

Additional

Indicated by the thesis supervisor

## Breakdown of average student's workload

	Hours	ECTS
Total workload	45	2,0
Classes requiring direct contact with the teacher	25	1,1
Student's own work (literature studies, preparation of a presentation on the future thesis) <sup>1</sup>	20	0,9

<sup>1</sup> delete or add other activities as appropriate