# COURSE DESCRIPTION CARD - SYLLABUS

Course name
Diploma seminar

## Course

Field of study
Environmental Protection Technologies
Year/Semester
IV/7
Area of study (specialization)
-
Profile of study
general academic
Level of study
First-cycle studies
Course offered in
Polish
Form of study
full-time
Requirements
compulsory

## Number of hours

Lecture
0
Laboratory classes
0
Other (e.g. online)
0
Tutorials
0
Projects/seminars
15

## Number of credit points

2

## Lecturers

Responsible for the course/lecturer:
prof. dr hab. inż. Adam Voelkel

Responsible for the course/lecturer:

## Prerequisites

ordered knowledge from the I degree of studies in the field of technology of environmental protection; basic ability of use the scientific literature; ability of technical preparation of the scientific presentation

## Course objective

Monitoring the process of preparation of diploma work. Discussion on the problems appearing during the preparation of diploma work.

## Course-related learning outcomes

Knowledge

1. has the knowledge on the techniques, methods and background of chemistry and chemical technology

2. can describe methods, techniques, tools and materials used for the solution of simple problems connected with identification of substances during solving the problems connected with the field of study]

Skills

1. Student can select the proper spectroscopic technique tsolve the given problem

2. has basic skills for maintenance of basic tools (methods) for solving the problem in the field chemical technology and chemical analysis

3. Student can use specialist English.

Social competences

1. Student understands the need to supplement her/his education and increasing professional competences.

2. Student has the awareness to obey the engineer ethic rules.

3. Student can act and cooperate in the group accepting different roles.

## Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Two presentations concerning the background of the diploma work and the results collected.

## Programme content

1. Possibilities of searching information in scientific bases, the way of the use of these data and presentation in the work.

2. Arrangement of the diploma work – most of ten formal and content-related errors..

3. Assessment of the presentation of the results and the way of the knowledge transfer

## Teaching methods

seminar

## Bibliography

Basic

1. Indicated by the diploma work advisor.

Additional

as above

## Breakdown of average student's workload

| | Hours | ECTS |
|---|---|---|
| Total workload | 50 | 2 |
| Classes requiring direct contact with the teacher | 35 | 1,4 |
| Student's own work (literature studies, project preparation) [1] | 15 | 0,6 |

[1] delete or add other activities as appropriate