



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Diploma Seminar

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### Course

Field of study

Engineering Management

Area of study (specialization)

Managing Enterprise of the Future

Level of study

Second-cycle studies

Form of study

full-time

Year/Semester

2/3

Profile of study

general academic

Course offered in

English

Requirements

compulsory

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### Number of hours

Lecture

Laboratory classes

Other (e.g. online)

Tutorials

Projects/seminars

15

### Number of credit points

1

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### Lecturers

Responsible for the course/lecturer:

Prof. Stefan Trzcieliński, Ph.D., D.Sc., Eng.

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Faculty of Engineering Management

ul. J. Rychlewskiego 2, 60-965 Poznań

Responsible for the course/lecturer:

Ph.D., D.Sc., Hanna Włodarkiewicz-Klimek,  
University Professor

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klimek@put.poznan.pl

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### Prerequisites



The student has a first degree diploma; possesses knowledge, skills and social competences necessary to register for the third semester of Master program.

### Course objective

Demonstration by the student of: possessing knowledge, skills and social competences necessary to obtain a master degree; mastering the basics of scientific research; skills to solve a useful business or social problem requiring research.

### Course-related learning outcomes

#### Knowledge

Knowledge about: scientific research methodology [P7S\_WG\_03], [P7S\_WG\_07]; methods of conducting scientific research adequate to the problem being solved [P7S\_WG\_03]; structures of the master's dissertation [P7S\_WG\_03] .

#### Skills

Skills in: editing scientific dissertation [ P7S\_UW\_03], [P7S\_UK\_01], [P7S\_UK\_02]; selection of a research approach [ P7S\_UW\_03], [P7S\_UK\_01], [P7S\_UK\_02]; selection of research methods adequate to the problem being solved [P7S\_UW\_07].

#### Social competences

Social competences in: supplementing knowledge from external sources and acquiring and sharing it with seminar participants [P7S\_KK\_01]; organizing own work in the context of the goals set for the team [P7S\_KK\_02]; reliable conducting and publishing of scientific research results [P7S\_KR\_01].

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Ongoing assessment of the progress of the MA dissertation; final evaluation of the master's dissertation; assessment of verbal and visual presentation and fragments of master dissertation.

### Programme content

1. Formal and editorial aspects of preparing the MA dissertation.
2. General research problem of the seminar and correction of theses of MA dissertations.
3. Individual research problems and research method in the master dissertation of each seminar participant.
4. Presentation of literature research results and contingency constraints for solving the research problem (up to 5 presentations); discussion.
5. Presentation of literature research results and contingency constraints for solving the research problem (up to 5 presentations); discussion.
6. Presentation of empirical research results and their comparison with the solution of the research problem used in the organization / enterprise before the investigation (up to 5 presentations); discussion.



7. Presentation of empirical research results and their comparison with the solution of the research problem used in the organization / enterprise before the investigation (up to 5 presentations); discussion.

8. Schedule of further work on the master dissertation; formulation of the topic of the scientific article.

### Teaching methods

Seminar; panel discussion

### Bibliography

Basic

Czakon W. (2020, Red.) Podstawy Metodologii Badań w Naukach o Zarządzaniu. Wydawnictwo Nieoczywiste.

Włodarkiewicz-Klimek H., Mazur A. (2019). Regulamin realizacji prac dyplomowych oraz przebiegu egzaminu dyplomowego dla kierunków studiów realizowanych na Wydziale Inżynierii Zarządzania Politechniki Poznańskiej.

<https://www.fem.put.poznan.pl/strona/sites/default/files/Regulamin%20Prac%20Dyplomowych%20wyd%207%20z%20dnia%2001.10.2019.pdf>

Włodarkiewicz-Klimek H., Mazur A. (2019). Regulations for diploma theses and diploma exam process for fields of study at the Faculty of Management Engineering at Poznan University of Technology.

[https://www.fem.put.poznan.pl/strona/sites/default/files/regulaminy/Regulations\\_for\\_diploma\\_theses\\_and\\_diploma\\_exam\\_process\\_2019\\_new.pdf](https://www.fem.put.poznan.pl/strona/sites/default/files/regulaminy/Regulations_for_diploma_theses_and_diploma_exam_process_2019_new.pdf)

Kothari C.R. (2004). Research Methodology. Methods and Techniques. New Age International (P) Ltd., Publishers. <https://www.modares.ac.ir/uploads/Agr.Oth.Lib.17.pdf>

Additional

Perechuda K. (2021). Holistyczna Metodologia Nauk. Ontologia i epistemologia badań naukowych. CeDeWu, Warszawa

Krajewski (2010). O metodologii nauk i zasadach pisarstwa.

[http://www.krajewskimiroslaw.pl/\\_media/docs/4i.%20METODOLOGIA%20NAUK.pdf](http://www.krajewskimiroslaw.pl/_media/docs/4i.%20METODOLOGIA%20NAUK.pdf)



### Breakdown of average student's workload

	Hours	ECTS
Total workload	30	1,0
Classes requiring direct contact with the teacher	15	0,5
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests, project preparation) <sup>1</sup>	15	0,5

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