

# Master thesis seminar I - course description

General information	
Course name	Master thesis seminar I
Course ID	06.9-WM-ZiIP-ZL-ANG-D-20_20
Faculty	<a href="#">Faculty of Mechanical Engineering</a>
Field of study	Management and Production Engineering
Education profile	academic
Level of studies	Second-cycle studies leading to MSc degree
Beginning semester	winter term 2023/2024

Course information	
Semester	2
ECTS credits to win	4
Course type	obligatory
Teaching language	english
Author of syllabus	<ul style="list-style-type: none"><li>dr hab. inż. Roman Stryjski, prof. UZ</li></ul>

Classes forms					
The class form	Hours per semester (full-time)	Hours per week (full-time)	Hours per semester (part-time)	Hours per week (part-time)	Form of assignment
Seminar	60	4	-	-	Credit with grade

## Aim of the course

The aim of the seminar is to gain the ability to solve problems and to acquire, verify and process information from the literature and other sources (Internet, data banks, patent information) regarding the subject of the diploma thesis.

## Prerequisites

Problem seminar

## Scope

As part of the course, students will participate in seminars whose task is to acquire the ability to solve selected technical and economic problems, consistent with the subject of the diploma thesis.

## Teaching methods

Seminar

## Learning outcomes and methods of theirs verification

Outcome description	Outcome symbols	Methods of verification	The class form
The student has theoretical knowledge of some sectors of Management and Production Engineering, according to the speciality chosen, such as quality control, engineering materials, structural form and the investigation of the mechanical, technological and exploitative properties of engineering material and of the final products, produced by different technologies.	<ul style="list-style-type: none"><li><a href="#">K_W07</a></li></ul>	<ul style="list-style-type: none"><li>a pass - oral, descriptive, test and other</li><li>activity during the classes</li></ul>	<ul style="list-style-type: none"><li>Seminar</li></ul>
The student is able to integrate technical knowledge with appropriate science disciplines, relevant to Management and Production Engineering	<ul style="list-style-type: none"><li><a href="#">K_U18</a></li></ul>	<ul style="list-style-type: none"><li>a discussion</li><li>a pass - oral, descriptive, test and other</li></ul>	<ul style="list-style-type: none"><li>Seminar</li></ul>
The student is able to determine the directions of further learning and pursue the process of self-education, in order to increase skills and professional competence, with the use of library resources, electronic resources and databases.	<ul style="list-style-type: none"><li><a href="#">K_U07</a></li></ul>	<ul style="list-style-type: none"><li>an ongoing monitoring during classes</li></ul>	<ul style="list-style-type: none"><li>Seminar</li></ul>
The student knows the general principles for the foundation and development of individual entrepreneurship, based on a knowledge of Management and Production in Mechanical Engineering	<ul style="list-style-type: none"><li><a href="#">K_W22</a></li></ul>	<ul style="list-style-type: none"><li>an ongoing monitoring during classes</li></ul>	<ul style="list-style-type: none"><li>Seminar</li></ul>
The student can use appropriate methods and mathematical models and computer simulations to formulate and solve issues related to the subject of the diploma thesis.	<ul style="list-style-type: none"><li><a href="#">K_U16</a></li></ul>	<ul style="list-style-type: none"><li>a pass - oral, descriptive, test and other</li></ul>	<ul style="list-style-type: none"><li>Seminar</li></ul>

Outcome description	Outcome symbols	Methods of verification	The class form
The student is able to obtain information from literature, databases and other sources and is able to integrate, interpret and critically evaluate it, as well as draw conclusions, therefrom, both formulating it and sufficiently justify opinions on it.	<ul style="list-style-type: none"> <li>• <a href="#">K_U01</a></li> </ul>	<ul style="list-style-type: none"> <li>• a pass - oral, descriptive, test and other</li> </ul>	<ul style="list-style-type: none"> <li>• Seminar</li> </ul>

## Assignment conditions

The preparation of part of the student's diploma thesis is assessed

## Recommended reading

Compliant with the topic of the diploma thesis

## Further reading

## Notes

Modified by dr inż. Tomasz Belica (last modification: 12-04-2023 23:05)

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