

# Master thesis seminar I - opis przedmiotu

| Informacje ogólne   |                                            |
|---------------------|--------------------------------------------|
| Nazwa przedmiotu    | Master thesis seminar I                    |
| Kod przedmiotu      | 06.9-WM-ZiIP-ZPU-ANG-D-20_20               |
| Wydział             | <a href="#">Wydział Mechaniczny</a>        |
| Kierunek            | Management and Production Engineering      |
| Profil              | ogólnoakademicki                           |
| Rodzaj studiów      | drugiego stopnia z tyt. magistra inżyniera |
| Semestr rozpoczęcia | semestr zimowy 2023/2024                   |

| Informacje o przedmiocie        |                                                                              |
|---------------------------------|------------------------------------------------------------------------------|
| Semestr                         | 2                                                                            |
| Liczba punktów ECTS do zdobycia | 4                                                                            |
| Typ przedmiotu                  | obowiązkowy                                                                  |
| Język nauczania                 | angielski                                                                    |
| Sylabus opracował               | <ul style="list-style-type: none"><li>prof. dr hab. Taras Nahirnyy</li></ul> |

| Formy zajęć |                                         |                                        |                                            |                                           |                     |
|-------------|-----------------------------------------|----------------------------------------|--------------------------------------------|-------------------------------------------|---------------------|
| Forma zajęć | Liczba godzin w semestrze (stacjonarne) | Liczba godzin w tygodniu (stacjonarne) | Liczba godzin w semestrze (niestacjonarne) | Liczba godzin w tygodniu (niestacjonarne) | Forma zaliczenia    |
| Seminarium  | 60                                      | 4                                      | -                                          | -                                         | Zaliczenie na ocenę |

## Cel przedmiotu

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.

## Wymagania wstępne

Problem seminar

## Zakres tematyczny

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.

## Metody kształcenia

Seminar

## Efekty uczenia się i metody weryfikacji osiągania efektów uczenia się

| Opis efektu                                                                                                                                                                                                                                                                                                                                                                   | Symbole efektów                                                       | Metody weryfikacji                                                                                                            | Forma zajęć                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| 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>dyskusja</li><li>zaliczenie - ustne, opisowe, testowe i inne</li></ul>                  | <ul style="list-style-type: none"><li>Seminarium</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>bieżąca kontrola na zajęciach</li></ul>                                                 | <ul style="list-style-type: none"><li>Seminarium</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>bieżąca kontrola na zajęciach</li></ul>                                                 | <ul style="list-style-type: none"><li>Seminarium</li></ul> |
| 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>aktywność w trakcie zajęć</li><li>zaliczenie - ustne, opisowe, testowe i inne</li></ul> | <ul style="list-style-type: none"><li>Seminarium</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>zaliczenie - ustne, opisowe, testowe i inne</li></ul>                                   | <ul style="list-style-type: none"><li>Seminarium</li></ul> |

| Opis efektu                                                                                                                                                                                                                                                 | Symbol e efektów                                                      | Metody weryfikacji                                                                          | Forma zajęć                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------|
| 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>zaliczenie - ustne, opisowe, testowe i inne</li></ul> | <ul style="list-style-type: none"><li>Seminarium</li></ul> |

## Warunki zaliczenia

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

## Literatura podstawowa

Compliant with the topic of the diploma thesis

## Literatura uzupełniająca

## Uwagi

Zmodyfikowane przez dr inż. Tomasz Belica (ostatnia modyfikacja: 12-04-2023 23:05)

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