

Nazwa przedmiotu w języku prowadzenia **Research Project**

Nazwa przedmiotu w języku polskim **Research Project**

Nazwa w języku angielskim **Research Project**

Język prowadzenia zajęć Język angielski

Poziom studiów studia drugiego stopnia

Kierownik przedmiotu **Klepacz-Smółka Anna, dr inż.**

Realizatorzy przedmiotu Klepacz-Smółka Anna, dr inż.

Formy zajęć i liczba godzin w semestrze

	Wyk.	Ćw.	Lab.	Proj.	Sem.	Inne	Suma godzin w semestrze
godziny kontaktowe				25			25
e-learning							
kryteria oceny (waga)				100%		-	

Cel przedmiotu

1. The aim of the course is to allow students to gain abilities to formulate and solve engineering or scientific problem of different complexity.

Efekty kształcenia

1. Find relevant and reliable information and literature references.
2. Formulate a proper scientific or engineering problem to be solved
3. Plan and perform experiment to solve the posed problem.
4. Analyze results and draw conclusions.
5. Present and discuss results and compare them with those obtained by others.

Metody weryfikacji efektów kształcenia

The final grade given by a scientific supervisor is made up of 60% of the assessment of the project report and overall performance as well as of 40% presentation of the results and discussion.

Wymagania wstępne

Depending on the subject of the project determined by the scientific supervisor.

Treści kształcenia z podziałem na formy

Literature overview, posing a scientific or engineering problem to be solved, planning of an experimental part of the project, laboratory work, compilation of results, writing of a final report, presentation and discussion of results. All activities should be consulted with the scientific supervisor.

Literatura podstawowa

1. literature directly connected with the project specific subject

Literatura uzupełniająca

1. literature directly connected with the project specific subject

*Przeciętne obciążenie godzinowe studenta
pracą własną - ze zdefiniowaniem form
pracy własnej*

Udział w konsultacjach	5
Udział w pisemnych i/lub praktycznych formach weryfikacji	1

Uwagi

brak

Uwagi prywatne (niepublikowane)

brak

Aktualizacja

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Course title in the language of instruction **Research Project**

Course title in Polish **Research Project**

Course title in English **Research Project**

Language of instruction English

Course level second-cycle programme

Course coordinator **Klepacz-Smółka Anna, dr inż.**

Course instructors Klepacz-Smółka Anna, dr inż.

Delivery methods and course duration

	Lec.	Tut.	Lab.	Proj.	Sem.	Other	Total number of teaching hours per semester
contact hours				25			25
e-learning							
assessment criteria (weightage)				100%		-	

Course objective 1. The aim of the course is to allow students to gain abilities to formulate and solve engineering or scientific problem of different complexity.

Learning outcomes 1. Find relevant and reliable information and literature references.
2. Formulate a proper scientific or engineering problem to be solved
3. Plan and perform experiment to solve the posed problem.
4. Analyze results and draw conclusions.
5. Present and discuss results and compare them with those obtained by others.

Assessment methods The final grade given by a scientific supervisor is made up of 60% of the assessment of the project report and overall performance as well as of 40% presentation of the results and discussion.

Prerequisites Depending on the subject of the project determined by the scientific supervisor.

Course content with delivery methods Literature overview, posing a scientific or engineering problem to be solved, planning of an experimental part of the project, laboratory work, compilation of results, writing of a final report, presentation and discussion of results. All activities should be consulted with the scientific supervisor.

Basic reference materials 1. literature directly connected with the project specific subject

Other reference materials 1. literature directly connected with the project specific subject

Average student workload outside classroom

Participation in consultations	5
Participation in written and/or practical forms of assesment	1

Comments

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Unpublished comments

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Last update

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