SYLLABUS

Name: ***Master thesis (BioAIS-BF>SMs3MTgp20)***
Name in Polish:
Name in English: ***Master thesis***

Information on course:

Course offered by department: Faculty of Energy and Environmental Engineering
Course for department: Silesian University of Technology
Term: Summer semester 2022/2023
Cordinator of course edition: Prof. dr hab. inż. Joanna Surmacz-Górska

Default type of course examination report:

ZAL

Language:

English

Short description:

The diploma thesis, it is an individual student work. The student chooses the topic of his/her diploma thesis from the list of proposals. Assumptions and purposes of the work are discussed with the supervisor, and then a research is carried out under the supervision of the supervisor or a person indicated by him/her. The diploma thesis, if it is experimental, is performed in one of the laboratories. The progress of the diploma thesis is monitored during consultations with the supervisor. After collecting the expected results, the student prepares a diploma thesis, that is placed in the system. The thesis is substantively assessed by the supervisor and the reviewer. After meeting the formal requirements there is a master's exam.

Description:

Each student carries out an individual topic of the diploma thesis. The subject is selected from the list prepared in the departments of the Faculty. The list of topics includes the title of the thesis, a short description and the name of the supervisor. After selecting the topic, the student discuss with the supervisor the goal and the scope of the thesis. The work is carried out in the supervisor's research laboratory under his/her direct supervision or indicated person. The supervisor provides access to the necessary research equipment. The supervisor monitors the progress of work on an ongoing basis
of the student's research. The student is preparing a diploma thesis, which is
assessed by the supervisor and the reviewer. The work is checked in the anti-plagiarism system. The ratings received are used when calculating the grade for the diploma exam.
The student takes the diploma examination in front of an appropriate committee appointed at the Faculty.

Bibliography:

Literature depends on the topic of the diploma thesis. Literature is collected by the student and consulted with the supervisor.

Learning outcomes:

Knowledge - the student has extended knowledge:
in the field of technical and other sciences to the extent necessary to understand issues related to biotechnology, in particular biotechnology used in the production of biofuels.
He/She has general knowledge about current directions of development and the latest discoveries in the production and use of biofuels.
He/she:
- knows and understands the concepts and principles of industrial property protection and copyright as well as the need to manage resources
intellectual property;
-is able to use patent information resources,
- presents the results of research in the form of an independently prepared master's thesis containing a description and justification of the purpose of the work, accepted methodology, results and their relevance to other similar studies; K2A_W20

Assessment methods and assessment criteria:

Ratings issued by the superviso and the reviewer. Master's diploma exam.

Information on course edition:

Default type of course examination report:

ZAL

Bibliography:

missing bibliography in English

Details of classes and study groups

thesis

Study groups details

Group number 1

Class instructors:

Prof. dr hab. inż. Joanna Surmacz-Górska

Element of course groups in various terms:

Course group description	First term	Last term
missing group description in English (BioAIS-BF>3(2))	2020/2021-L	

Course credits in various terms:

<without a specific program>

Type of credits	Number	First term	Last term
European Credit Transfer System (ECTS)	20	2020/2021-L	

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Signature