

(SYLABUS)

Name of the department / clinic providing the course:

Director of the Doctoral School of Molecular Medicine / Head of the Department of Biochemistry at the Medical University of Łódź

Course title: Szkoła Doktorska Medycyny Molekularnej

Course profile:

Speciality: Doctoral School

Level of course unit: Doctoral School of Molecular Medicine

Course unit title: Doctoral seminar - public debriefing session

Course unit code: 10012780/13/10000020/10000020/10000023/2/2024

Course aims:

The aim of the Public Review Session course for PhD candidates at the Doctoral School of Molecular Medicine is to develop skills in presenting scientific research findings and critically analyzing them within an academic environment.

This session enables PhD candidates to:

1. Enhance Scientific Skills - by preparing and presenting progress reports on their doctoral research.
2. Develop Communication Competencies - in effectively conveying complex scientific content through oral presentations and responding to audience questions.
3. Receive Constructive Feedback - through interactions with the audience, including supervisors, reviewers, and other participants, helping identify strengths and areas for improvement in the research project.
4. Engage with the Scientific Community - by networking with other researchers and participating in interdisciplinary knowledge exchange.
5. Promote Open Science - by presenting research findings transparently and in alignment with international academic standards.

This session is a key component of PhD candidates' scientific career development, preparing them for active participation in academic life, as well as international conferences and symposiums.

Form of study: Stacjonarne

Year of study: 1

Types of educational activities and number of hours allocated:

| Subject | Language course | Self-study | Lecture | Exercises | Laboratory | Seminar | Practical | e-learning | Profession practice | Other (what?) | ECTS points |
|---------|-----------------|------------|---------|-----------|------------|---------|-----------|------------|---------------------|---------------|-------------|
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Number of ECTS credits allocated and their structure according to students' from of learning:

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Names of course unit's faculty:

Prof. dr hab. n. med. Jakub Fichna, along with the committee members appointed each year by the Director of the Doctoral School of Molecular Medicine.

Prerequisites:

PhD Candidate at the Doctoral School of Molecular Medicine

Learning activities and teaching methods:

Verbal communication, multimedia presentation, discussion.

Course unit content:

Presentation in English of the PhD candidate's research progress, with the option to use a multimedia presentation.

Course objectives:

Knowledge:

Knowledge:

1. Understanding the principles of preparing and presenting research findings in accordance with international standards.
2. Familiarity with scientific methodology and effective ways to present it during a public review session.
3. Awareness of the role of feedback in improving research skills.
4. Knowledge of scientific communication principles and the ability to adapt messaging for different audiences.

Skills:

Skills:

1. Preparing a coherent and professional presentation of research findings.

2. Clearly and effectively conveying complex scientific content in a manner appropriate for the audience.
3. Handling questions, criticism, and suggestions constructively during the discussion session.
4. Analyzing feedback and using it to improve the research project.
5. Organizing and managing presentation time while adhering to time limits.

Attitudes and transferrable (generic) competencies:

1. Building self-confidence in public speaking and academic interactions.
2. Developing collaboration and the exchange of ideas in an interdisciplinary environment.
3. Cultivating an openness to criticism and suggestions, and fostering constructive dialogue skills.
4. Developing responsibility for the integrity and ethical aspects of scientific communication.
5. Building a network of scientific contacts and collaborating with other researchers and mentors.

Through participation in public review sessions, PhD candidates become better prepared for active engagement in academic and scientific environments.

Required and recommended learning resources (readings):

Required:

Recommended:

Materials provided by the speaker during the Public Review Session presentation

Assessment methods and criteria:

The PhD seminar is completed during the Public Review Session, which takes place during the Spring Thematic School. The session involves an oral presentation in English, discussing the research hypotheses, methods, and results of the research conducted over the academic year. The PhD candidate has the opportunity to prepare a multimedia presentation, based on which they will discuss the above topics. The presentation is assessed by a committee appointed by the Director of the Doctoral School of Molecular Medicine. The assessment result is recorded in the PhD candidate's electronic index by the Director of the Doctoral School.

Rules for making up absences from classes:

Additional information:

Statement and signature of the course leader:

I hereby state that the content of the curriculum included in the syllabus below is the result of my individual work completed as part of work contract/cooperation resulting from a civil law contract, and that author rights to this title are not the property of a third party.

Dean's signature:

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