Title:	Research Project
Lecture hours: **Laboratory hours:**	The total student workload amounts to 150 hours, including experimental work (at least 20%), literature review (approximately 20%), and the preparation of the final report as well as passing the oral exam (approximately 50%). The exact proportion is to be agreed with the supervisor. Contact hours with supervisor: **45**
Study period: (summer/winter)	Summer semester
Number of credits:	6
Assessment methods:	The final grade is calculated based on three components: Project Development, Written Report and Oral Exam Component Weight Description: 1. Project Development: 20% - Evaluation of the student's autonomy, laboratory/research skills, and consistency during the 150 hours of work; 2. Written Report: 30% - Assessment of scientific quality, structure, clarity, and adherence to academic writing standards; The report is evaluated independently by at least two academic experts: The Supervisor(s): The faculty member(s) overseeing the project. The External Reviewer: An academic staff member holding a PhD or professorship, appointed by the supervisor(s). Grading of the Report: The final grade for the written report is the arithmetic mean of the grades awarded by the supervisor and the reviewer. 3. Oral Exam: 50% - Assessment of the quality of presentation, communication skills and ability to answer technical questions before an examination board composed of at least 3 academic teachers.
Language of instruction:	English
Prerequisites:	At least B2 level of English **Enrollment Procedure and Requirements:** • **Timing:** This course can only be selected after student's arrival at the university, specifically within the first month of the mobility period when changes to the Learning Agreement are permitted; • **First Step:** Students must contact the International Relations Office to receive formal instructions regarding the registration proces; • **Qualification:** Enrollment requires passing an interview conducted in English by academic teachers from the Faculty of Biological Sciences (WNB) who are willing to run the course.

Course content:	The Research Project requires students to integrate and apply the skills and knowledge acquired throughout their studies (at least 5 semesters has to be finished) by conducting an original project under the supervision of a faculty supervisor. The workload includes: Experimental/Research Work: Laboratory experiments, field data collection, or theoretical/bioinformatic analysis (where applicable); Literature Review: Exhaustive search and analysis of scientific literature; Writing: Preparation of the final written report; Oral presentation: power point presentation of the results and answers to the examination committee's questions.
Learning outcomes:	**Knowledge** Upon successful completion of the course, the student: • Demonstrates an in-depth understanding of theoretical concepts and current scientific literature related to the chosen biological research topic. • Explains the principles of research methodology, experimental design, and specific laboratory techniques used in biological sciences. **Skills** Upon successful completion of the course, the student: • Conducts a comprehensive literature review using appropriate scientific databases and formally cites sources. • Plans and safely executes experimental work in the biological laboratory under the guidance of a supervisor. • Analyzes, interprets, and critically evaluates obtained experimental data. • Writes a coherent and properly structured scientific report using appropriate academic English. • Orally presents research findings clearly and rationally defends the drawn conclusions during an exam **Social Competences** Upon successful completion of the course, the student: • Demonstrates autonomy and responsibility for their own work, managing time effectively to meet project deadlines. • Adheres strictly to the principles of scientific ethics, including research integrity and the avoidance of plagiarism. • Actively communicates and cooperates with the academic supervisor, responding constructively to feedback.
Name of lecturer:	Various faculty members, assigned based on the results of the qualifying interviews with prospective students

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Literature:	Dependent on the implemented project