



THE MODULE HANDBOOK
DOCTOR BIOLOGICAL SCIENCES STUDY PROGRAM
FACULTY OF BIOLOGY

DISSERTATION FINAL EXAM

Course code	BIDB203602
Course level	Doctoral Program (By Research)
Semester/ term	Odd/even
Course coordinator	Study Program Head
Lecture(s)	Doctoral candidate's Promoter Doctoral candidate's co-Promoter Examiners
Language	Indonesian/English
Classification within the Curriculum	Compulsory
Teaching format/ class hours per week during the semester	This course is planned to have 14 weeks of preparation and 2 weeks of examination.
Workload	10,625 hours/day 5 days/week 53,125 hours/week 16 Weeks/Semester total workload : 850 hours/34 ECTS
Credits	34 ECTS
Requirements	Passing the Dissertation Research III.
Program Learning Outcome	CPL 1.1. Upon completing this program, the graduates demonstrate an attitude of being able to contribute to improving the quality of life in society, nation and state, and the progress of civilization based on Pancasila. CPL 1.2. Upon completing this program, the graduates demonstrate an attitude of being able to demonstrate honesty, responsibility, self-confidence, emotional maturity, ethics, and awareness of being a lifelong learner; CPL 3.2. After completing this program, the graduates will be able to contribute to the development and practice of the field of biology through scientific research based on scientific principles and ethics through interdisciplinary, multidisciplinary, or transdisciplinary approaches in solving problems in the field of biology



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	CPL 3.4. After completing this program, the graduates will be able to communicate research results through reputable media and scientific publications to the academic community and/or directly to the wider community CPL 3.5. After completing this program, the graduates will be able to able to demonstrate academic leadership and increase independent learning capacity CPL 4.1. After participating in this program, graduates will be able to deepen and expand knowledge in the field of biology to produce models or methods or develop theories that are original, tested and innovative through research with an interdisciplinary, multidisciplinary or transdisciplinary approach CPL 4.2. After participating in this program, graduates will be able to propose new solutions or recommend proposed solutions to solve biological resource problems in a sustainable manner through an interdisciplinary or multidisciplinary approach to fund deduction or induction CPL 4.3. After participating in this program, graduates will be able to apply the philosophy of biological systems in developing biological concepts in the areas of food, health, bioenergy, biomaterial and/or the environment.
Course Learning Outcome	BIDB203602.1 By the end of this course, students will be able to critically evaluate the strengths and weaknesses of their research methodology, data, and findings during the defense. BIDB203602.2 By the end of this course, students will be able to assess the significance, originality, and contribution of their research to the academic field. BIDB203602.3 By the end of this course, students will be able to synthesize their dissertation into a compelling, well-structured defense presentation that highlights the research impact BIDB203602.4 By the end of this course, students will be able to articulate and justify their research decisions, methodology, and conclusions with clarity and logical reasoning. BIDB203602.5 By the end of this course, students will be able to respond effectively to critical questions and feedback, demonstrating comprehensive mastery of their subject matter.
Course Description	the final examination for doctoral students by research program, where they defend their completed dissertation before a panel of experts. This course evaluates the student's ability to present, justify,



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	and critically discuss their research findings, methodology, and contribution to the field. The assessment focuses on the originality, rigor, and significance of the dissertation, marking the culmination of the doctoral journey and the attainment of academic excellence. The dissertation appropriateness also included in this course.
Assessments	The assessment for Dissertation (Final Exam) is based on two main components, with the respective criteria and weights: A. Dissertation Quality (50%) • Content: Background, research problems, and objectives (20%). • Research Methods: Appropriateness and rigor of the research methodology (15%). • Research Structure: Organization and systematic approach of the dissertation (10%). • Language and Writing Style: Clarity, grammar, and adherence to academic standards (5%). B. Performance During the Examination (50%) • Mastery of Content: Depth of understanding and ability to explain the research (25%). • Command of Research Methods and Reasoning: Ability to justify methodologies, logical reasoning, and coherence in formulating arguments and conclusions (25%).
Study Media and Literature	• Dissertation writing guidebook • Any journals dan books related to dissertation topic