



THE MODULE HANDBOOK
DOCTOR BIOLOGICAL SCIENCES STUDY PROGRAM
FACULTY OF BIOLOGY

COMPREHENSIVE EXAMINATION

Course code	BIDB203201
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/semester for preparation and 2 weeks of examination.
Workload	3,53 hours/day 5 days/week 17,65 hours/week 16 Weeks/Semester total workload : 282,5 hours/11,3 ECTS
Credits	2 SKS/11,3 ECTS
Requirements	Passing all required courses in selected topic for dissertation
Program Learning Outcome	CPL 1.3. Upon completing this program, the graduates demonstrate an attitude of being able to internalize academic values,norms and ethics CPL 2.2. After attending this program, graduates demonstrate an understanding of substantial and leading theory in the field of biology/biological resources in order to support education for sustainable development. CPL 2.3. After attending this program, graduates demonstrate an understanding of new concepts in the fields of biology and applied biology. 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.



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	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.
Course Learning Outcome	BIDB203201.1 By the end of this course, students will be able to Break down complex theories and concepts in their field to evaluate their relevance and application to research problems. BIDB203201.2 By the end of this course, students will be able to Critically assess methodologies, frameworks, and scientific literature to determine their suitability for addressing specific research questions. BIDB203201.3 By the end of this course, students will be able to Integrate knowledge from various disciplines to develop innovative approaches or solutions to advanced problems in their field. BIDB203201.4 By the end of this course, students will be able to Utilize advanced concepts and research principles to construct arguments or solve problems presented during the examination. BIDB203201.5 By the end of this course, students will be able to Justify their research direction and conceptual understanding during oral or written components of the comprehensive examination.
Course Description	The Ujian Komprehensif/comprehensive examination is a critical assessment designed to evaluate a doctoral student's mastery of core knowledge in their field of study, as well as their readiness to proceed with dissertation research. This examination tests the student's understanding of fundamental theories, methodologies, and research frameworks related to their discipline. Success in this test demonstrates the student's ability to integrate and apply knowledge at an advanced level, marking an important milestone in their doctoral journey.



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Assessments	The assessment for Comprehensive Examination is based on two components, with the respective criteria and weights: 1. Participatory Activity (40%) 2. Project/Case Study/PBL Result (60%)
Study Media and Literature	• Any journals dan books related to dissertation topic