



UNIVERSITAS NEGERI YOGYAKARTA

FACULTY OF MATHEMATICS AND NATURAL SCIENCES
DEPARTMENT OF SCIENCE EDUCATION

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Bachelor of Education in Science

MODULE HANDBOOK

Module name:	Advance Biochemistry
Module level, if applicable:	Undergraduate
Code:	IPA 6244
Sub-heading, if applicable:	-
Classes, if applicable:	-
Semester:	5
Module coordinator:	Dr. Das Salirawati, M.Si
Lecturer:	Dr. Das Salirawati, M.Si
Language:	Bahasa Indonesia
Classification within the curriculum:	Elective course
Teaching format / class hours per week during the semester:	100 minutes lectures and 120 minutes structured activities per week.
Workload:	Total workload is 90.67 hours per semester which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes individual study per week for 16 weeks.
Credit points:	2
Prerequisites course(s):	General Biology, General Chemistry
Targeted learning outcomes:	After taking this course the students have ability to: CO1. Show independence and responsible in carrying out individual tasks and group assignments. CO2. Able to use knowledge systematically in solving problems related in Advance biochemistry CO3. Can explain the concepts of the the structure of living substances, energy transformation in living bodies, bioenergetics, energy in living systems, chain of reactions, oxidative phosphorylation mechanisms, high-

