



## UNIVERSITAS NEGERI YOGYAKARTA

### BIOLOGY EDUCATION

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<b>Bachelor of Education in Biology</b>	<b>MODULE HANDBOOK</b>
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Module name:	Biometry
Module level, if applicable:	Undergraduate
Code:	BIO 6227
Sub-heading, if applicable:	-
Classes, if applicable:	-
Semester:	2 <sup>th</sup>
Module coordinator:	Suhandoyo, MS.
Lecturer(s):	Suhandoyo, MS
Language:	Bahasa Indonesia
Classification within the curriculum:	University Course
Teaching format / class hours per week during the semester:	100 minutes lectures and 120 minutes structured activities per week.
Workload:	Total workload per semester are 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):	-
Program Learning Outcome(s)	PLO 4. Mastering basic Biology and other relevant knowledge with mathematics and natural sciences
Targeted learning outcomes:	After taking this course, the students are expected to be able to: CO1. Applying descriptive analysis techniques to process biological research data. CO2. Applying parametric and non parametric inferential statistical analysis techniques to process biological research data for the purpose of comparing two average values. CO3. Applying parametric and non parametric inferential statistical analysis techniques to process biological research data for the purpose of comparing k average values. CO4. Applying parametric and non parametric inferential statistical analysis techniques to process biological research data for the purpose of determining the pattern of relationships between dependent and the independent variables.
Content:	This course contains the application of statistics to analyze biological research data which includes the application of data analysis using descriptive statistical analysis techniques, inferential statistical analysis parametric and nonparameric.
Study / exam achievements:	Attitude assessment is carried out at each meeting by observation and/or self-assessment techniques using the assumption that basically every student has a good attitude. The student is marked

