

## UIN SUNAN KALIJAGA YOGYAKARTA

### **FACULTY OF SCIENCE AND TECHNOLOGY**

Jl. Marsda Adisucipto Yogyakarta 55281, Telp:+62274519739, Fax:+62274540971, <u>E-mail:</u> fst@uin-suka.ac.id, website: <a href="http://saintek.uin-suka.ac.id">http://saintek.uin-suka.ac.id</a>

### **Undergraduate Programme in Biology**

Telp : +62274 519739
Email : bio@uin-suka.ac.id
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**MODULE HANDBOOK** 

Module Name	Methods and Writing Scientific Papers
Module level, if applicable	Bachelor
Code, if applicable	BIO414021
Subtitle, if applicable	-
Courses, if applicable	-
Semester(s) in which the module is taught	4 <sup>th</sup> (fourth)
Person responsible for the module	Dr. Isma Kurniatanty, M.Si
Lecturer(s)	Dr. Isma Kurniatanty, M.Si
Language	Indonesia
Relation to curriculum	Compulsory course in the fourth year (4 th semester) Bachelor Degree
Type of teaching, contact hours	150 minutes lectures, 180 minutes structured activities, 180 minutes individual study, 170 minutes laboratory practical per week.
Workload	Total workload is 181,32 hours per semester, which consists of 150 minutes lectures per week for 14 weeks, 180 minutes structured activities per week, 180 minutes individual study per week, 170 minutes laboratory practical per week, in total is 16 weeks per semester, including mid exam and final exam.
Credit points	4 credits (6 ECTS)
Requirements according to the examination regulations	Minimum attendance of 75%, Participate in all laboratory practical and exam of laboratory practical.
Recommended prerequisites	No prerequisites stated on
Module objectives/intended learning outcomes	After completing this course, the students:  CO 1. Students are able to present scientific writing based on references
Content	<ol> <li>Basic concepts of the scientific method and experimental design</li> <li>Quantitative, qualitative and mixed research</li> <li>Determining the research topic</li> <li>Background, objectives, problem formulation, benefits, hypothesis</li> </ol>



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	5. Rese	earch methods a	ınd experim	ental desi	 gn			
	6. Desi	gn/Design of CR	D and RCBE	experime	ents			
	7. Elements of academic writing 8. Writing research articles							
Study and examination requirements and	The final mark will be weighted as follows:							
forms of examination	NO	Assessment m	Weight (percentage					
	1	Final Examina	30%					
	2	Mid-Term Exa	20%					
	3	Laboratory pra	30%					
	4	Class activities	20 %					
	The final assessment is expressed in the form of a letter value converted from a							
	number value with the following categories:							
	NO	Number	Letter	NO	Number Value	Letter Value		
		Value	Value					
	1	≥ 95	Α	7	65-69.99	B/C		
	2	90-94.99	A-	8	60-64.99	C+		
	3	85-89.99	A/B	9	55-59.99	С		
	4	80-84.99	B+	10	50-54.99	C-		
	5	75-79.99	В	11	55-34.99	D		
	6	70-74.99	B-	12	<35	E		
				•				
Media employed	White-	board, Lcd Proje	ector, e-lear	ning ( <u>http</u>	s://daring.uin-suk	a.ac.id/)		
Reading list	<ol> <li>Gomez, K.A. and Gomez, A.A. 1976. Statistical Procedures for Agriculturel Research with Emphasis on Rice. IRR.         Laguna. Philippines.</li> <li>Sudjana, Nana. (2010). Metode Statistik. Bandung: Tarsito</li> <li>Sugiyono. 2010. Statistika Untuk Penelitian. Bandung: Alfabeta</li> <li>Sugiyono. 2011. Metode Penelitian Kuantitatif, Kualitatif dan R&amp;D. Bandung: Alfabeta</li> <li>Tim Penyusun. 2020. Panduan penulisan Skripsi Biologi. Fakultas Sains dan Teknologi. UIN Sunan Kalijaga</li> </ol>							

#### **PLO and CO Mapping**

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11
CO 1		$\sqrt{}$				$\sqrt{}$					
CO 2		$\sqrt{}$				$\sqrt{}$					
CO 3		$\sqrt{}$				$\sqrt{}$					
CO 4						$\sqrt{}$					
CO 5						V					



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