

FORM MODULE HANDBOOK



**UNIVERSITAS NEGERI YOGYAKARTA
BIOLOGY EDUCATION**

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Bachelor of Education in Biology

MODULE HANDBOOK

Module name:	Work Safety and Health				
Module level, if applicable:	Undergraduate				
Code:	BIP 6259				
Sub-heading, if applicable:	-				
Classes, if applicable:	-				
Semester:	6 th				
Module coordinator:	Dra. Yuliati, M.Kes.				
Lecturer(s):	Dra. Yuliati, M.Kes., & dr. Tutiek Rahayu, M.Kes.				
Language:	Bahasa Indonesia				
Classification within the curriculum:	University Course				
Teaching format / class hours per week during the semester:	200 minutes lectures				
Workload:	Total workload consists of 200 minutes lecture, study per week for 16 weeks				
Credit points:	2 SKS (3ECTS)				
Prerequisites course(s):	-				
Program Learning Outcome	PLO 4. Mastering basic Biology and other relevant knowledge with mathematics and natural sciences. PLO 7. Being able to do independent laboratory work and fieldwork.				
Targeted learning outcomes:	CO1. Understand the work safety and health concept. CO2. Recognize potential hazards. CO3. Understand first aid in accidents. CO4. Able to apply work safety and health.				
Content:	This course discusses the definition and function of Occupational Safety and Health (OSH), laws governing OSH, potential hazards at work, workplace accidents, personal protective equipment, first aid in accidents, occupational diseases, and the application of OSH.				
Study / exam achievements:	The final mark will be weight as follow:				
	No	CO	Assessment Object	Assessment Technique	Weight
	1	CO1 to CO4	Observed attitudes, knowledge, and skills	Survey, test, rubrics and manuals	75%

	2	Final term			25%
	Total				100%
Forms of media:	Board, LCD Projector, Laptop/Computer.				
References:	<p>Anizar. (2009). <i>Teknik Keselamatan dan Kesehatan Kerja di Industri</i>. Yogyakarta: Graha Ilmu.</p> <p>Bos, N, etc. (1995). <i>Workplace Health and Safety Handbook (Electrical Safety), Third Edition</i>. South Brisbane: Safe Work.</p> <p>Ridley, John. (2008). <i>Health and Safety in Brief, Third Edition</i>. England: Elsevier.</p> <p>Stevens, P.J.M, Bordui, F, dkk. (2007). <i>Ilmu Keperawatan</i>. Jakarta: EGC.</p> <p>Storm, George. (1976). <i>Managing the Occupational Education Laboratory</i>. USA: Prakken Publications, Inc.</p> <p>Sucipto, Cecep Dani. (2014). <i>Keselamatan dan Kesehatan Kerja</i>. Yogyakarta: Gorsyen Publishing.</p> <p>Suma'mur. (1985). <i>Keselamatan Kerja dan Pencegahan Kecelakaan</i>. Jakarta: Gunung Agung.</p> <p>Widayana, I.G, & Wiratmaja, I.G. (2014). <i>Kesehatan dan Keselamatan Kerja</i>. Yogyakarta: Graha Ilmu.</p>				

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	PLO 12
CO 1				√			√					
CO 2				√			√					
CO 3				√			√					
CO 4				√			√					