



**UNIVERSITAS NEGERI YOGYAKARTA**  
**FACULTY OF MATHEMATICS AND SCIENCE**  
**DEPARTMENT OF BIOLOGY EDUCATION**

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**Bachelor of Science in Biology**

**MODULE HANDBOOK**

Module name:	Environmental Health
Module level, if applicable:	Undergraduate
Code:	BIC 321
Sub-heading, if applicable:	-
Classes, if applicable:	-
Semester:	Even
Module coordinator:	Dra. Yuliati, M.Kes.
Lecturer(s):	Dra. Yuliati, M.Kes. & dr. Tutiek Rahayu, M.Kes.
Language:	Bahasa Indonesia
Classification within the curriculum:	Compulsory Course
Teaching format / class hours per week during the semester:	100 minutes lectures and 120 minutes structured activities per week.
Workload:	Total workload consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes individual study per week for 16 weeks
Credit points:	2 SKS (3ECTS)
Prerequisites course(s):	-
Program Learning Outcomes (PLO)	4. Comprehensively mastering Biology (core biology) to solve problems in the field of Biology (problem-solving) and to underlie the concepts of related sciences 6. Being adaptive, creative, innovative in applying the concepts of Biology and other related fields 9. Being able to work and create jobs/being an entrepreneur in the field of Biology
Targeted learning outcomes:	CO1. Memahami dimensi kesehatan CO2. Mengidentifikasi faktor-faktorpenentu kesehatan lingkungan. CO3. Memiliki pemahaman factor-faktor penentu kesehatan lingkungan.
Content:	Konsep Sehat Air Minum Hygine dan Sanitasi Makanan Vektor Penyakit UKS P3K Sanitasi Perumahan dan Tempat Umum Pencemaran Lingkungan dan Penyakitnya
Study / exam achievements:	The final mark will be weight as follow:

No	CO	Assessment Object	Assessment Technique	Weight
1	CO1 to CO 3	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>Azrul Azwar. 1995. <i>Pengantar Ilmu Kesehatan Lingkungan</i>. Mutiara Sumber Widya, Jakarta.</p> <p>Bos Nick, et al. 1995. <i>Workplace Health and Safety Handbook</i>. 3<sup>rd</sup> Edition. Safe Work College of Workplace Health and Safety.</p> <p>Ichsan, Yuliati dan Sri Rejeki, 1994. <i>Ilmu Kesehatan dan Gizi</i>. Modul 1 - 6. Dirjen. Dikdasmen. Depdilbud., Jakarta.</p> <p>Rowland, A.J. and Cooper, P. 1983. <i>Environment and Health</i>. Edward Arnold Publisher Ltd., Sydney.</p> <p>Getchell L.H., Pippin, G.D., Varnes, J.W. 1991. <i>Health</i>. Houghton Mifflin Company, Boston.</p> <p>Miller, G.T. 2000. <i>Living in the Environment : An Introduction to Environmental Science</i>. Wordsworth Publishing Company, California</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
CO 1				√		√			√		
CO 2				√		√			√		
CO 3				√		√			√		