

COURSE LIST

No.	Faculty	Department/ Program Study	Degree	Course Title	Course Code	Credit	Contact hours (Total minutes per semester)	Term offered	Campus	Course description	Min. Number of Student
1	Public Health	Environmental Health	Undergraduate	Basic Environmental Health	PHL1601112	2		1	Depok	Learning objectives: Students are expected to be able to explain: 1) the interactive relationship between humans and the environment, in the form of exposure to various dangerous agents through the media of air, water, food, vectors, and soil, in order to prevent public health and public safety problems 2) the development of science, concepts and technology in the field of environmental health as well as environmental dynamics, hazards and health and illness conditions in the community.	5

										<p>Syllabus:</p> <ol style="list-style-type: none">1) Introduction to environmental health: history & scope2) Overview of environmental health issues3) Introduction to ecology and ecosystems; pathophysiology of environmental diseases4) Disease-causing agents in the environment5) Introduction to air pollution6) Introduction to water pollution7) Introduction to food contamination8) Introduction to vectors and animals that transmit disease9) Introduction to liquid waste and solid waste10) Environmental health for settlements & housing11) Industrial environmental health12) Environmental health of public places, tourism & transportation	
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										13) Environmental health of agricultural and livestock sectors 14) Global environmental health & climate change	
2	Public Health	Occupational Safety and Health	Master's degree	Occupational Health and Safety Principles	PHS1802114	2	1600	1	Depok	Occupational Health and Safety Principles (OHS Principles) course is a mandatory course for the study program that discusses the concepts and issues of OHS. This course is designed to make students able to understand the basic conceptual framework of OHS in the context of efforts to identify issues and problems faced by the working population and how to apply the principles, methods and approaches of OHS in efforts to prevent and improve worker health and safety. This course consists of several sub-sciences in OHS that will help students in understanding the basic principles and application of OHS comprehensively. Some of the sub-science are	5

										Occupational Health, Occupational Safety, Ergonomics and Industrial Hygiene, psycho-social aspects in the workplace as well as legislations, regulations, and standards in the field of OHS.	
3	Public Health	Occupational Safety and Health	Master's degree	Human Aspect Management in OHS	PHS1802115	2	1600	1	Depok	This course is a compulsory course of the study program that is designed to make participants able to understand the history and role of human aspects to occupational health and safety performance, basic concepts of human factors, concepts of human performance, human reliability, and human error, and apply them to measurement methods, assessment, and accident investigation, understand the concept and assessment of psychosocial factors, and be able to develop the concept of human factors into occupational health and safety programs in accordance with the	5

										conditions of the work environment.	
4	Public Health	Occupational Safety and Health	Master's degree	OHS Risk Management	PHS1802031	2	1400	3	Depok	This course discusses the theories and methods for risk management. Approaches and methods for data and information utilization in risk management application are also discussed.	5
5	Public Health	Occupational Safety and Health	Master's degree	Fire and Explosion Management	PHS1802034	2	1600	3	Depok	In this course, it is expected that students will be able to explain and analyze the problems based on phenomena, principles, Fire Dynamics and Explosion concepts when given fire and explosion problems. The analysis includes relevant regulations, fire and explosion management, fire prevention, fire protection and fire safety. In addition, students are expected to be able to analyze problems and develop programs for fire and explosion prevention, develop emergency response preparedness (ERP) programs, and provide recommendations for fire	5

										and explosion protection as needed. The learning method used is the active learning method (<i>student centered learning</i>) with Collaborative learning and Case Based Learning in addition to interactive lectures guided by facilitators/resource persons, class discussions, practical implementation, and implementation of evacuation simulations. Students participate actively in discussing each topic and completing assignments both individually and in groups. The evaluation method includes independent and group assignments, group presentation, and participation in discussions.	
6	Public Health	Occupational Safety and Health	Master's degree	Worker Health Promotion	PHS1802034	2	1600	3	Depok	This course provides provisions for understanding of worker health promotion, especially in the workplace. The content of this course includes an understanding of the basic concepts of Health Promotion in the	5

										<p>Workplace (HPW), the basic concepts of health behavior change theory as the basis for HPW, and the central role of Worker Health Promotion in Occupational Health services, risk assessment of cardiovascular health, musculoskeletal health, work stress and fatigue. other infectious and non-communicable diseases, as well as the development of control programs in the workplace through a healthy lifestyle and work pattern. The learning method used is the active learning method (student centered learning) with Collaborative Learning (CL), Question Based Discussion (QBD) and/or Project Based Learning (PBL), can be via field observations or desktop review (DR) in addition to an interactive lecture guided by a facilitator/resource person. Students participate actively in discussing each topic and completing</p>	
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									<p>assignments both individually and in groups. The evaluation method includes independent and group assignments, group presentation, written tests, and participation in discussions. Academic ethics are highly regarded during the learning process and influence the assessment process and learning success of the students. Aspects of workers' health problems vary, whether related or not related to work. Competency in developing HPW program requires case and practice training through the assignment of tasks that will be done in groups and individually.</p>	
7	Public Health	Health Administration and Policy	Undergraduate	Learning Organization and Systems Thinking	PHS1600155	3	2400	3	<p>This course explains the importance of changing the leadership model from traditional leadership to strategic leadership. Some of the changes must be done individually, for example how to view future problems (mental model)</p>	5

									<p>and the ability to continue to improve themselves (personal mastery). Group changes are also necessary, this is achieved through team learning to create a shared vision. Both the individual and group approach is within the frame of systems thinking. To establish strategic leadership and systems thinking abilities as an essential part of improving the performance in the healthcare system, a learning organization is necessary. Thus, the steps to create an organization that learns continuously is also an important topic in this course.</p> <p>This course is designed for students to learn how to act and behave when dealing with the various fundamental changes in the local, regional, national, or global scale, particularly in the health sector. Therefore, the objectives of this course</p>	
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										<p>are for the student to:</p> <ol style="list-style-type: none">1. Comprehend generative thinking, acting, and behavior when they meet various changes.2. To master the learning organization approach specifically, systems thinking, and its application in the health sector.3. Develop ideas, steps, and how to apply strategic leadership and systems thinking, and other learning programs (Mental Model, Personal Mastery, Shared Vision) for themselves and their environment/network.	
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