

Bioethics

Module name		Bioethics				
Module level		4 th year of Bachelor program				
Abbreviation, if applicable						
Sub-heading, if applicable						
Courses included in the module, if applicable		BI4001 Bioethics				
Semester/term		7 th Semester				
Module coordinator(s)		Dr. Adi Pancoro				
Lecturer(s)		Dr. Sony H. Sumarsono				
Language		Indonesian				
Classification within the Curriculum		Compulsory courses for Bachelor Program in Biology				
Teaching format/ class hours per week during the semester		<i>Lecture (Face to face lecture): 2 hours x 16 weeks</i>				
Workload	Total Workload	96 hours; 2 CU				
		Face to face teaching	Assignment/ homework	Independent study	Exam	Total
	Lecture	28	32	32	4	96
Credit points		<i>Bioethics (2 CU)</i>				
Requirements						
Content	<ul style="list-style-type: none"> The universal value of ethics, especially in science and technology comprising daily activity The treatment of an organism employing from low to high technologies and the possible impact on the organism itself or to other organism and the ecosystem Plagiarism The use of chemicals, waste and pollution, or to the organism and its product which might be hazardous or the utilization of a technology that are potentially hazardous to the next generation Genetically modified organism The utilization of a part of organism or the whole organism which might be directly or indirectly connected with human or animal right, law and human lifehood and universal environment. 					
Learning goals/ competencies	<p>After completion of this module, students are expected to be able to:</p> <p>Knowledge:</p> <ul style="list-style-type: none"> Describe and recognize universal value of bioethics; <p>Skill:</p> <ul style="list-style-type: none"> Analyse and predict the change of ethical value in the future and to organize human or animal right, law and human lifehood and universal environment. <p>Competence:</p> <ul style="list-style-type: none"> Integrate the principles and values of bioethics to the understanding of life sciences and technology 					
Study/exam achievements	<ul style="list-style-type: none"> <i>Midterm exam (25%)</i> <i>Final exam (30%)</i> <i>Discussion (10%)</i> <i>Assignment (15%)</i> <i>Attendance (5%)</i> 					
Forms of media	<i>Classical teaching tools:</i>	<i>white board/ chalk and talk, power point, tutorial, video streaming, film</i>				
	<i>Integrated teaching tools:</i>					
	<i>Digital teaching tools:</i>					
	<i>Problem based teaching tools:</i>					
Literature	<ol style="list-style-type: none"> Reich, W.T. Encyclopedia of Biotethics vol 1. Revised Ed. 1995. Simon & Schuster Macmillian, Prentice Hall International. Bernard G., Charles M. C., Danner C. 2006. Bioethics: A Systematic Approach. Nuffield Council on Bioethics. 1993. Genetic Screening. Ethical Issues. National Academy of Science. 1995. On being a Scientist. Responsible Conduct in Research. Washington D.C. National Academy Press. Beauchamp, T. and J.F. Childress. 2001. Principles Biomedical Ethics, OUP, 5th edition. 					

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| | <ol style="list-style-type: none">6. M. Jusuf Hanafiah Amri Amir. 2007. Etika kedokteran dan hukum kesehatan ed 4.7. Sastrawinata, S. B.A. Sidharta, M.R. Maengkom. 1998. Tata Laksana Komite Etik, Pedoman Etik dan Penjelasan Pedoman Etik Rumah Sakit. Rumah Sakit Santo Borromeus. |
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