Module Handbook

Module designation	**Bioethics** (course code MPB 2179)
Semester(s) in which the module is taught	3
Person responsible for the module	*Diah Wulandari Rousdy, S.Si., M.Sc. & Rikhsan Kurniatuhadi, S.Si., M.Si.*
Language	*Bahasa Indonesia*
Relation to curriculum	*Elective course*
Teaching methods	*Lecture*
Workload (incl. contact hours, self-study hours)	*(Estimated) Total workload: 170 minutes x 2 units x 16 = 5,440 minutes (90.67 hours)* *Contact hours (please specify whether lecture, exercise, laboratory session, etc.):* *Lecture: every Friday, 15:30 - 17:10*
Credit points	*2 unit*
Required and recommended prerequisites for joining the module	*General Biology (MPB 1100)*
Module objectives/intended learning outcomes	***Attitude (ILO-1)*** *Having academic integrity based on religious values and Pancasila to contribute to the progress of the nation and state.* ***Knowledge (ILO-2)*** *Mastering and being able to apply biological science and other scientific fields that support the development of biological science.* ***General Skill (ILO-3)*** *Able to work in teams and communicate actively orally and in writing in the field of biological sciences.*

Content	*Bioethics is a course that discusses human ethics in their interactions with other living things. The bioethics course discusses: the scope of bioethics, Beachamp & Childress bioethics principles, Bellmont Report & Unesco bioethics principles, bioethics principles in animal research, Bioethics in the use of stored biological materials (BBT), bioethics in biotechnology, bioethics in biodiversity and environmental conservation, bioethics in writing scientific papers, health research ethics commissions & Ethical Clearance.*
Examination forms	*Written test*
Study and examination requirements	*Re-registration and 75% attendance.*
Reading list	1. *Kusmaryanto, C.B., 2022. Bioetika Fundamental, Gramedia Pustaka Utama, Jakarta* 2. *Kusmaryanto, C.B., 2005. Bioetika, Gramedia Pustaka Utama, Jakarta* 3. *Chang, W. 2009. Bioetika Sebuah Pengantar. Penerbit Kanisius* 4. *LaFollette, M.R., O'Haire, M.E., Cloutier, S., Blankenberger, B., Gaskill, B.N. 2017. Rat tickling: A systematic review of applications, outcomes, and moderators. PLoS ONE 12(4): e0175320. https://doi.org/10.1371/journal.pone.0175320* 5. *Choi, T., Choi, T., Lee, Y., Choe, S., Kim, C. 2021. Zebrafish as an animal model for biomedical research. Experimental & Molecular Medicine 53:310–317 https://doi.org/10.1038/s12276-021-00571-5*