Module Handbook

Modul Name	Animal Physiology
Modul Level	Bachelor
Abbreviation, If applicable:	BIF 220
Sub---heading, if applicable:	-
Courses included in the module, if applicable:	-
Semester	Odd (5th Semester)
Module Coordinator	Dr. Dwi Winarni, M.Si.
Lectures	Dr. Alfiah Hayati Drs. Saikhu Akhmad husen, M.Kes. Sugiharto, S.Si., M.Si.
Language	Bahasa Indonesia
Classification within the curriculum:	Compulsory Course / ~~Elective Studies~~
Teaching format/ class hours per week during semester	450 minutes/ week
Workload per semester	150 min lecture + 150 min structural assignment + 150 min self-assignment x 13 weeks; total 5850 min = 97.5 hours 97.5/25 = 3.9 ECTS
Credit point	3
Requirements	Cell Biology
Learning goals/competencies	**General Competence (Knowledge)** Students are able to understand the relationship between the physiological mechanisms and environmental factors that influence of internal and external body system properly. **Specific Competence** 1. Understanding the coordination system (nerve) 2. Understanding the coordination system (hormone) 3. Understanding motion system 4. Understanding transportation and cardiovascular system 5. Understanding the digestive system and food absorption 6. Understanding male's reproduction system 7. Understanding female's reproduction system 8. Understanding excretion and osmoregulation
Content	Introduction; cell biophysics; systems of motion, nervous, cardiovascular, respiration, digestion, reproductive, excretion and osmoregulation.
Soft skill Attribute	Discipline and Teamwork
Study/ exam achievements	Students are considered to be competent and pass if at least get 40% of maximum. Final score (NA) is calculated as follow: Paper project (20%), mid exam (35%), final exam (35%), and soft skill (10%) Final index is defined as follow: A : 75 - 100 AB : 70 - 74.99 B : 65 - 69.99 BC : 60 - 64.99 C : 55 - 59.99

	D : 40 - 54.99 E : 0 - 39.99
Form of media	LCD
Learning Method	Lecturing, discussion, structural activities
Literature	a. Ganong, W.F. 2001. Review of Medical Physiology. 18 th. ed. Prentice Hall Inc. b. Schmidt Nielsen, Knut. 1991. Animal Physiology: Adaptation and Environment. 4th. Ed Cambridge University Press. c. Albert, Bruce. et al. 1994. Molecular Biology of The Cell. 3rd. ed. Garland Publish. Co. d. Van Tienhoven, Ari.1981. Reproductive Physiology of Vertebrates.
Note	Requirement of Immunology