

Module Handbook

Modul Name	Bacterial and Fungal Diseases
Modul Level	6 (Bachelor)
Abbreviation, if applicable	KHD 201
Sub-heading, if applicable	-
Courses included in the module, if applicable	-
Semester/term	4/2
Module coordinator(s)	Suryanie Sarudji, drh., M.Kes.
Lecturer(s)	<ol style="list-style-type: none"> 1. Didik Handijatno, drh., MS., PhD. 2. Dr. Wiwiek Tyasningsih, drh., M.Kes. 3. Sri Chusniati, drh., M.Kes. 4. Yuliana Puspitasari, drh., MV.Sc
Language	Bahasa Indonesia and English
Classification within the curriculum	Compulsory/ elective course
Teaching format/class hours per week during the semester	2 class hour lecture (2 x 170 minutes lecture) and 1 class hour practical (100 minutes practical) x 14 weeks
Workload per semester	340 minutes lecture is divided into 100 minutes face to face interaction, 100 minutes structured activities and 140 minutes independent study; 170 minutes practical is spent on laboratory/field work.
Credit points	3 (lecture 2/practical1) (~4.53 ECTS)
Requirements	Bacteriology and Mycology
Learning goals/competencies	Students are able to identify various infectious diseases, zoonoses and non-infectious diseases caused by bacteria and fungi properly.
Content	This course discusses infectious diseases that can attack animals or livestock and have a large economic loss and some are zoonotic. The subjects of this course include Anthrax, Clostridiosis, Colibacillosis, Salmonellosis, Mastitis, TB, Malleus, Brucellosis, Leptospirosis, Pasteurellosis, Ringworm, and Aspergillosis with an explanation of etiology, epizootiology, pathogenesis, clinical symptoms, ways of diagnosis and control (prevention and treatment). Explanation of this. later it can be used as a reference in handling animal diseases caused by bacteria and fungi.
Softskills attribute	Ethics, oral and written communication, cooperation, self-confidence, work ethic

Study/exam achievements	Final exams (27.3%), midterm exam (18.2%), assignment (13.6%) and quizzes 13.6%, soft skill (9%), practical (18.2%).
Forms of media	Computer, computer projector, white board, AULA (Airlangga University e-Learning Application)
Literatures	<ol style="list-style-type: none"> 1. Buku Ajar Penyakit Infeksius I. Airlangga University Press, Surabaya 2. Merchant, I.A. and R.A. Packer. 1971. Veterinary Bacteriology and Virology. 7thed. The Iowa University Press. Ames. Iowa USA. 3. Pelczar, M.J., Reid and E.C.S. Chan (Penerjemah: Hadioetomo R.S. dkk).1986. 4. Dasar – dasar Mikrobiologi I. Mc Graw Hill Book Company. 5. Prescott, L.M., Harley, J.P., Klien, D.A.2003. Microbiology. Mc Graw Hill BookCompany. 6. Quinn, P.J., Markey, B.K., Carter, M.E., Donnelly, W.J., Leonard, F.C. 2002. Veterinary Microbiology and Microbial Disease. Blackwell Science. 7. Soltys, M.A. 1979. Introduction to Veterinary Microbiology.
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