

## Module Handbook

Modul Name	Health Management of Dairy Cattle
Modul Level	6 (Bachelor)
Abbreviation, if applicable	MNS401
Sub-heading, if applicable	-
Courses included in the module, if applicable	-
Semester/term	6/3
Module coordinator(s)	Prof. Dr. Pudji Srianto, drh., M.Kes
Lecturer(s)	1. Prof. Dr. Pudji Srianto, drh., M.Kes. 2. Prof. Dr. Wurlina, M.Si., drh. 3. Prof. Dr. Sri Pantja Madyawati, drh., M.Si. 4. Dr. Trilas Sardjito, drh., M.Si.
Language	Bahasa Indonesia and English
Classification within the curriculum	<del>Compulsory</del> /elective course
Teaching format/class hours per week during the semester	2 class hour lecture (2 x 170 minutes lecture) 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
Credit points	2 (~3.02 ECTS)
Requirements	Veterinary anatomy; Physiology and technology of reproduction; Clinical diagnostic
Learning goals/competencies	Students are able to analyze the concept of physiology of dairy cows, starts from calf, cows and lactation cows, reproductive cycles, capable of carrying out and utilizing technology in dairy farming businesses, planning, carrying out and managing health in dairy cows
Content	This course discusses the history of the development of dairy cows, the anatomy and physiology of dairy cows, the pattern of feeding, raising of calves, weaning calves, heifers, cows and lactating cows, cage systems and disorders, abnormalities, prevention and diagnosis of diseases often experienced by dairy cows.
Softskills attribute	cooperation; accuracy of task submission, oral communication and self-confidence
Study/exam achievements	Final exams (33.3%), midterm exam (22.2%), assignment (16.7%) and quizzes (16.7%), soft skill (11.1%).

Forms of media	Computer, computer projector, white board, AULA (Airlangga University e-Learning Application)
Literatures	<ol style="list-style-type: none"> <li>1. Reproduksi Klinik, 2002. Japan International Cooperation Agency – Indonesia</li> <li>2. Manual on Dairy farming, 1994. Gabungan Koperasi Susu Indonesia</li> <li>3. Fisiologi dan Gangguan Reproduksi, 2001. Japan International Cooperation Agency – Indonesia.</li> <li>4. Hafez, E.S.E. 2000. Reproduction in Farm Animals. 7th Ed. Lea &amp; Febiger. New York</li> </ol>
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