Modul Handbook

Modul Name	Practical of Obstetric and Infertility
Modul Level	7 (Bachelor)
Abbreviation, if applicable	KHO 402
Sub-heading, if applicable	
Courses included in the module, if applicable	
Semester/term	7
Module coordinator(s)	Dr. Tjuk Imam Restiadi, M.Si., Drh
Lecturer(s)	Dr. Sri Mulyati, M.Kes., Drh Prof. Dr. Imam Mustofa, M.Kes., Drh Dr. Tjuk Imam Restiadi, M.Si., Drh Suzanita Utama, Ph.D., M.Phil., Drh Dr. Tita Damayanti Lestari, M.Sc., Drh Prof. Mas'ud Hariadi, Ph.D., M.Phil., Drh Prof. Dr. Wurlina, M.S., Drh Prof. Dr. Herry Agoes Hermadi, M.Si., Drh Dr. Rimayanti, M.Kes., Drh Dr. Budi Utomo, M.Si.,Drh Indah Norma Triana, M.Si., Drh Dr. Hermin Ratnani, MS, Drh.
Language	Bahasa Indonesia/ English
Classification within the curriculum	Compulsory/~~elective~~ course
Teaching format/class hours per week during the semester	2 class hour practical (2 x 170 minutes lecture) x 13 weeks
Workload per semester	340 minutes practical work is spent on 100 minutes laboratory work, 100 minutes tutorial and 140 minutes in the field.
Credit points	2 (practical) (~ 3.02 ECTS)
Requirements	Basic Veterinary Anatomy (SM.II) and Physiology and Technology of Reproduction (SM.IV)
Learning goals/competencies	Students are able to define animal obstetric cases including detection of pregnancy, induction of parturition, normal parturition and dystocya, dystocya maternal and foetalis, anastesia epidural, sectio caesaria in large animal and dog and cat, properly and correctly.
Content	The practical subject contains topics of : pregnancy detection

	and sterility examination through rectal exploration, define normal parturition and dystocya, dystocya caused by maternal and foetalis in large animal and dog and cat, handling of dystocya in cow. Simulation of handling dystocya in various position (longitudinal or transversal) of fetus.
Softskills attribute	Team work, interpersonal communication, discipline, achievement motivation, analytical thinking.
Study/exam achievements	PR1 x 7 + PR2 x 9 + PR3 x 7 + PR4 x 7 + PR5 x 7 + PR6 x 7 + PR7 x 7 + PR8 x 8 + PR9 x 8 + PR10 x 8 + PR11 x 8 + PR12 x 7 + PR13 x 10 divided by 100 PR : Practical Report
Forms of media	Computer projector, white board, AULA (Airlangga University e-Learning Application), calf puppet, os pelvic of bovine, reproductive organ of female ruminant, animal obstetric tools.
Literatures	1. Buku Ajar Ilmu Kebidanan Veteriner, 2018. Airlangga University Press. Surabaya. 2. Hardjopranjoto, S., dkk. 1995. Ilmu Kemajiran pada ternak. 2015. Buku Ajar Ilmu Kemajiran pada Ternak. Airlangga University Press. Surabaya. 3. Noakes, DE., Timothy, JP., and Gary, CW. 2001. Arthur's Veterinary Reproduction and Obstetrics. 2001. 8th Ed. Bailliere Tindall. London, England.Elsevier. 4. Hafez, ESE. and Hafez, B. 2000. Reproduction in Farm Animals. 7th Ed. Lea and Fabiger. Philadelphia, USA. 5. Frandson, RD. 1995. Anatomi dan Fisiologi Ternak. Gadjah Mada University Press. 6. Laing, JA., Morgan, WJB., and Wagner, WC. 1998. Fertility and Infertility in Veterinary Practice. Bailliere Tindall. London, England. 7. Pineda,MH., and Dooley, MP. 2002. McDonald's Veterinary Endocrinologyand Reproduction. 5th Ed. Iowa State Press. Iowa USA.