

## Module Handbook

Modul Name	Veterinary Embriology
Modul Level	1 (Bachelor)
Abbreviation, if applicable	BIP101
Sub-heading, if applicable	
Courses included in the module, if applicable	
Semester/term	1/1
Module coordinator(s)	Dr. Widjiati, drh., M.Si
Lecturer(s)	1. Dr. Widjiati, drh., M.Si (PJKM) 2. Prof. Dr. Bambang PoernomoS.,drh.,MS.,PA.Vet.(K). 3. Dr. Maslichah Mafruchati, drh., M.Kes. 4. Dr. Epy M. Luqman, drh., M.Kes. PA.Vet. 5. Dr. Eka Pramyrtha H., drh., M.Kes., PA.Vet.(K). 6. Chairul Anwar, drh., MS., PA.Vet.(K). 7. Suryo Kuncorojakti, drh., M.Vet. 8. Lita Rakhma Yustinasari, drh., M.Vet.
Language	Bahasa Indonesia and English
Classification within the curriculum	Compulsory/ <del>elective</del> course
Teaching format/class hours per week during the semester	1 class hour lecture (170 minutes lecture) x 14 weeks 1 class hour practical (170 minutes practical) x 14 weeks
Workload per semester	170 minutes lecture is divided into 50 minutes face to face interaction, 50 minutes assignment, 70 minutes independent study. 170 minutes practical is spent on conducting activities in laboratory/ field
Credit points	2 (lecture 1, Practical 1) (~3.02 ECTS)
Requirements	-
Learning goals/competencies	Students are able to explain the development of the organism during the mudigah period, both normal and deviant properly and correctly
Content	This lecture discusses about the early concepts of organism development, the development of the genitals of the young age, the development of male and female gametes, the process of organism growth, the pathology of embryonic development, the development of the latest embryology
Softskills attribute	Cooperation, oral communication, critical thinking
Study/exam achievements	Final exam (33.3%), midterm (22.2)%, assigment(16.7%), quizzes (16.7%), soft skill (11.1%)
Forms of media	Computer projector, white board, AULA (Airlangga University e-Learning Application)
Literatures	1. Brownner M and Fraser. 1996. Avian Embriologi. Elsevier Academic Press. 2. David JA. 2005. Mechanisme of Morphogenesis. Elsevier

	Academic Press. 3. Gilbert E, Barnes and DD. Spicer. 2004. Embryo and Fetal Pathology. Cambridge University Press.
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