

Module Handbook

Modul Name	Radiology
Modul Level	6 (Bachelor)
Abbreviation, if applicable	KHK-481
Sub-heading, if applicable	-
Courses included in the module, if applicable	-
Semester/term	6/3
Module coordinator(s)	Dr. Boedi Setiawan, drh, MP..
Lecturer(s)	1. Dr. Boedi Setiawan, drh, MP.. 2. Dr. E. Djoko Poetranto, MS., drh. 3. Prof Dr. Bambang Sektiari, L., DEA., drh.
Language	Bahasa Indonesia and English
Classification within the curriculum	Compulsory/ elective course
Teaching format/class hours per week during the semester	1 class hour lecture (1 x 170 minutes lecture) and 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 structured activities and 70 minutes independent study; 170 minutes practical is spent on laboratory/field work.
Credit points	2 (lecture 1/practical1) (~3.02 ECTS)
Requirements	Anatomy; Physiology; Clinical Diagnostic
Learning goals/competencies	Students are able to properly diagnose normal and abnormal conditions of a system or organ based on radiological examination.
Content	Veterinary radiology lectures are held with a one-semester lecture method, which discusses the introduction of radiological machine usage, the danger posed and protection against radiation, determines the exact position and layout for radiological examinations and the interpretation and conclusions of radiographic results.
Softskills attribute	Learning orientation, ethics, motivation to participate, analytical thinking, oral and written communication.
Study/exam achievements	Final exams (27.3%), midterm exam (18.2%), assignment (13.6%) and quizzes 13.6%, soft skill (9.1%), 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. Douglas, SW. and Williamson, HD., 1975. Principles of veterinary radiology 2nd. Ed. Balliere tindall. London. 2. Keely, JK., 1987. Diagnostic Radiology of the dog and cat 2nd. Ed. W.B. Saunders Company. Philadelphia. 3. Owens, JM. 1982. Radiographic Interpretation for animal clinician. 1st. Ed. Reston Purina Company. USA. 4. O'Brien, R. and Barr, F. 2009. BSAVA Manual of Canine and Feline Abdominal Imaging. UK. 5. Rasad, S. dkk. 1992. Radiologi Diagnostik. Sub bagian radiology FKUI. Jakarta 6. Perry, RL. 1993. Principles of Conventional Radiography and Fluoroscopy. Veterinary Clinics of North America. Small Animal Practice Vol. 23 Number 2 March 1993. 7. Schwarz, T. and Johnson, V., 2008. BSAVA Manual of Canine and Feline Thoracic Imaging, UK. 8. Thrall, DE., 2002. Textbook of Veterinary Diagnostic Radiology 4th Ed. W.B. aunder Company. Philadelphia.
Notes	