

Module Handbook

| | |
|--|---|
| Modul Name | Virology |
| Modul Level | 1 (Bachelor) |
| Abbreviation, if applicable | BIM201 |
| Sub-heading, if applicable | |
| Courses included in the module, if applicable | |
| Semester/term | 3/2 |
| Module coordinator(s) | Dr.Jola Rahmahani, drh, M.Si |
| Lecturer(s) | 1. Dr.Jola Rahmahani, drh, M.Si (PJMK) 2. Prof. Dr. Fedik A. Rantam, drh. 3. Prof. Dr. Rahaju Ernawati, drh, M.Sc. 4. Prof. Dr. Suwarno, drh, M.Si. 5. Adi Prijo Rahardjo, drh, MSi. |
| 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 (170 minutes lecture) x 14 weeks 1 class hour lecture (170 minutes lecture) 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 | Lecture & Practical of Veterinary Biochemistry (BIK101 & BIK 102) |
| Learning goals/competencies | Mahasiswa mampu mengidentifikasi virus meliputi sifat-sifat, patogenesis dan cara diagnosa laboratorium secara baik dan benar |
| Content | The course discusses the general characteristics of viruses, classification of viruses, virus replication, pathogenesis of viral diseases, viral seeding, virus counting, viral vaccines, isolation and virus identification methods |
| Softskills attribute | Komunikasi tulis Berpikir analitis |
| Study/exam achievements | Final exam (27,3%), Mid Term Exam (18.2%), Assignment (13,6%), Quizzes (13,6%), Softskill (9,1%), Practical report (18.2%) |
| Forms of media | Computer projector, white board, AULA (Airlangga University e-Learning Application) |
| Literatures | 1. Fenner, FJ. <i>et al.</i> 1995. <i>Veterinary Virology</i> . Terjemahan : Putra, D.K.H. IKIP Semarang Press, Semarang 2. Murphy. FA, EPJ Gibbs, MC. Horzinek and MJ. Studdert. 1999. <i>Veterinary Virology</i> . 3 rd Ed. Academic Press. San |

| | |
|------|--|
| | Diego. London. Boston. New York. Sydney, Tokyo, Toronto. 3. Modrow, S and D. Falke. 1997. Molekulere Virologie. Spektrum Akademischer Verlag. Heidelberg-Berlin-Oxford. |
| Note | - |