

**UNDERGRADUATE PROGRAM**

**MODULE HANDBOOK**

Module designation	ANIMAL HEALTH AND BIOSECURITY
Semester(s) in which the module is taught	<i>7<sup>th</sup> semester</i>
Person responsible for the module	Fita Ridhana,S. Pt, M. Si.
Language	Indonesian
Relation to curriculum	Compulsory module for Animal Science Program
Teaching methods	Lecture, lesson, case
Workload (incl. contact hours, self-study hours)	<ul style="list-style-type: none"> <li>▪ 100 minutes of lecture and discussion per week</li> <li>▪ 120 minutes of structured tasks per week</li> <li>▪ 120 minutes of independent activity per week</li> </ul>
Credit points	2SCH x (1.6) = 3.2 ECTS
Required and recommended prerequisites for joining the module	-
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> <li>1. The Animal Health and Biosecurity course covers the understanding and application of animal health principles, as well as disease prevention efforts through biosecurity.</li> <li>2. Students are expected to be able to identify healthy and sick livestock, understand disease prevention programs, and implement appropriate biosecurity measures to maintain animal health</li> <li>3. Students are expected to be able to prevent the spread of disease.</li> </ol>
Content	This course provide learning the understanding and application of animal health principles, as well as disease prevention efforts through biosecurity. Students are expected to be able to identify healthy and sick livestock, understand disease prevention programs, and implement appropriate biosecurity measures to maintain animal health and prevent the spread of disease.
Exams and assessment formats	Essay, case study
Study and examination requirements	<p>51,7 % case method</p> <p>6,7 % quiz</p> <p>16,7 % assignment</p> <p>8,3 % midterm examination 16,7 % final examination</p>
Reading list	<p>Main References</p> <ol style="list-style-type: none"> <li>1. Thrusfield, M. (2018). <i>Veterinary epidemiology</i> (4th ed.). Wiley-Blackwell.</li> <li>2. World Organisation for Animal Health. (2024). <i>Terrestrial animal health code</i> (32nd ed.). OIE. <a href="https://www.woah.org/en/what-we-do/standards/codes-and-manuals/terrestrial-code-online-access/">https://www.woah.org/en/what-we-do/standards/codes-and-manuals/terrestrial-code-online-access/</a></li> <li>3. Centers for Disease Control and Prevention. (2025.). <i>Biosecurity: Safeguarding research</i>. <a href="https://www.cdc.gov/ncecid/dhcpp/biosecurity/index.html">https://www.cdc.gov/ncecid/dhcpp/biosecurity/index.html</a></li> </ol>

