Module designation	Animal Reproduction Technology
Semester(s) in which the module is taught	Even/6th
Person responsible for the module	Ciptono, M.Si. and RIsma Wiharyanti, M.Si.
Language	Bahasa Indonesia
Relation to curriculum	Compulsory
Teaching methods	Lecture, project, seminar, exam
Workload (incl. contact hours, self-study hours)	Total workload is 91 hours per semester which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes individual study per week for 16 weeks.
Credit points	2 SKS (3 ECTS)
Required and recommended prerequisites for joining the module	Animal Reproduction and Embryology
Module objectives/intended learning outcomes	- Attitude: Being adaptive, creative, innovative in applying the concepts of Biology and other related fields. - Knowledge: Comprehensively mastering Biology (core biology) to solve problems in the field of Biology (problem-solving) and to underlie the concepts of related sciences - General Skills: Possessing scientific skills to support the ability to speak in local, national, and international forums. - Specific Skills: Being able to work and create jobs/being an entrepreneur in the field of Biology.
Content	This course mainly develops science and skills (MKK) in animal reproduction technology including reproduction technology in aquatic animals, artificial insemination, embryo transfer, in vitro fertilization, genetic clonning and reproductive bioethics.
Examination forms	Presence, task, final semester exam, case study, team based project.

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<td>Study and examination requirements</td>
<td>The final mark will be weight as follow:
<table>
<tr><th>NO</th><th>Assessment Techniques</th><th>Percentage Weight Assessment (%)</th><th>Information</th></tr>
<tr><td>1</td><td>Kognitif</td><td>50</td><td>Maximum assessment weight accumulation 50%</td></tr>
<tr><td rowspan="3"></td><td>Presence</td><td>5</td><td></td></tr>
<tr><td>Task</td><td>20</td><td></td></tr>
<tr><td>Final Semester Exam</td><td>25</td><td></td></tr>
<tr><td>2</td><td>Participatory</td><td>50</td><td>Maximum assessment weight accumulation 50%</td></tr>
<tr><td rowspan="3"></td><td>Case study</td><td>25</td><td></td></tr>
<tr><td>Team Based Project</td><td>25</td><td></td></tr>
<tr><td>Total</td><td>100</td><td></td></tr>
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<td>Reading list</td>
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A. Brackett, BG; Seidel JR, GE and Seidel, SM. 1981. New Technologies In Animal Breeding. Academic Press, New York.
B. Betteridge, KJ (Ed). 1977. Embryotransfer in Farm Animals. A Riview of Techniques and Applications. Agriculture, Canada.
C. Chauduri, H. 1976. Journal of Fisheries Research Board of Canada. Use of Hormones in Induced Spawning of Carps. Vol. 33 No. 4, Pt.2.
D. Brown, TA. 1986. Genes Cloning, an Introduction. Van Nostrand Reinhold (UK) Co. Ltd. England.
E. Croocks, R and Baur, K. 1983. Our Sexuality. Second Edition. The Benyamin / Cummings Publishing Company, Inc; California.
F. Hafez, ESE. 1970. Reproduction and Breeding Techniques for Laboratory Animals. Lea & Febiger, Philadelphia.
G. Muir, JF and Robert, RJ. 1985. Recent Advances in Aquaculture. Vol. 2. Westview Press, Boulder. Colorado.
H. Shelton, JN; Tromson, AO; Moore, NW and James, JW (Eds). 1982. Embryotransfer in Cattle, Sheep and Goats, Papers of A Symphosium held at Canberra, Australia, May 1981. Union Offset Company Pty. Ltd; 20 Pirie Street, Fyshwick, ACT.

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