

Course plan for post-graduate NOVA course at the Department of Animal Environment and Health, SLU, Skara, Sweden

Name:	Sustainable Ruminant Production Systems in a Global Perspective – NOVA1
ECTS:	4
Goals:	<p>Students will gain an understanding of current ruminant production systems for production of milk and meat in the Nordic countries with an emphasis on animal, environmental and economical sustainability.</p> <p>Students also will understand impacts of climate change on ruminant production systems considering feed production, animal husbandry and environmental aspects on landscape, water, atmosphere and economy.</p> <p>Students will be able to relate conditions for ruminant production systems in the Nordic countries with conditions for production of milk and meat in other parts of the world.</p>
Pre-required knowledge:	Basic undergraduate knowledge in animal, crop, environmental or economical sciences.
Examination elements:	<p>Student preparation before lectures and workshops by reading articles given by the teachers.</p> <p>Mandatory participation in lectures and workshops.</p> <p>Presentations and active participation by students in workshops</p> <p>Approval of report completed within a month after the course week.</p>
Deadline for after course examination or report:	One month after course week.
Pedagogical approach:	<p>A group of students prepare for a lecture and a workshop by discussing given scientific papers using defined questions.</p> <p>Presentations, discussion and feedback from other participants and teachers will be undertaken in plenum during the workshops. Case studies may be used and students will use role playing to illustrate the decisions.</p>
Scientific content:	<p>Teachers are senior researchers or scientists within an agricultural organisation and they are experts in the topic they are teaching. The course will deliver a holistic view of ruminant production systems by using interdisciplinary research in teaching. The course will deliver a global perspective of ruminant production systems used in the Nordic countries. Scientific subject content: Agronomy, animal science, production economics and ecology.</p>