Faculty members are required to have the outline submitted to the Academic Affairs Office. The course outline is the form used for approval of new courses by the Academic Affairs and Standards Council.

**DEPT.** LWMP  
**COURSE NUMBER:** 1301

<table>
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<tr>
<th>Course Title:</th>
<th>Sheep Diseases</th>
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**Catalog Description:**  
This course helps students become familiar with sheep diseases that need to be managed in a successful sheep enterprise. Diseases will be studied in the following categories – lambs from birth to three weeks old; three weeks to weaning; weaning to maturity, ewes; rams and general diseases.

**Prerequisites or Necessary Entry Skills/Knowledge:**  
None

**FULFILLS MN TRANSFER CURRICULUM AREA(S)**

Goal 1: Communication: _____ by meeting the following competencies:

Goal 2: Critical Thinking: _____ by meeting the following competencies:

Goal 3: Natural Sciences: _____ by meeting the following competencies:

Goal 4: Mathematics/Logical Reasoning: _____ by meeting the following competencies:

Goal 5: History and the Social and Behavioral Sciences: _____ by meeting the following competencies:

Goal 6: The Humanities and Fine Arts: _____ by meeting the following competencies:

Goal 7: Human Diversity: _____ by meeting the following competencies:

Goal 8: Global Perspective: _____ by meeting the following competencies:

Goal 9: Ethical and Civic Responsibility: _____ by meeting the following competencies:

Goal 10: People and the Environment: _____ by meeting the following competencies:
### Topics to be Covered
- Diseases of rams, ewes and lambs
- Internal and external parasites
- Poisonous plants
- Basic disease control practices
- Disease treatment methods

### Student Learning Outcomes
1. Identify common lambing time health problems.
2. Identify potential poisonous plants.
3. Identify internal parasite cycle and management.
4. Identify external parasite problems.
5. Describe general diseases of sheep.
6. Describe diseases of rams.
7. Describe diseases of ewes.
8. Describe diseases of lambs from weaning to maturity.
9. Describe diseases of lambs three weeks old to weaning.
10. Describe diseases of lambs birth to three weeks old.
11. Identify basic disease control practices.

Is this course part of a transfer pathway: Yes ☐ No ☒

Revised Date: 8/2020