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## SECTION HEADING

### LWMP 2152: Special Topics: Genetics

#### Description

Special Topics - Genetics enables study and application of planning, implementing, and monitoring genetic improvement and selection programs for sheep. Exact subject matter will vary depending on student need.

#### Management Credits

2

#### Topics to be Covered

1. Evaluating, refining flock genetics, and selection programs.

#### Learning Outcomes

1. Analyze genetic management program implications.
2. Evaluate specific flock selection program concerns.
3. Identify methods to address genetic concerns.
4. Identify methods to address selection concerns.
5. Compare cost versus effectiveness of various methods.
6. Evaluate specific flock genetic program concerns.
7. Identify appropriate selection program.
8. Implement revised plan.
9. Analyze selection management program implications.
10. Analyze genetic management program solutions.
11. Analyze selection management program solutions.
12. Develop revised genetic program based upon implications.
13. Develop revised selection program based upon implications.
14. Develop revised genetic program based upon solutions.
15. Develop revised selection program based upon solutions.
16. Identify appropriate genetic program.