**Ankara Üniversitesi**

**Kütüphane ve Dokümantasyon Daire Başkanlığı**

| Weeks | Subjects  |
| --- | --- |
| Week 1 | Introduction to animal improvement |
| Week 2 | Qualitative Quantitative and Threshold traits (1) |
| Week 3 | Qualitative Quantitative and Threshold traits (2) |
| Week 4 | Genes effects in qualitative and quantitative traits and genomic impirinting |
| Week 5 | Phenotype Genotype and environment |
| Week 6 | Phenotypic genetic and environmental variation |
| Week 7 | Population parameters and correlations |
| Week 8 | Heritability and repeatability |
| Week 9 | Hybrid vigor and population genetics |
| Week 10 | Selection and basic rules of selection |
| Week 11 | Selection methods for single trait |
| Week 12 | Multiple trait selection and genomic selection |
| Week 13 | Purebreeding and relationship |
| Week 14 | Crossbreeding methods |