

Learning Outcomes

Successful graduates of the BAS-FRM will be able to:

- Successfully determine contemporary field skills applicable to a wide range of natural resource jobs in forestry.
- Identify problems and utilize critical thinking to solve these problems on the ground.
- Develop stable, robust, secure, and efficient field skills and practices that adhere to strict Federal and State legislation regarding natural resource harvest and use.
- Communicate with project stakeholders, both with technical and non-technical backgrounds verbally and in written format.
- Evaluate potential land use actions including timber harvest, forest roads, and public use.
- Engage in professional development activities to stay updated with current technology and tools including GIS analysis.
- Measure, record and statistically analyze field data.
- Write technical reports that synthesize, analyze and interpret findings.
- Execute related technical duties such as estimating work effort, and assessing technical risk.
- Lead contract administration and overseeing personnel.
- Develop land action plans such restoration and harvest plans through individual and team work.

Sampling and Assessment Track

- Understand data integrity
- Processing in a wide variety of sampling environments
- Analyze and interpret data collected

Operations specialization learning outcomes

- Evaluate harvest and transportation environment and determine most prudent harvesting method.
- Create a harvest plan using contemporary ground based and skyline methods to meet economic and legal requirements.
- Appraise transportation needs and related issues of forest operations.
- Understand when to utilize engineers to outline construction requirements of the transportation system.
- Compose and evaluate the economic justification of various forest operations.