

2025 Variable Probability Sampling Course

Vue Corvallis · 517 SW 2nd Street · 6th Floor Classroom

March 24th – 28th

Monday March 24, 2025

- 1:00 pm Check-in and materials pick-up
- 1:30 pm Classroom lecture
- Introduction to the course
 - History of Variable Plot Cruising
 - Basic principles and theory
- 3:00 pm Break and snacks
- 3:15 pm Classroom lecture
- Determination of Basal Area
 - BAF factors
 - Tree Counts & Measurements

Tuesday March 25, 2025

- 7:00 am Coffee and light breakfast available
- 7:30 am Q&A
- 8:00 am Classroom lecture
- Statistical Analysis
 - Means (Average)
 - Standard Deviation
 - Coefficient of Variation
 - Standard Error
- 9:30 am Break and snacks
- 9:45 am Classroom lecture
- Sampling Techniques
 - Random
 - Systematic
 - Calculation of BAF
 - Plot Radius Factor
 - Cruise Design
 - Volume Calculations/ grade/defect

11:45 am Box lunch (provided), travel to McDonald Forest
1:00-5:00 Field Problem & Calculations

Wednesday March 26, 2025

7:00 am Coffee and light breakfast available
7:30 am Q&A
8:00 am Classroom lecture

- Volume Calculations
- Log Grades & defects

9:30 am Break and snacks

9:45 am Classroom lecture

- Statistical Issues
- Stand & Stock Tables
- Analysis of field problem

12:00 pm Buffet lunch (provided)

1:00 pm Classroom lecture

- Timber Cruising Guide
- Balancing TC & VBAR
- Software for Balancing
- Advantages of VP sampling

3:00pm Afternoon break

3:15pm Classroom lecture

- 3P Computer Demo
- 3P Sampling, Crew Chiefs and handhelds

5:00-7:00 Dinner and social (on-site, provided)

Thursday March 27, 2025

7:00 am Coffee and light breakfast available
7:30 am Q&A
8:00 am Classroom lecture

- Intro to 3P Sampling
- Demo of 3P Process

- 9:30 am Break and snacks
- 9:45 am Classroom lecture
- Guest Presentations 3P (USFS)
 - 3P, Fall and Buck (BLM)
- 11:45 am Box lunch (provided), travel to McDonald Forest
1:00-5:00 Field Problem – 3P

Friday March 28, 2025

- 7:00 am Coffee and light breakfast available
- 7:30 am Q&A
- 8:00 am Classroom lecture
- 3P Volume Calculations
 - Statistical Analysis
 - 3P field problem results
 - Sample Size issues in 3P
 - Check cruising and adjustment
 - Advantages of 3P sampling
- 9:30 am Break and snacks
- 11:30 pm Wrap-up & adjourn