

Foundational Forestry Skills Milestone Syllabus

Objective: Students competing for entry level positions are expected to have a foundation of fundamental working knowledge of the practice of forest management and an accompanying set of field-based practical skills. Repetitive self-examinations of your skills provide a way to see where you are at with knowledge and applied field techniques. Knowledge, Skills, and Abilities presented in the core forestry courses will be used to assess and hone the development of the identified skill set and knowledge base.

Core Courses: NR 250, FOR 232, 322, 332, 425, 432

Introductory Level (Sophomore Courses): **NR 250, FOR 232**

Intermediate Level (Sophomore & Junior Courses): NR 250, FOR 232, **FOR 322, FOR 332**

Advanced Level (Senior Courses): Register for FOR 449 after taking or concurrently enrolled in **FOR 425 and FOR 432**. Your assessment will be completed as part of these courses.

To pass the self-assessment milestone, score at least 70% of the questions correctly on the written exam **and** also meet or exceed the field tree identification component that requires at least 70% (Introductory Level) or 75% (Intermediate Level). If you reach the both written and plant identification levels in the same semester, you earned the milestone. If you do not reach the threshold, you can study to improve your skills and retake as needed during the semester. For the Advanced Level, this assessment has been moved into the FOR 425 and FOR 432 courses and you must also register for FOR 449 as part of the Advanced (Senior) milestone as a graduation requirement.

Study Materials: Study material covering key concepts tested during the examination process are available at the Foundational Forestry Skills CANVAS location.

Assessment Content:

Field – The field component emphasizes tree and shrub identification. Students are expected to identify trees with common name using leaf, twig, bark, and branching characteristics. The 61 plants are common the central Wisconsin.

Written – The written assessment consists of multiple choice, fill-in-the-blank, and computational questions that assess the students understanding of key concepts in each of the aforementioned core forestry courses.