Overview
The online Graduate Certificate in Advanced Silviculture provides forestry professionals with current, research-based knowledge and hones the skills you need to make strategic, science-based decisions within an adaptive management context. Designed specifically for practicing foresters, this online certificate will prepare you with the in-depth knowledge, methods, theories, and tactics to identify, compare, and apply advanced ecological concepts to diverse forest ecosystems.

Managing forest systems effectively requires a diverse set of skills. Learn to develop, implement, and evaluate silvicultural solutions to help both forests and communities adapt to a changing climate. After completing the program, graduates will be able to:

• Utilize current scientific methodologies to inform management decisions in the field
• Effectively write silviculture prescriptions for specific management objectives that meet the diverse values of landowners
• Develop on-the-ground actions for climate change adaptation and mitigation
• Create a monitoring plan to effectively evaluate and assess management actions, and to inform future management decisions

Curriculum
The Graduate Certificate in Advanced Silviculture requires the completion of six courses.

Note: You must be admitted to this program for the certificate to appear on your official University transcript.

Required Courses
• F 592 – Advanced Silviculture Seminar (1 cr.)
• F 571 – Applied Forest Ecology (2 cr.)
• F 572 – Advanced Silviculture Practices (3 cr.)
• F 574 – Climate Adaptive Forest Management (1 cr.)
• F 575 – Monitoring for Advanced Silviculture (2 cr.)
• F 576 – Advanced Silviculture Capstone (3 cr.)
Application Deadline
Fall Semester: August 1  Spring Semester: December 20

1 Review Admission Requirements
This graduate certificate requires that students have a bachelor’s degree in forestry, natural resources, or another related field from a regionally accredited institution. Applicants without a related degree but with significant forestry experience may also be considered.

2 Prepare Application Materials
Statement of purpose – Your statement should be written in 12-point font, double-spaced, and address the following:
- What do you hope to learn from this certificate program, and how do you think it will benefit your career? (Please limit response to <300 words.)
- What do you anticipate being the biggest challenges to your participation in and successful completion of this online graduate certificate program? What is your plan for addressing these challenges? (Please limit response to <300 words.)
- The Graduate Certificate in Advanced Silviculture for the Practicing Forester requires participants to complete group work and actively contribute to discussions in their classes. What is your experience collaborating on teams, and what do you value most in a “team member?” (Please limit response to <300 words.)

3 Complete Online Application
Complete the online graduate application and pay the nonrefundable application processing fee (payable online). As soon as you have completed the required information, please submit your application. You do not need to wait for recommendations or transcripts to move your application forward. Note: All application materials must be received by the application deadline.
- Select “Advanced Silviculture for the Practicing Forester (Certificate) – Distance” when choosing the Program of Study. (Note: You must first select “Certificate” at the top.)

4 Request Transcripts
Request one official transcript of all collegiate work completed from every institution attended, whether or not you received a degree from those institutions. Transcripts from Colorado State University are not required. Official transcripts can either be mailed in or sent as e-transcripts.
Send e-transcripts to: gradadmissions@colostate.edu
Send paper copies to:
Graduate Admissions
Colorado State University – Office of Admissions
1062 Campus Delivery
Fort Collins, CO 80523-1062

Check Your Application Status
View your application status at any time to ensure your application checklist is complete or to check on updates. Once your complete application, including supporting materials, is received, the department admission committee will review your application and promptly notify you of their decision.

International Students
See website for test score and transcript requirements.