

GRADUATE CERTIFICATE IN CARBON MANAGEMENT

A workforce needs-assessment survey carried out by the Greenhouse Gas Management Institute concluded US organizations are ill-prepared for emerging regulatory emissions reporting, carbon markets are not “up-to-snuff”, and competency concerns loom with expansion of climate programs. A set of recent reports in *Nature* confirmed that new international agreements will tax the capabilities of nations and organizations to carry out the supporting accounting activities.

The Graduate Certificate in Carbon Management is designed to deliver the latest fundamental knowledge and skills to practicing environmental/sustainability professionals, enabling them to advance their careers by expanding into this emerging area.

The certificate may be completed through traditional, on-campus coursework or through CSU Online (<https://www.online.colostate.edu/certificates/carbon-management/>).

Effective Fall 2019

Additional coursework may be required due to prerequisites.

| Code | Title | Credits |
|---------------------------------------|---|--------------|
| Required Courses: | | |
| ESS 524 | Foundations for Carbon/Greenhouse Gas Mgmt | 3 |
| ESS 542 | Greenhouse Gas Policies | 2 |
| ESS 543/ATS 543 | Global Climate Change | 2 |
| Select one course from the following: | | 3-4 |
| ANEQ 626 | Animal Nutrition, Emissions, and Management | |
| ESS 545 | Applications in Greenhouse Gas Inventories | |
| ESS 555/ ENGR 555 | Life Cycle Assessment for Sustainability | |
| ESS 625/F 625 | Ecology of Forest Production | |
| Program Total Credits: | | 10-11 |

*This certificate may have courses in common with other graduate certificates. A student may earn more than one certificate, but a given course may be counted only in one certificate.