

M.S. in Land Rehabilitation

Course work in land rehabilitation is designed to serve students new to the rehabilitation field, as well as to experienced individuals or those already working in land rehabilitation or restoration ecology and who desire further education and training. Montana State University offers core courses in land rehabilitation and restoration ecology, and a very strong array of supporting courses in relevant disciplines. These courses are integrated with the core curriculum to add breadth and depth to the program and to make specialization possible in a given aspect of land rehabilitation. Site revegetation, soil remediation, restoration of riparian zones and stream channels, remediation of contaminated sites, and management of invasive plants are among the many potential areas of study. Emphasis is placed on developing a broad understanding of soil, plant and hydrological processes as foundation to effective applications. With the exception of required core courses, course sequences will be designed to correspond with the specific needs, interests and educational goals of the individual student. This program emphasizes soil, vegetation and water sciences, and graduates are expected to be well versed in these areas in addition to the student's particular area of interest.

Core Curriculum

30 credits minimum (10 thesis, 20 course work) required for master's degree. No more than 9cr can be at the 4xx-level. Candidates for the M.S. degree in Land Rehabilitation must complete a 8 credit core curriculum. Elective credits will reflect foundational courses as well as student's special interests. A minimum of 20 credits of coursework must be taken from MSU.

Required Core Courses (8 credits) Credits

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| LRES 563 | Restoration Ecology | 3 |
| ENSC 460 | Soil Remediation | 3 |
| LRES 562 | Land Rehab Field Problem | 2 |