

## Land Reclamation

### **Core Knowledge Areas and Knowledge Requirements for Professional Practice in the Practice Area.**

To qualify for the *Land Reclamation* (LR) practice area a minimum three of four Core Knowledge Areas (CKAs) must be met, and of those three, two must include the *Soils* and the *Vegetation* CKAs (AIA CC Policy #21-001). Each knowledge requirement must consist of at least 3-credit equivalent of learning. A regulated member's scope of practice is restricted to those CKAs for which the member qualifies.

<b>Core Knowledge Area</b>	<b>Required Subject Matter Areas* (Knowledge Requirements)</b>
<b>Ecology</b>	<ul style="list-style-type: none"> <li>• Introductory Ecology</li> </ul>
<b>Water</b>	<ul style="list-style-type: none"> <li>• Introductory Hydrology</li> </ul>
<b>Soils</b>	<ul style="list-style-type: none"> <li>• Introductory Soil Science</li> <li>• Soil Genesis and Classification</li> </ul> <p>And at least one of the following:</p> <ul style="list-style-type: none"> <li>• Soil Chemistry</li> <li>• Soil Physics</li> <li>• Soil Fertility</li> <li>• Soil Biology</li> <li>• Soil Conservation</li> <li>• Soil Biogeochemistry</li> </ul>
<b>Vegetation</b>	<ul style="list-style-type: none"> <li>• Introductory Plant Science</li> </ul> <p>And at least one of the following:</p> <ul style="list-style-type: none"> <li>• Plant Identification and Taxonomy</li> <li>• Community Ecology</li> <li>• Weed Science</li> <li>• Plant Physiology</li> <li>• Plant Pathology</li> <li>• Range Management</li> <li>• Forest Ecology</li> </ul>
<p>* Knowledge of a subject matter area may be based on an individual course or be part of multiple courses. For example, knowledge in water may be obtained via an introductory hydrology course or through portions of other courses such as soil conservation and soil physics.</p>	