GRADUATE CERTIFICATE IN RECLAMATION & RESTORATION ECOLOGY CHECKLIST

Student:         Major:         Advisor:

Required Courses:

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| --- | --- |
| REWM 4200 Reclamation Drastically Disturbed Lands | [ ]  3 hrs |
| REWM 5580 Rangeland Restoration Ecology | [ ]  3 hrs |

Research (4 hours):

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| SOIL 5565 Research in Soil Science OR | [ ]  |
| REWM 5640 Investigation | [ ]  |

Reclamation Process Course (3 hours):

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| GEOL 5070 Geologic Environments of Coal-Bearing Deposits | [ ]  |
| GEOL 5111 Remote Sensing of the Environment | [ ]  |
| BOT 5700 Vegetation Ecology | [ ]  |
| BOT 5740 Analysis of Primary Production and Cycling in Terrestrial Ecosystems | [ ]  |
| BOT 5730 Plant Physiology Ecology | [ ]  |
| BOT 5780 Biogeochemistry | [ ]  |
| PLNT 5070 Weed Science and Technology | [ ]  |
| PLNT 5470 Seed Science and Technology | [ ]  |
| GEOL 5444 Geohydrology | [ ]  |
| GEOL 5570 Advanced Geohydrology | [ ]  |
| REWM 5280 Stream Habitat Management | [ ]  |
| REWM 5710 Watershed Water Quality Management | [ ]  |
| REWM 5750 Wildlife Habitat Restoration Ecology | [ ]  |
| RNEW 5540 Shrubland Ecology | [ ]  |
| SOIL 5100 Soil Physics | [ ]  |
| SOIL/MATH 5110 Water and Chemical Transport | [ ]  |
| SOIL 5120 Genesis, Morphology and Classification of Soils | [ ]  |
| SOIL 5130 Chemistry of the Soil Environment | [ ]  |
| SOIL 5140 Soil Microbiology | [ ]  |
| SOIL 5150 Forest and Range Soils | [ ]  |
| ZOO 5550 Wetland Ecology | [ ]  |

Planning/Policy Course (3 hours):

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| ENR 4900 Environment and Natural Resource Policy Practice | [ ]  |
| ENR 5900 Environmental Assessment | [ ]  |
| GEOG 5370 Environmental Planning | [ ]  |
| LAW 6660 Environmental Law | [ ]  |
| POLS 5051 Environmental Politics  | [ ]  |

 Minimum Credits Needed: 16

Notes:

Signature WRRC Director: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_