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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_