Revised 8.4.16

River Studies and Leadership Certificate

Accepted Courses

Core Courses

Geographic Information Systems Core Courses (choose ONE):

U of U
GEOG 3140 Introduction to GIS (4 cr)
GEOG 3110 The Earth from Space – Remote Sensing of the Environment (3 cr)
GEOG 5140 – Methods in GIS (4 cr)

River Science (choose ONE):

U of U
BIOL 3045: Landscape Ecology (3 cr)
BIOL 3480/5430: Biography of and Urban Stream (3 cr)
CVEEN 4410: Engineering Hydrology (3 cr)
CVEEN 5610/6610: Water Chemistry and Laboratory Analysis (3 cr)
GEO 3300: The Water Planet (3 cr)

River Policy (choose ONE):

U of U
POLSS 5510: Water Policy and Politics (3 cr)

Swiftwater Rescue Core Courses (choose ONE):

U of U
H ED 4510: Swiftwater Rescue Techniques and Theory (3 cr)

Emphasis Coursework (Choose ONE emphasis area)

River Science Emphasis Area Courses (choose TWO)

U of U
GEOG 2000: Utah's Backyard: An Introduction to Field-Based Physical Geography (3 cr)
GEOG 3200/5200: Geomorphology: Mountains, Rivers and Deserts (4 cr)
GEOG 3290/5290: Water in Utah (3 cr)

GEOG 3350: Resource Conservation and Environmental Management (3 cr)
GEO 5350/6350/7350: Groundwater (3 cr)
GEO 5390/6390/7390: Solute Transport and Subsurface Remediation (3 cr)
CVEEN 5410/6410: Watershed Modeling (3 cr)

River-based Policy and Management Emphasis Area Courses (choose TWO courses):

U of U
CMP 5350/6350: Public Lands and Environmental Policy (3cr)
CPM 5360/6360: Environmental Planning Law and Policy (3 cr)
Civil and Environmental Engineering 6480/Philosophy 5540: Hydroptopia (3 cr)
PRT 5420: Ecology and Management of Wildland Recreation (3 cr)
PRT 5410: Land and Resource Planning (3 cr)

River-based Recreation, Education, and Tourism Emphasis Area Courses (choose TWO courses):

U of U
PRT 5420: Ecology and Management of Wildland Recreation (3 cr)
PRT 5410: Land and Resource Planning (3 cr)
PRT 5855: Seminar in Sustainable Tourism & Ecotourism (3 cr)
PRT 4430: Environmental Interpretation & Education (3 cr)
PRT 3500: Foundations of Outdoor Recreation Studies (3 cr)
PRT 5180: Field Ecology in PRT (3 cr)
PRT 5420 / 6420: Ecology and Management of Wildland Recreation Settings (3 cr)
PRT 5430: Recreation Issues in Human Dimensions of Wildlife (3 cr)
PRT 5965: On-Site Policy Analysis (3 cr)