

Western Carolina University**BS in Natural Resource Conservation and Management****University Requirements (120 hours)****Liberal Studies (42 hours)****NRCM Major (63 hours; 39 Core + 24 Elective)****General Electives (15-24 hours)****NRCM Core Requirements (39 hours) - All majors must complete these courses**

BIOL 141	4	Principles of Biology II	PREQ BIOL 140 - waived for NRCM
BIOL 241	4	Introduction to Ecology and Evolution	PREQ BIOL 140, 141, and 240 - 140 and 240 waived for NRCM
CHEM 139	4	General Chemistry I	no PREQ
or CHEM 140	4	Adv General Chemistry	PREQ CHEM 139
GEOL 305	4	Soils and Hydrology	Permission of Instructor
MATH 170	3	Applied Statistics	no PREQ
NRM 150	1	Career Opportunities in Natural Resources Management	no PREQ
NRM 210	3	Methods in Natural Resources Management	no PREQ
NRM 213	3	GIS for Natural Resource Management	no PREQ
NRM 240	3	Natural Resource Measurements	no PREQ
NRM 255	3	Dendrology	no PREQ
NRM 351	3	Forest Ecology	PREQ NRM 210 and 240
or BIOL 304	3	General Ecology	PREQ BIOL 241
NRM 440	4	Integrated Resource Management	PREQ NRM 210 and Senior standing; taken during final FALL semester

Major Electives (24 hours)

GEOG 300	3	Weather and Climate	no PREQ
GEOG 324	4	Introduction to Remote Sensing	PREQ GEOG 221 or NRM 213
GEOL 302	3	Geomorphology	no PREQ
GEOL 405	4	Hydrogeology	PREQ GEOL 302 or 305
GEOL 410	3	Fluvial Geomorphology	no PREQ
GEOL 423	3	Contaminated Rivers	no PREQ
GEOL 455	3	Wetlands	Junior standing, or Permission of Instructor
NRM 320	3	Soil Conservation	PREQ NRM 210, or Permission of Instructor
NRM 330	3	Introduction to Fish and Wildlife Ecology and Management	PREQ NRM 210 and 240, or Permission of Instructor
NRM 344	4	Applied GIS	PREQ GEOG 221 or NRM 213
NRM 389	1-3	Cooperative Education in NRM (Internship)	no PREQ
NRM 432	4	Wildlife Research and Survey Techniques	PREQ NRM 330
NRM 451	4	Foundations of Silviculture	PREQ NRM 210, 255, and 351, or Permission of Instructor
NRM 460	3	Watershed Management	PREQ NRM 210, or Permission of Instructor
NRM 472	4	Geospatial Science Applications	PREQ NRM 344 or GEOG 324, or Permission of Instructor
NRM 476	4	Contemporary Fisheries	PREQ NRM 210, 240, and 330
NRM 479	4	Mammalogy	PREQ BIOL 241
NRM 480	1-3	Independent Study	Permission of Instructor
NRM 481	1-3	Independent Study	Permission of Instructor
NRM 483	1-3	Applications in Forest Resource Management	PREQ NRM 210 and 240
NRM 493	1-4	Topics in NRM	Permission of instructor

Other General Electives Relevant to NRCM

BIOL 425	4	Flora of the Southern Appalachians	PREQ BIOL 141
BIOL 434	4	Terrestrial Landscape Ecology	PREQ BIOL 241
BIOL 435	4	Aquatic Ecology	PREQ BIOL 241 or 304
BIOL 438	3	Ecological Restoration	PREQ BIOL 141
BIOL 441	3	Conservation Biology	PREQ BIOL 141
BIOL 472	4	Ornithology	PREQ BIOL 241
BIOL 477	4	Herpetology	PREQ BIOL 241
ECON 310	3	Natural Resource Economics	PREQ ECON 231 or ECON 232
PAR 330	3	America's Wilderness Ethics and Aesthetics	no PREQ; P4
PAR 333	3	Environmental Ethics	no PREQ; P4
PSC 326	3	Natural Resources Policy and Administration	Junior standing, or Permission of Instructor
PSC 354	3	International Environmental Politics	PREQ PSC 169 or INST 200