

Curriculum Guide for AA/AS to BS Natural Resource Conservation & Management: Forest Resources Conservation at WCU

Note: this is only a guide. Course availability is not guaranteed, and timing of course offerings (Fa/Sp) is subject to change.

Freshman/First Year

1st Semester*		Fall		2nd Semester		Spring			
CC Course	WCU Course Equivalent	LS Cat.	Credit Hours	Notes/Pre-reqs	CC Course	WCU Course Equivalent	LS Cat.	Credit Hours	Notes/Pre-reqs
ENG 111	ENGL 101	C1	3		ENG 112	ENGL 202	C1	3	
MAT 172	MATH 146	C2	4	Maj requirement	COM 231	COMM 201	C3	3	
Humanities/Fine Arts	Humanities	P4	3		Humanities/Fine Arts	Fine & Performing Arts	P5	3	
CHM 151	CHEM 139	C5	4	Maj requirement	Soc/Beh Sciences	Social Sciences	P1	3	
ACA 122	USI 130		1		ECO 251/252	ECON 231/232	P1	3	ECON 310 pre-req
Total Credit Hours				15	Total Credit Hours				15

*This assumes placement into college level courses. Note: WCU's Math 153: Calculus I may be substituted for Math 146

Sophomore/Second Year

3rd Semester		Fall		4th Semester		Spring			
CC Course	WCU Course Equivalent	LS Cat.	Credit Hours	Notes/Pre-reqs	CC Course	WCU Course Equivalent	LS Cat.	Credit Hours	Notes/Pre-reqs
HEA 110/PED 110/Other Elective	Wellness	C4	3		Gen. Ed/UGETC Elective	Elective		3	
Social Science (Global Perspective)	World Cultures	P6	3		FOR 173 (AB/BB/C), 173AB (Lecture) & 173BB (Lab), 173C, 173L	GEOL 305	C5	4	
BIO 111/Gen. Ed/UGETC Elective	BIOL 140	C5	4	At CC, req'd pre-req for BIOL 141	FOR 121 (with LAB)	NRM 255/256 (Dendrology and Dend Lab)		3	
History	History	P3	3		BIO 112/Gen. Ed/UGETC Elective	BIOL 141	C5	4	Maj requirement
*FOR 131, 131A, 131AB, 232AB, 232	NRM 210 (Methods in Natural Resource Management)		3	*See LookUpTool for Full List					
Total Credit Hours				17	Total Credit Hours				14

UGETC=purple shading

Gen. Ed.=beige shading

Other required hours=blue shading

Junior/Third Year (at WCU)

5th Semester		Fall		6th Semester		Spring	
WCU Course	Course Title	Credit Hours	Notes/Pre-reqs	WCU Course	Course Title	Credit Hours	Notes/Pre-reqs
BIOL 241	Intro to Ecology and Evolution	4	BIOL 140	GEOG 221	Intro to Geospatial Analysis	4	
NRM 213	GIS for Natural Resources	3		NRM 240	Natural Resource Measurements	3	
PSC 326	Natural Resources Policy & Administration	3	Junior standing	NRM 452	Forest Resource Management	3	NRM 210
ECON 310	Natural Resources Econ	3	ECON 231 or 232	NRM 344	Applied GIS	4	GEOG 221
Total Credit Hours				Total Credit Hours			
13				17			

NRM 213 No Equivalency at CC
 NRM 240 No Equivalency at CC
 NRM 150 No Equivalency at CC
 FOR 121,
 NRM 255- A, AB, C
 NRM 210- FOR 131AM, FOR 131BB, FOR 225AB, FOR 225BB, FWL 142, FWL 212, FWLAB, FWLBB, FOR 232, FOR 175, FOR 212AB, FOR 212BB, FOR 271
 GEOL 305 FOR 173, AB/BB, C/L

Senior/Fourth Year

7th Semester		Fall		8th Semester		Spring	
WCU Course	Course Title	Credit Hours	Notes/Pre-reqs	WCU Course	Course Title	Credit Hours	Notes/Pre-reqs
NRM 330	Intro to Wildlife Management	3	NRM 210	NRM 440	Integrated Resources Management/Internship/Independent Study	4	NRM 210
NRM 451	Foundations of Silviculture	4	NRM 210 or 351	NRM Elective	NRM 460/483/472/BIOL 438	3 or 4	Various pre-reqs
GEOG 324	Intro to Remote Sensing	4	GEOG 221	NRM 452	Forest Management--lab	4	NRM 210
NRM 150	Career Opportunities	1		NRM 351	Forest Ecology	4	
Total Credit Hours				Total Credit Hours			
12				15-16			

*NRM 440 Offered in FALL starting 2022

Total Credit Hours 120-121
 Reminder: 30 hours of 300-400 level courses must be taken at WCU.

[More Information on B.S. Natural Resource Conservation and Management](#)

Electives***				Based on electives chosen, student can decide on a NRCM concentration (Forest Resources/Soil and Water Conversation.	***Please follow up with Faculty Advisor, on choosing concentration path.	
Climate (3 cr)						
GEOG 324 - Intro to Remote Sensing (4 cr)						
cr)						
GEOL 405* - Hydrology (4 cr)						

GEOG 300 No Equivalency at CC
 GEOG 324 No Equivalency at CC
 GEOL 302 No Equivalency at CC
 GEOL 405 No Equivalency at CC

UGETC=purple shading

Gen. Ed.=beige shading

Other required hours=blue shading

Suggested Course Sequence to transfer from NCCCS (10/21/21 Draft)

GEOL 410* - Fluvial Geomorphology (3 cr)						
Rivers (3 cr)						
GEOL 455 - Wetlands (3 cr)						
cr)						
NRM 330 - Intro to Fish Wildlife Ecol Mgmt (3 cr)						
NRM 344 - Applied GIS (4 cr)						
cr)						
NRM 432 - Wildlife Res and Survey Tech (4 cr)						
(4 cr)						
NRM 460 - Watershed Management (3 cr)						
NRM 472 - Geospatial Science Apps (4 cr)						
NRM 476 - Contemporary Fisheries (3 cr)						
NRM 479 - Mammalogy (4 cr)						
NRM 480/481 - Independent Study (var cr)						
NRM 483 - Appl in Forest Res Mgmt (3 cr)						
cr)						
*Required courses not taught by NRCM faculty that are typically not taught All semesters; check with home department for confirmation						

GEOL 410 No Equivalency at CC
 GEOL 423 No Equivalency at CC
 GEOL 455 No Equivalency at CC
 NRM 320 No Equivalency at CC

NRM 330 No Equivalency at CC
 NRM 344 No Equivalency at CC
 NRM 389 No Equivalency at CC

NRM 432 No Equivalency at CC
 NRM 451 No Equivalency at CC

NRM 460 No Equivalency at CC

NRM 472 No Equivalency at CC

NRM 476 No Equivalency at CC
 NRM 479 No Equivalency at CC

NRM 480/481 No Equivalency at CC

NRM 483 No Equivalency at CC
 NRM 493 No Equivalency at CC