FOREST OPERATIONS

In addition to special degree requirements listed previously, students selecting the BS Forestry degree must complete the following required courses or their equivalent, if transferred from another college or university. Transference and equivalency will be determined by the University, W.A Franke College of Forestry and Conservation, and Forestry program. Electives may be taken at any time, keeping in mind these requirements as well as the University's General Education requirements for graduation.

Bachelor of Science - Forestry; Forest Operations Concentration

W.A Franke College of Forestry & Conservation

Degree Specific Credits: 82

Required Cumulative GPA: 2.0

Catalog Year: 2017-2018

General Education Requirements

Information regarding these requirements can be found in the General Education Section (http://catalog.umt.edu/academics/generaleducation-requirements) of the catalog.

Summary

Major Required Courses	22
Outside Major Courses Required	24-27
Major Required Courses	30
Forest Management Elective	2-3
Resource Protection Electives	3
Ethics and Social Science Elective	3
Writing within Major	15
Math within Major	4-6
Exception to the Modern/Classical Languages Requirement	3-4
Expressive Arts within Major	3
Social Science within Major	3
Ethical & Human Values Elective within Major	3
Natural Science within Major	6
Total Hours	121-128

Major Required Courses

Rule: Must take all courses

FORS 130	Intro Forestry Field Skills	2
FORS 201	Forest Biometrics	3
FORS 202	Forest Mensuration	3
FORS 240	Tree Biology	2
FORS 241N	Dendrology	3
FORS 250	Intro to GIS for Forest Mgt	3
NRSM 200	Nat.Resource Professional Wrtg	3

NRSM 210N Soils, Water and Climate		3
Total Hours		22

Minimum Required Grade: C-

Outside Major Courses Required

Rule: Must take all courses

BIOB 160N	Principles of Living Systems	3
BIOB 161N	Prncpls of Living Systems Lab	1
CHMY 121N	Introduction to General Chemistry	3
COMX 111A	Intro to Public Speaking	3
or THTR 120A	Introduction to Acting I	
ECNS 201S	Principles of Microeconomics	3
Select one of the following:		4-6
M 151	Precalculus	
M 121 & M 122	College Algebra and College Trigonometry	
Select one of the	following:	4-5
M 162	Applied Calculus	
PHSX 205N	College Physics I	4
WRIT 101	College Writing I	3
Total Hours		28-31

Minimum Required Grade: C-

Major Required Courses

Rule: Must take all courses

FORS 320 Forest Environmental Economics		3
FORS 330	Forest Ecology	3
FORS 340	Forest Product Manufacturing	2
FORS 341	Timber Harvesting & Roads	3
FORS 349	Practice of Silviculture	3
FORS 434	3	
FORS 435	Advaced Timber Harvesting	3
FORS 436	Project Appraisal	3
FORS 440	Forest Stand Management	3
NRSM 385	Watershed Hydrology	3
NRSM 422	Nat Res Policy/Administration	3
Total Hours		32

Minimum Required Grade: C-

Forest Management Elective

Select at least on	e of the following:	2-3
FORS 230	Fire Management & Environmental Change	
FORS 232	Forest Insects & Diseases	
NRSM 265	Elements of Ecological Restora	
PTRM 217S	Parks & Outdoor Rec. Mgmt.	
WILD 275	Wildlife Conservation	
Total Hours		2-3

Minimum Requir	ed Grade: C-		M 121 & M 122	College Algebra and College Trigonometry	
Resource Pro	otection Electives		Total Hours		4-6
Select one of the	e following:	3	Minimum Requi	red Grade: C-	
FORS 331	Wildland Fuel Management				
NRSM 360	Rangeland Mgt (equiv 260)		Exception to	the Modern/Classical Languages	
NRSM 415	Environmental Soil Science		Requiremen		
NRSM 455	Riparian Ecology & Management		•	- try major has been granted an exception to t	he Modern/
Total Hours		3		age Requirement. Must take one of the follow	
Minimum Requir	ed Grade: C-		FORS 201	Forest Biometrics	3-4
	ocial Science Elective		or STAT 216	Introduction to Statistics	
Ethics and S			Total Hours		3-4
Select one of the	e following:	3	Minimum Requi	red Grade: C-	
NASX 303E	Ecol Persp in Nat Amer Trad				
NRSM 379	Collab in Nat Res Decisions			Arts within Major	
NRSM 424	Community Forestry & Conservtn		•	•	
NRSM 425	Nat Res & Envir Economics		Rule: Must take	one of the following courses	
NRSM 389E	Ethics Forestry & Conservation		COMX 111A	Intro to Public Speaking	3
Total Hours		3	or THTR 120	A Introduction to Acting I	
Minimum Requir	ed Grade: C-		Total Hours		3
			Minimum Requi	red Grade: C-	
Writing With	in Maior				
-	blete the following subcategories		Social Scien	ce within Major	
				the following course	
15 Total Credits	Required		nule. Must lake	the following course	
Lower Division	•		ECNS 201S	Principles of Microeconomics	3
Rule: Need to tal	ke all listed		Total Hours		3
NRSM 200	Nat.Resource Professional Wrtg	3	Minimum Requ	ired Grade: C-	
WRIT 101	College Writing I	3			
Total Hours		6	Ethical & Hu	man Values Elective within Major	
Minimum Requir	ed Grade: C-		Rule: Can take t	he following elective course	
Upper Division	Writing		NRSM 389E	Ethics Forestry & Conservation	3
Select at least th	nree of the following:	9	Total Hours		3
FORS 330	Forest Ecology		Minimum Requi	red Grade: C-	
FORS 341	Timber Harvesting & Roads				
FORS 349	Practice of Silviculture		Natural Caia	una within Maine	
FORS 440	Forest Stand Management			nce within Major	
Total Hours		9	Rule: Must take	all courses	
	and Orestan O		CHMY 121N	Introduction to General Chemistry	3
Minimum Requir	ed Grade: C-		NRSM 210N	Soils, Water and Climate	3
Moth within	Majar		Total Hours		6
Math within	-		Minimum Requi	red Grade: C-	
Rule: All are requ	lirea				
	a following:	4-6			
Select one of the	. Tonowing.				