

COLORADO STATE UNIVERSITY
 Forest & Rangeland Stewardship
MAJOR IN FORESTRY - Forest Management

*****NEW PROGRAM REQUIREMENTS*****

Effective for all new students beginning Spring 2016 or later. Students who have started prior to Spring 2016 have the option of completing their degree under the old OR the new requirements. See your advisor for further details.

DEGREE REQUIREMENTS:

- 120 credits; including 42 credits at 300-400 level; 2.0 GPA

-Students are also responsible for knowing and meeting requirements in the University catalog (AUCC Category courses) and verifying all information on this form as course information can change frequently

Name of Student: _____

Advisor: _____

FRESHMAN YEAR		Semester Offered (Fall or Spring)	Prerequisites	Credits	AUCC Category	
_____	BZ 120	Principles of Plant Biology	F, S		4	3A
_____	CHEM 107	Fundamentals of Chemistry	F, S	MATH 117 or higher or concurrent registration in MATH 118 or higher	4	3A
_____	CHEM 108	Fundamentals of Chemistry Lab	F, S	CHEM 107 (or concurrent)	1	3A
_____	CO 150	College Composition	F, S	test or scores, or CO 130	3	1A
_____	MATH 141	Calculus in Management Sciences ¹	F, S	MATH 118 or test	3	1B
_____	SPCM 200	Public Speaking	F, S		3	
_____	ECON 202	Principles of Microeconomics	F, S	MATH 117 or higher	3	3C
_____		Arts & Humanities			3 & 3	3B
_____		Global and Cultural Awareness			3	3E
_____		Electives			6	

¹MATH 117 & MATH 118 are considered review courses, but are necessary prerequisites for MATH 141.

SOPHOMORE YEAR		Semester Offered (Fall or Spring)	Prerequisites	Credits	AUCC Category	
_____	LIFE 320	Ecology	F, S	BZ 120 or similar, MATH 141 or 155 or 160	3	
_____	WR 304	Principles of Watershed Mgmt	F, S	Completion of the AUCC 1B mathematics requirement	3	3A
_____	SOCR 240	Intro to Soil Science	F, S	CHEM 107 or similar	4	
_____	STAT 301	Intro to Statistical Methods	F, S	MATH 117 or higher	3	
_____	F 310	Forest and Rangeland Ecogeography	F, S	BZ 120 or any intro. biology, concurrent enrollment in F 312	3	
_____	F 312	Dendrology Lab	F, S	Concurrent enrollment in F 310	1	
_____		Electives			6	

CSU MOUNTAIN CAMPUS:

_____	NR 220	Natural Resources Ecology & Measurements	SS	BZ 110 and BZ 111 or BZ 120 or LIFE 103; MATH 118 or one course from MATH 141 to 161, or one course from MATH 229 or higher.	5	
_____	F 230	Forestry Field Measurements	SS		2	

JUNIOR YEAR			Semester Offered (Fall or Spring)	Prerequisites	Credits	AUCC Category
--------------------	--	--	-----------------------------------	---------------	---------	---------------

_____	JTC 300	Prof & Tech Communication	F, S	CO 150 or HNR 193	3	2
_____	F 311	Forest Ecology	F, S	Ecology	3	
_____	F 321	Forest Biometry	F	NR 220; F 230; STAT 201 or STAT 301; MATH 141	3	
_____	F 322	Econ of Forest Environment	F, S	ECON 202 or similar	3	
_____	F 325	Silviculture	S	F 230, F 311, NR 220	3	
_____	F 330	Timber Harvesting and Environ.	S	F 230 or 321	3	
_____	NR 319	Geospatial Applications in NR	F, S	junior standing	4	
_____	NR 320	Nat Resources History & Policy	F, S	junior standing	3	3D
_____		Directed Electives ²		Select 6 credits from the directed electives list	6	

SENIOR YEAR			Semester Offered (Fall or Spring)	Prerequisites	Credits	AUCC Category
--------------------	--	--	-----------------------------------	---------------	---------	---------------

_____	BSPM 365	Integrated Tree Health Mgmt	F	BZ 120 or similar	4	
_____	F 421	Forest Stand Management	F	F 230, F 321, F 322, F 325	4	4A, C
_____	F 422	Quantitative Methods in Forest Management	F	F 321, F 322	3	
_____	F 326	Wildland Fire Behavior and Management	F	Ecology	3	
_____	NR 425	NR Policy and Sustainability	S	F 325, NR 320	3	4B
_____		Electives			5	

²Directed Electives			Semester Offered (Fall, Spring, or Summer)	Prerequisites	Credits	AUCC Category
Select at least 6 credits from the list below						

_____	F 430	Forestry Field Practices	S	F 330; F 421	3	
_____	RS 351	Wildland Ecosystems in a Changing World	F	LAND220/LIFE220 or LIFE 320; SOCR 240.	3	
_____	RS 300	Rangeland Conservation and Stewardship	F	BZ 120 or LIFE 102	3	
_____	F 425	Advanced Wildland Fire Management	S	F 424; NR 319	3	
_____	RS 452	Rangeland Herbivore Ecology and Management	F, S	RS 300; LAND 220/LIFE 220	3	

_____	NR 323	Remote Sensing and Image Interpretation	F		3	
_____	NR 400	Public Relations in Natural Resources	F, S	NR 320	3	
_____	HORT 464	Arboriculture	F	HORT 100; SOCR 240	3	
_____	SOCR 440	Pedology	F		4	
_____	NR 421	Natural Resource Sampling	S	STAT 201 or STAT 301; NR 220	3	
_____	NR 444	Fire Economics and Policy	S	ECON 202 or AREC 202	3	
_____	RS 329	Rangeland Assessment	SS	SOCR 240; RS300; RS 331	1	
_____	RS 432	Rangeland Measurements and Monitoring	F	NR 220; RS 300 or concurrent registration; STAT 201 or STAT 301 or STAT 307	2	
_____	RS 478	Restoration Ecology	S	BZ 450 or F 311 or LAND 220/LIFE 220; SOCR 240	3	
_____	NR 423	Applications of Global Positioning Systems	F, S	NR 322 or NR 505	1	
_____	RS 312	Rangeland Plant ID Lab	F	Concurrent registration in RS 310	1	
_____	POLS 361	US Environmental Politics and Policy	F, S	POLS 101	3	
_____	HIST 355	American Environmental History	S	HIST 101 or HIST 150 or HIST 151 or HIST 171; completion of 45 credits	3	
_____	SOC 320	Population-Natural Resources and Environment	F	SOC 100 or SOC 105	3	
_____	FW 260	Principles of Wildlife Management	F, S	MATH 124; BZ 110 or LIFE 103	3	
_____	PHIL 345	Environmental Ethics	F, S	Sophomore standing or higher	3	