

# Arthur Temple College of Forestry and Agriculture Stephen F. Austin State University Forestry Curriculum

## Concentration Options

Fire Management Concentration		
ENVR 4320	Principles of Landscape Ecology	3
FORS 4338	Fire in Land Management	3
FORS 4343	Weather & Climate	3
FORS 4346	Fire Ecology	3
FORS 4348	Range Management	3
GISC 3390	GIS in Natural Resources	3
CHEM 1105	Intro to Chemistry I Lab	1
FORS 4350 or 4360	Forest Wildlife Hab. Mgmt or Internship	3
	**Approved Electives	13
<b>Total</b>		<b>35</b>

Forest Management Concentration		
	**Business Courses	6
FORS 2323	Surveying & Mapping	3
FORS 3317	Forest Biometrics II	3
FORS 4311	Timber Management	3
FORS 4327	Regional Silviculture	3
FORS 4328	Intensive Silviculture	3
FORS 4360 or 4163	Internship or Individual Study	3
FORS 4370	Forest Consulting	3
GISC 3390	GIS in Natural Resources	3
CHEM 1105	Intro to Chemistry I Lab	1
	**Approved Electives	4
<b>Total</b>		<b>35</b>

Human Dimensions in Natural Resources Concentration		
FORS 2352	Environmental Interpretation	3
FORS 2355	Vertebrate Natural History	3
FORS 3351	Mgmt of Outdoor Recreation Areas	3
FORS 4305	Environmental Communication	3
FORS 4351	Mgmt of Outdoor Recreation Areas II	3
FORS 4357	Environmental Attitudes & Issues	3
GISC 3390	GIS in Natural Resources	3
FORS 4360 or 4163	Internship/Individual Study	3
CHE 1105	Intro to Chemistry I Lab	1
	**Approved Electives	10
<b>Total</b>		<b>35</b>

Urban Forestry Concentration		
FORS 3304	Arboriculture	3
FORS 4304	Urban Forestry	3
FORS 4328	Intensive Silviculture	3
FORS 4351	Management of Outdoor Rec Areas II	3
FORS 4360	Internship	3
FORS 4366	Urban Wildlife Management	3
GISC 3390	GIS in Natural Resources	3
HORT 3221	Turfgrass Science I	3
HORT 3121	Turfgrass Science I Lab	3
HORT 3237	Landscape Plant I	3
HORT 3137	Landscape Plant I Lab	3
MGMT 3373	Human Resource Management	3
CHEM 1105	Intro to Chemistry I Lab	1
	**Approved Electives	4
<b>Total</b>		<b>35</b>

Agroforestry Concentration		
FORS 4338	Fire Use in Land Mgmt	3
FORS 4348	Range Mgmt	3
FORS 4365	Range Development & Evaluation	3
GISC 3390	GIS in Natural Resources	3
CHEM 1105	Intro to Chemistry I Lab	1
	12 hours from options listed below	12
	**Approved Electives	10
<b>Total</b>		<b>35</b>

6 hours required from:		
ANSC 2243	Beef Cattle Science	3
ANSC 2143	Beef Cattle Science Lab	3
AGBS 2361	Agricultural Economics	3
ANS 3336	Animal Nutrition	3
AGRI 4347	Forages	3

3 hours required from:		
FORS 4350	Forest Wildlife Habitat Management	3
FORS 4360	Internship	3

3 hours required from:		
FORS 4328	Intensive Silviculture	3
FORS 4327	Regional Silviculture	3
HORT 1231	Cultivating Plants	3
HORT 1131	Cultivating Plants Lab	3

Forest Wildlife Management Concentration		
FORS 2355	Vertebrate Natural History	3
FORS 3305	Wildlife Techniques	3
FORS 4306	Wildlife Population Ecology	3
FORS 4350	Wildlife Habitat Management	3
FORS 4375	GIS Applications in Wildlife Mgmt	3
FORS 4486	Mammalogy	4
BIOL 2371	Animal Form and Function	3
CHEM 1105	Intro to Chemistry I Lab	1
	**Approved Electives	3
	Wildlife Mgmt and Biology Electives	9
<b>Total</b>		<b>35</b>

Wildlife Mgmt Electives (3 hours required)		
FORS 4347	Predator Ecology	3
FORS 4354	Non-Game Wildlife Ecology	3
FORS 4355	Wetland Wildlife Management	3
FORS 4364	Contemporary Problems in Forestry	3
FORS 4366	Urban Wildlife Management	3
FORS 4341	Big Game Mgmt	3

Wildlife Biology Electives (6 hours required)		
ANSC 4276	Animal Reproductive Physiology	3
ANSC 4176	Animal Reproductive Physiology Lab	3
ANSC 3333	Animal Nutrition	3
BIOL 3453	Genetics	3
BIOL 3053	Genetics Lab	3
BIOL 3443	Comparative Vertebrate Anatomy	3
BIOL 3043	Comparative Vertebrate Anatomy Lab	3
BIOL 3331	General Entomology	3
BIOL 3031	General Entomology Lab	3
BIOL 4389	Evolution	3
BIOL 4386	Behavioral Ecology	3
BIOL 4444	Herpetology	3
BIOL 4044	Herpetology Lab	3
BIOL 4342	Ichthyology	3
BIOL 4042	Ichthyology Lab	3
FORS 4347	Predator Ecology	3
FOR 4354	Non-Game Wildlife Ecology	3
FORS 4364	Contemporary Problems in Forestry	3
BIOL 4448	Ornithology	3

# LUMBERJACKS