

Stephen F. Austin State University  
 Arthur Temple College of Forestry & Agriculture  
**Course Offering Chronology for a degree in Forestry**

Revised 01/24/2019

**Forestry Core**

<b><u>Course</u></b>	<b><u>Course Title</u></b>	<b><u>Semester(s) Offered</u></b>	<b><u>Prerequisites</u></b>
FOR 111	Careers and Competencies in Forestry (FORE 1301)	Fall and Spring	None
FOR 152	Introduction to Wildlife Management	Fall and Spring	None
FOR 205	Forest Biometrics	Fall and Spring	FOR 111
FOR 209	Forest Ecology (FORE 2309)	Fall and Spring	FOR 111
FOR 219	Dendrology (FORE 1314)	Fall and Spring	None
FOR 240	Wood Science	Spring ONLY	BIO 131 and CHE 111
FOR 251	Introduction to Recreation and HumanDimensions	Fall and Spring	None
FOR 313	Forest Insects and Diseases	Fall and Spring	FOR 209
FOR 337	Introduction to Fire Management	Fall and Spring	FOR 209
FOR 347	Silviculture	Fall and Spring	FOR 310
FOR 348	Natural Resource Policy	Fall and Spring	Junior or Senior Standing
FOR 349	Principles of Forest Soils	Fall and Spring	CHE 111
FOR 409	Forest Hydrology	Fall and Spring	FOR 349
FOR 435	Resource Economics	Summer II and Fall	Forestry Field Station
FOR 458	Forest Resource Management	Fall and Spring	FOR 347, 435, and GIS 390 or FOR 475
GIS 224	Introduction to Spatial Science	Fall and Spring	None

**Field Station**

<b><u>Course</u></b>	<b><u>Course Title</u></b>	<b><u>Semester(s) Offered</u></b>	<b><u>Prerequisites</u></b>
FOR 310	Field Silviculture	Summer I ONLY	FOR 111, 152, 205, 209, 219, 240, 251, and GIS 224
FOR 323	Land Measurement	Summer I ONLY	FOR 111, 152, 205, 209, 219, 240, 251, and GIS 224
FOR 325	Timber Cruising	Summer I ONLY	FOR 111, 152, 205, 209, 219, 240, 251, and GIS 224
FOR 329	Harvesting and Processing	Summer I ONLY	FOR 111, 152, 205, 209, 219, 240, 251, and GIS 224
FOR 335	Non-timber Resources Management	Summer I ONLY	FOR 111, 152, 205, 209, 219, 240, 251, and GIS 224
FOR 336	Field Wildlife Techniques	Summer I ONLY	FOR 111, 152, 205, 209, 219, 240, 251, and GIS 224

## Concentrations

### Forestry Management

<u>Course</u>	<u>Course Title</u>	<u>Semester(s) Offered</u>	<u>Prerequisites</u>
FOR 223	Surveying and Mapping	Spring ONLY	None
FOR 317	Forest Biometrics II	Fall ONLY - Odd years	FOR 205
FOR 411	Timber Management	Fall ONLY - Even years	FOR 205
FOR 427	Regional Silviculture	Fall ONLY	FOR 347
FOR 428	Intensive Silviculture	Spring ONLY - Odd years	Forestry Field Station
FOR 460 OR	Forest Internship	Any Semester	None
FOR 463	Special Problems	Fall and Spring	None
FOR 470	Forest Consulting	Spring ONLY - Odd years	Junior, Senior, or Graduate Standing
GIS 390	GIS in Natural Resources	Fall and Spring	GIS 224
BIO 131 L	Principles of Botany Lab	Any Semester	None
CHE 111L	Intro to Chemistry Lab	Any Semester	None
-----	Six (6) hours of Business Courses		Consult Advisor
-----	Three (3) hours Approved Electives		Consult Advisor

### Urban Forestry

<u>Course</u>	<u>Course Title</u>	<u>Semester(s) Offered</u>	<u>Prerequisites</u>
FOR 304	Arboriculture	Fall ONLY - Odd years	None
FOR 404	Urban Forestry	Spring ONLY - Even years	FOR 209, 304, 349
FOR 428	Intensive Silviculture	Spring ONLY - Odd years	Forestry Field Station
FOR 451	Management of Outdoor Recreation Areas	Fall ONLY	Junior or Senior Standing
FOR 460	Forest Internship	Any Semester	None
FOR 466	Urban Wildlife Management	Spring ONLY - Even years	FOR 152
GIS 390	GIS in Natural Resources	Fall and Spring	GIS 224
HRT 315	Turfgrass Management I	Fall ONLY - Odd years	None
HRT 324	Landscape Plant Materials I	Fall ONLY - Even years	Contact Agriculture
MGT 373	Human Resource Management	Any Semester	Junior, Senior, or Graduate Standing
BIO 131L	Principles of Botany Lab	Any Semester	None
CHE 111L	Intro to Chemistry Lab	Any Semester	None
-----	Three (3) hours of Approved Electives		Consult Advisor

## Human Dimensions in Natural Resources

<u>Course</u>	<u>Course Title</u>	<u>Semester(s) Offered</u>	<u>Prerequisites</u>
FOR 252	Environmental Interpretation Methods	Spring ONLY - Even years	None
FOR 255	Vertebrate Natural History	Fall and Spring	FOR 152
FOR 351	Introduction to Wildland Recreation Administration	Spring ONLY - Odd years	None
FOR 451	Management of Outdoor Recreation Areas	Fall ONLY	Junior or Senior Standing
FOR 457	Environmental Attitudes and Issues	Spring ONLY	None
FOR 460	Forest Internship	Any Semester	None
OR FOR 463	Special Problems	Fall and Spring	None
GIS 390	GIS in Natural Resources	Fall and Spring	GIS 224
FOR 405	Environmental Communication and Interpretation	Spring ONLY - Odd years	None
BIO 131L	Principles of Botany Lab	Any Semester	None
CHE 111L	Intro to Chemistry Lab	Any Semester	None
-----	Nine (9) hours of Approved Electives		Consult Advisor

## Agroforestry

<u>Course</u>	<u>Course Title</u>	<u>Semester(s) Offered</u>	<u>Prerequisites</u>
FOR 428	Intensive Silviculture	Spring ONLY - Odd years	Forestry Field Station
FOR 438	Fire Use in Land Management	Spring ONLY	FOR 337
FOR 448	Range Management	Spring ONLY	None
FOR 255	Vertebrate Natural History	Fall and Spring	FOR 152
FOR 465	Range Development and Evaluation	Spring ONLY - Odd years	None
GIS 390	GIS in Natural Resources	Fall and Spring	GIS 224
ANS 243	Beef Cattle Science	Spring ONLY	None
ANS 333	Animal Nutrition	Fall and Spring	Contact Agriculture
AGN 462	Forages	Fall ONLY	None
BIO 131L	Principles of Botany Lab	Any Semester	None
CHE 111L	Intro to Chemistry Lab	Any Semester	None
-----	Wildlife Elective	Any Semester	See General Bulletin
-----	Six (6) hours of Approved Electives		Consult Advisor

### Fire Management

<u>Course</u>	<u>Course Title</u>	<u>Semester(s) Offered</u>	<u>Prerequisites</u>
FOR 255	Vertebrate Natural History	Fall and Spring	FOR 152
FOR 438	Fire Use in Land Management	Spring ONLY	FOR 337
FOR 443	Weather and Climate	Fall ONLY	None
FOR 446	Fire Ecology	Fall ONLY	None
FOR 448	Range Management	Spring ONLY	None
GIS 390	GIS in Natural Resources	Fall and Spring	GIS 224
ENV 420	Landscape Ecology and Planning	Spring ONLY	GIS 224 or AGM 325, BIO 313 or FOR/ENV 209
BIO 131L	Principles of Botany Lab	Any Semester	None
CHE 111L	Intro to Chemistry Lab	Any Semester	None
-----	Twelve (12) hours of Approved Electives		Consult Advisor

### Wildlife Management

<u>Course</u>	<u>Course Title</u>	<u>Semester(s) Offered</u>	<u>Prerequisites</u>
FOR 255	Vertebrate Natural History	Fall and Spring	FOR 152
FOR 305	Wildlife Techniques	Spring ONLY	FOR 152 and FOR 255
FOR 406	Wildlife Population Ecology	Spring ONLY	FOR 205 and FOR 255
FOR 450	Forest Wildlife Habitat Management	Fall ONLY	FOR 219, 255, 347
FOR 475	GIS Applications in Wildlife Management	Fall ONLY	GIS 224
FOR 486	Mammalogy	Fall ONLY	BIO 133
BIO 133	Principles of Zoology	Any Semester	None
BIO 433	Ornithology	Spring ONLY	BIO 133
BIO 131L	Principles of Botany Lab	Any Semester	None
CHE 111L	Intro to Chemistry Lab	Any Semester	None

### Wildlife Electives Options

FOR 441	Big Game Management	Spring ONLY - Every other Odd Year (2019)	FOR 255
FOR 447	Predator Ecology	Spring ONLY - Every other Odd Year (2017)	BIO 133 or FOR 255
FOR 454	Non-game Wildlife Ecology	Fall ONLY - Even years	FOR 255
FOR 455	Wetland Wildlife Management	Fall ONLY - Odd years	FOR 255
FOR 464	Wildlife Conservation	Spring ONLY - Odd years	FOR 255
FOR 464	Ecological Modeling	Spring ONLY - Even years	FOR 205
FOR 464	Wildlife Disease	Spring ONLY - Every other Odd Year ( )	None
FOR 464	Range Wildlife Ecology		None
FOR 464	Smokies Class	Summer ONLY	None
FOR 466	Urban Wildlife Management	Spring ONLY - Even years	FOR 152

**Wildlife Biology Electives Options**

FOR 447	Predator Ecology	Spring ONLY - Every other Odd Year	BIO 133 or FOR 255
FOR 454	Non-game Wildlife Ecology	Fall ONLY - Even years	FOR 255
FOR 464	Ecosystem Services	Fall ONLY	None
ANS 428	Animal Reproductive Physiology	Fall ONLY	Consult Advisor
ANS 333	Animal Nutrition	Fall and Spring	Contact Agriculture
BIO 341	Genetics	Fall and Spring	BIO 130, 131, 133 and CHE 133, 134
BIO 342	Comparative Vertebrate Zoology	Fall ONLY	BIO 133
BIO 343	Entomology	Fall ONLY - Odd years	BIO 131 and 133
BIO 370	Evolution	Fall and Spring	BIO 341
BIO 407	Behavioral Ecology	Fall ONLY	FOR 209 or BIO 313
BIO 437	Herpetology	Spring ONLY	BIO 133
BIO 438	Ichthyology	Spring ONLY - Even years	BIO 133

