

## B.S. Forestry

*This is not an official list of degree requirements. Adjustments may be required due to curriculum changes.*

### First Year

#### Fall

Course	Prerequisite	Credit
FW1050 – Natural Resource Professional ( <i>Essential Education: Seminar</i> )		2
FW2010 – Vegetation of North America		4
FW2051 – Field Techniques		2
MA1030 or MA1032 – College Algebra I or Precalculus ( <i>Essential Education: Math</i> )	Math Placement	3-4
UN 1015 Composition ( <i>Essential Education</i> )		3
<b>Total</b>		<b>14-15</b>

#### Spring

Course	Prerequisite	Credit
BL2160 – Botany		4
CH1150 – University Chemistry I ( <i>Essential Education: Science</i> )	Math Placement	3
CH1151 – University Chemistry I Lab	CH1150 (C)	1
MA1031 – College Algebra II or Free Elective (if math already completed) ( <i>Essential Education: Math</i> )	MA1030	3
<i>Essential Education: Foundations of the Human World</i>		3
<i>Essential Education: SHAPE</i>		3
<b>Total</b>		<b>17</b>

### Second Year

#### Fall

Course	Prerequisite	Credit
FW3020 – Forest Ecology	FW2010 (C), FW2051 (C)	3
FW3330 – Soil Science ( <i>Essential Education: STEM</i> )	CH1150/1151	4
MA2720 – Statistical Methods	MA1030 or MA1032	4
<i>Essential Education: Arts and Culture</i>		3
<i>Essential Education: Intercultural Competency</i>		3
<b>Total</b>		<b>17</b>

#### Spring

Course	Prerequisite	Credit
FW1035 – Wood Anatomy		3
FW3200 – Biometrics & Data Analysis	FW2051 & MA2720	4
FW3540 – Intro to GIS	MA2720 (C)	4
<i>Essential Education: Communication Intensive</i>		3
<i>Essential Education: Activities</i>		1
<b>Total</b>		<b>15</b>

### Third Year

#### Fall

Course (taken as block at Ford Center)	Prerequisite	Credit
FW3010 – Practice of Silviculture	FW2010 & FW2051	4
FW3150 – Timber Harvesting	FW2051	2
FW3170 – Land Measurements/GPS	FW3540	1
FW3190 – Multi-Resource Assessment	FW2051 & FW3020 & FW3200	3
FW3600 – Wildlife Habitat		3
FW3840 – Forest Health		3
<b>Total</b>		<b>16</b>

#### Spring

Course	Prerequisite	Credit
FW3110 – Natural Resource Policy		3
FW4080 – Forest Economics & Finance	FW4140 (C)	3
FW4120 – Tree Physiology		3
FW4140 – Stand & Forest Modeling	FW3540 & FW3010	2
FW4370 – Forest & Landscape Hydrology		3
<i>Essential Education: Experience</i>		3
<b>Total</b>		<b>17</b>

### Fourth Year

#### Fall

Course	Prerequisite	Credit
FW4150 – Forest Resource Mgmt	FW3010	3
FW4800 – Communications for Nat Res		2
FW4811 – Integrated Resources Data Collection (Capstone)	FW3190	2
Free Electives		4-5
<i>Essential Education: Activities</i>		1
<b>Total</b>		<b>12-13</b>

#### Spring

Course	Prerequisite	Credit
FW4830 – Integrated Nat Res Assessment (Capstone)	FW4811	2
Forestry Business Directed Elective		3
Free Electives		6
<i>Essential Education: Activities</i>		1
<b>Total</b>		<b>12</b>

<b>Business Directed Electives (choose 1)</b>		
<b>Course #</b>	<b>Course Title and Credits</b>	<b>Prereqs / Semester Offered</b>
ACC2000	Accounting Principles 1 (3)	None / Fall, Spring
AF3001	Leading People and Effective Communication 1 (3)	UN1015 and UN1025 / Fall
BUS2200	Business Law (3)	None / Fall, Spring
EC3300	Industrial Organization (3)	EC2001 and UN1015 and UN1025 / Fall
MGT2000	Team Dynamics (3)	Sophomore or higher / Fall, Spring
MGT3000	Organizational Behavior (3)	Sophomore or higher / Fall, Spring
MGT3100	Leadership Development (3)	Sophomore or higher / Fall
AR2001/AR2011/AR2002/AR2012	Army Leadership Sequence (6)	Fall/Spring/Fall/Spring

**NOTE:**

**Prerequisite courses:**

- The prerequisite course must be successfully completed PRIOR to taking the subsequent course. Concurrent Prerequisites ~ (C) ~ may be taken at the same time, although it is not necessary if the prerequisite course is completed first. Required Corequisite courses that MUST be taken together in the same semester. See your academic advisor for questions.

**Essential Education Requirements:**

- 24 total credits. Required courses are UN1015-Composition (3 credits), a Foundations in the Human World course (3 credits), a Communication Intensive course (3 credits), an Arts & Culture course (3 credits), an Intercultural Competency (3000+) course (3 credits), a SHAPE course (3 credits), an Essential Education Experience (3000+) course (3 credits), and 3 credits of Activities for Wellbeing and Success. Activities for Well-being and Success: Mainly physical education courses with some additions. Three credits are required for graduation. These credits will be included as earned hours and may be used to determine full-time enrollment status.