



## NATURAL RESOURCES-GEOSPATIAL

### Itasca Community College

**Degree:** Associate of Applied Science

**Length:** 64 semester credits

Itasca Community College's Natural Resources program, leading to the Associate of Applied Science Degree is accredited by the Society of American Foresters (SAF). The Council for Higher Education Accreditation recognizes SAF as the specialized accrediting body for forestry education in the United States.

The Geospatial program ensures students are prepared with a background in both forest management and the ability to effectively utilize technology common to natural resource field technicians. Agencies such as the United States Forest Service and Minnesota Department of Natural Resources seek graduates capable of integrating technological applications within routine, field based duties and the Geospatial emphasis of the Natural Resources program ensures that graduates have these basic skills. Employment outlook for graduates with geospatial skills is excellent and is expected to grow by over 40% by the year 2018 (U.S. Department of Labor).

<u>Fall Semester</u>				<u>Spring Semester</u>				
Biol	1131	Dendrology	3	* Engl	1101	Composition I	4	
ForT	1201	Intro to Natural Resources	1		ForT	1202	Natural Resources Careers	1
ForT	1205	Forestry Math	2	* ForT	1610	Intro to Surveying Methods	3	
ForT	1206	Forest Protection	2	* Geog	2107	Remote Sens & Image Interp.	3	
ForT	1301	Wildland Firefighting	3	* Spch	1101	or 1105 or 1111	3	
* ForT	1602	Forest Inventory	3					
* Geog	1204	Principles of GIS	3					
			17				14	
<u>Fall Semester</u>				<u>Spring Semester</u>				
* Biol	2131	Forest Ecology	4	Elect	2101	** Soc/Psyc/Econ/Hist/Geog	3	
* Engl	1105	Technical Research Writing	3	* ForT	2016	Silviculture	3	
* ForT	2105	Forest Products	2	* ForT	2107	Forest Mgmt & Planning	3	
* Geog	1201	Map Use/Analytical Interp.	3	* ForT	2112	Business Practices for NR	1	
Hlth	2101	CPR/First Aid (or Hlth 1131)	1	Geog	1206	Cartography	3	
NSci	1101	Environmental Science	3	* Geog	2104	Modeling Tech in GIS	3	
			16	Geog	2201	GIS Internship	1	
							17	

\*\*Students may choose from Psyc 1101, 2100 / Econ 2101, 2102 / Geog 1104, 1108 / Hist (World or U.S.) / Soc 1101, 2120

#### TRANSFER OPPORTUNITY

In addition to directly entering the workforce, Itasca's Natural Resources graduates can transfer their A.A.S. degree to the University of Minnesota/Crookston, University of Minnesota/St. Paul or the University of Wisconsin/Stevens Point. For more information, stop by the Counseling Office or call 322-2320.