



Natural Resources *Forest Resources*

Itasca Community College

Degree: Associate in Applied Science

Length: 64 credits

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.

Program Information: The Natural Resources-Forestry program provides graduates with an integrated combination of forest management and computer skills. These skills, along with selected General Education courses, prepare graduates for employment in a variety of natural resource career areas. Employment opportunities exist with federal, state, county, and private land management organizations.

I. GENERAL EDUCATION (16 CREDITS) ***(selected from the Minnesota Transfer Curriculum)***

A. Communications			10 cr.
Engl	1101	Expository Writing	4 cr.
Engl	1105	Technical Writing	3 cr.
	AND One of the following:		
Spch	1101	Intro to Speech Communication	3 cr.
Spch	1105	Fundamentals of Public Spkg.	3 cr.
Spch	1111	Interpersonal Communication	3 cr.
B. History and Social Behavioral Science			3 cr.
Psyc	2100	Group Processes	3 cr.
C. Natural Science			3 cr.
NSci	1101	Environmental Science	3cr.

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FOREST RESOURCES PROGRAM

			<u>Credits</u>
Biol	1131	Plant Taxonomy	3
Biol	2131	Forest Ecology	4
ForT	1202	Natural Resource Careers	1
ForT	1206	Forest Protection	2
ForT	2101	Silviculture	4
ForT	2102	Forest Inventory	4
ForT	2105	Forest Products	2
ForT	2107	Timber Harvesting	3
ForT	2112	Business Practices for Natural Resources Managers	1
Geog	1204	Principles of Geographic Information Science	3
Geog	2107	Remote Sensing/Image Analysis	3
ForT	1208	Intro to Soils/Waters (Blk 1)	2
Engr	1201	Intro Surveying Methods	3
ForT	1398	Wildland Firefighting	2
NSci	1131	Principals of Wildlife Management	3
ForT	2121	Ecosystem Management	2
ForT	2201	Nat. Resource Internship	3
Hlth	2101	CPR/First Aid	1
NSci	1101	Environmental Science	3

COURSE SEQUENCE

FIRST YEAR

<i><u>Fall Semester</u></i>				<i><u>Spring Semester</u></i>			
Biol	1131	Plant Taxonomy	3	ForT	1202	Natural Resources Careers	1
Engl	1101	Expository Writing	4	Engr	1201	Intro Surveying Methods	3
ForT	1205	Frst Math/IntroComp (***)	2	ForT	1398	Wildland Firefighting	2
ForT	1206	Forest Protection (Blk 2)	2	Geog	1204	Principles of GIS	3
ForT	1208	Intro to Soils/Waters (Blk 1)	2	Hlth	2101	Safety (First Aid)	1
ForT	2102	Forest Inventory	4	NSci	1101	Environmental Science	3
				NSci	1131	Principles of Wildlife Mgmt	3
Totals:			15/17				16

SECOND YEAR

<i><u>Fall Semester</u></i>				<i><u>Spring Semester</u></i>			
Biol	2131	Forest Ecology	4	ForT	2101	Silviculture	4
Engl	1105	Technical Writing	3	ForT	2107	Timber Harvesting	3
ForT	2105	Forest Products	2	ForT	2112	Business Practices for NR	1
Geog	2107	Remote Sens/ImagAnal	3	ForT	2121	Ecosystem Mgmt.	2
Spch	1101,1105 or 1111		3	ForT	2201	Nat. Resource Intrnshp.	3
				Fort/NSci	Elective		2
				Psyc	2100	Group Processes	3
Totals:			15				16/18

***Based on placement test scores, students may demonstrate proficiency in these areas and use the credits for electives.