



Natural Resources *Forestry*

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 now transfer their A.A.S. degree to the University of Minnesota/Crookston and complete their Bachelor of Science in Environmental and Natural Resource Management. 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 Comm.	3 cr
Spch	1105	Fundamentals of Public Speaking	3 cr
Spch	1111	Interpersonal Communication	3 cr
B. Natural Science or Mathematics			3 cr
NSci	1101	Environmental Science	3 cr.
C. History & the Social/Behavioral Sciences Elective			3 cr
Psyc	2100	Group Processes	3 cr
TOTAL GENERAL EDUCATION CREDITS			16 cr.

(OVER)

NATURAL RESOURCES PROGRAM (48 cr.)

				Credits
Biol	1131	Plant Taxonomy		3
Biol	2131	Forest Ecology		4
CSci	1210	Intro to Computers for Forestry		2
Engr	1201	Introduction to Surveying Methods		3
ForT	1202	Natural Resource Careers		1
ForT	1205	Forestry Math		2
ForT	1206	Forest Protection		2
ForT	1208	Soils & Water		2
ForT	1211	Spreadsheet Applications in Nat. Resources		2
ForT	1398	Wildland Firefighter Training		2
ForT	2101	Silviculture		4
ForT	2102	Forest Inventory		4
ForT	2105	Forest Products		3
ForT	2107	Timber Harvesting		3
ForT	2121	Ecosystem Management		2
ForT	2201	Natural Resources Internship		3
Geog	1204	Principles of Geographic Information Science		3
NSci	1131	Principles of Wildlife Management		3

COURSE SEQUENCE

FIRST YEAR

<u>Fall Semester</u>				<u>Spring Semester</u>					
	Biol	1131	Plant Taxonomy	3	ForT	1202	Natural Resources Careers	1	
+	Geog	1204	Principles of Geo Info Sci	3	ForT	1206	Forest Protection	2	
	OR				ForT	1211	Sprdsh. Appls. in Nat. Res	2	
+	CSci	1210	Intro to Com for Forest.	2	ForT	2102	Forest Inventory	4	
	Engl	1101	Expository Writing	4	ForT	1398	Wldlnd. Firefighter Trng	2	
	Engr	1201	Intro to Surv. Methods	3	+	Geog	1204	Prncples of Geo Info Sci	3
	ForT	1208	Soils & Water	2		OR			
	ForT	1205	Forest Math	2	+	ForT/Nat Sci	Elective or Geog 2101	2/3	
					NSci	1131	Princ. of Wildlife Mgmt	3	
	Totals:			16/17				16/17	

SECOND YEAR

<u>Fall Semester</u>				<u>Spring Semester</u>				
	Biol	2131	Forest Ecology	4	ForT	2105	Forest Products	3
	Engl	1105	Technical Writing	3	ForT	2107	Timber Harvesting	3
	ForT	2101	Silviculture	4	ForT	2121	Ecosystem Mgmt.	2
**	Spch	1101,1105 or 1111		3	ForT	2201	Nat. Resource Intrnshp.	3
	Hlth	2101	CPR/First Aid	1	NSci	1101	Environmental Science	3
					*	Psyc	2100 Group Processes	OR 3
					*	Soc	1101 Intro to Soc	3
	Totals:			15				17

+ Students with strong computer skills may choose to take Geog 1204 (Prncples of Geo Info Sci) Fall Semester. Choosing this option allows you to take either Geog 2101 (Data Acq & Dbase Dvlp), Geog 1206 (Cartography) or another suitable Natural Science / Forestry Elective. Students taking CSci 1210 (Intro to Comp. Fort) Fall Semester take Geog 1204 (Prncpls of Geo Info Sci) Spring Semester.

* Soc 1101 recommended for students transferring to Stevens Point or Crookston.

** Spch 1101 or 1105 recommended for students transferring to Stevens Point or Crookston.