

**ITASCA
COMMUNITY
COLLEGE**

**UNIVERSITY OF MINNESOTA
COLLEGE OF NATURAL RESOURCES**

Forest Resources Major

The Forest Resources curriculum prepares students to plan, implement, and research the management, protection, and sustainable use of forest and related resources, including timber, water, wildlife, recreation, and aesthetic resources. The curriculum provides a unique integration of the physical, biological, and social sciences with managerial sciences and policy, field skill development, and technologies for measuring and monitoring natural resources. Students are also trained in problem solving approaches to address specific local, regional, and global issues. Students select one of three specializations or tracks: 1) forest management and planning, 2) forest conservation and ecosystem management, and 3) urban and community forestry.

Students may take the following 2 year curriculum at ICC courses to fulfill major and general education requirements (MnTC):

Fall				Spring			
ENGL	1101	Expository Writing	4	MATH	1122	Calculus I	4
BIOL	1201	General Biology	4	NSCI	1131	Wildlife Mgmt	3
BIOL	1131	Plant Taxonomy	3			Humanities Ged Ed	3
GEOG	1204	Principles of GIS	3	GEOG	2104	Mod. Tech GIS	3
ECON	2101	Macro Econ	3	ENGL	1113	Research Writ	3
Fall				Spring			
BIOL	2131	Forest Ecology	4	CHEM	1202	Gen. Chem II	4
CHEM	1201	General Chem I	4	MATH	1105	Statistics	4
SOC	1101	Intro to Soc	3	ECON	2102	Micro Econ	3
		Humanities Gen Ed	3			Humanities Gen Ed	3
SPCH	1105	Fund Pub Speaking	3				

Additional courses for Forest Management and Planning

Fort 2105 = BBE 1002

Fort 2106 or Fort 2121 = FR 3612

Nsci 1121 = Geo 1001

Phys 1101 or 1201 = Phy 1101

Additional courses for Forest Conservation/Ecosystem Management

Nsci 1121 = Geo 1001

Nsci 1131 = FW 2001

Additional courses for Urban and Community Forestry

Pols 1101 = Pol 1001

Soc 1101 = Soc 1001

Additional Courses available count as transferable electives **with no equivalent:**

Fort 1201 Fort 1208 Fort 2101

Fort 1202 Fort 1312 Fort 2102

Fort 2106 Fort 1314

Recreation Resource Management Major

Students pursuing the Recreation Resource Management major should follow the same curriculum outlined above. The Recreation Resource Management program prepares students to plan and manage natural and non-urban recreational land and water, as well as manage the people and organizations that depend on these important resources. The curriculum emphasizes natural and managed non-urban areas; natural resources-oriented recreation programs in public and private sectors; social science aspects of natural resources use; and skills in communication, planning, and management.

Information About Programs

For information about transferring, contact ICC transfer specialist Rick Mikesh, who can answer questions and help with course selection. Transfer specialist contact information can be found at www.itascacc.edu. Students are also encouraged to make the above U of M contact and then visit the Department of Forest Resources website at www.forestry.umn.edu. You may also contact the Department of Forest Resources directly at frweb@umn.edu or 612.624.3400 to work with a major specific transfer advisor in the department. Our goal is to provide individualized assistance to answer the numerous questions that come up in transferring.

Students are encouraged to complete the Minnesota Transfer Curriculum. This 40 credit curriculum enables a student to receive credit for all lower-division general education upon admission to the University of Minnesota. This curriculum is also satisfied through completion of the Associate of Arts degree. However, as part of that curriculum and or the AA degree, the ICC Forestry and related courses noted below can speed the completion of University's Forest Resources and Recreation Resources requirements for the B.S. degree