NATURAL RESOURCES-GEOSPATIAL
Itasca Community College

Degree: Associate of Applied Science
Length: 64 semester credits

The Natural Resources program provides students with the knowledge and skills to be proficient in the technical aspects of management and protection of forest resources. Graduates will successfully perform as natural resource technicians using a science based approach, with an understanding of social, economic, and environmental issues within the natural resources field.

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 emphasis 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).

** Fall Semester**
- 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 1212 Forest Inventory 4
  * Geog 1204 Principles of GIS 3

18

** Spring Semester**
- Biol 2131 Forest Ecology 4 Goal 5
- 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 Basic Life Supt (or Hlth 1131) 1 Geog 1206 Cartography 3
- NSci 1101 Environmental Science 3 * Geog 2104 Modeling Tech in GIS 3
  * Geog 2201 GIS Internship 1

16

Note: Students must meet with their advisor/counselor prior to registering.
* Courses may have prerequisites or require placement.
** Students may choose from Psyc 1010***, 1101, 1410, 2100/Econ 2101, 2102/Geog 1104, 1108
  Hist (World or U.S.)/Soc 1101, 2120
*** Psyc 1010 is offered through Hibbing Community College in partnership with Itasca Community College

TRANSFER OPPORTUNITY
In addition to directly entering the workforce, Itasca’s Natural Resources graduates can transfer their AAS degree to the University of Minnesota/Crookston, University of Minnesota/St. Paul or the University of Wisconsin/Stevens Point. For more information regarding transfer, please visit the Student Services office or call 218-322-2320 to schedule an appointment.

Itasca Community College is committed to a policy of nondiscrimination in employment and education opportunity. No person shall be discriminated against in the terms and conditions of employment, personnel practices, or access to and participation in, programs, services, and activities with regard to race, sex, color, creed, religion, age, national origin, disability, marital status, status with regard to public assistance, sexual orientation, gender identity, gender expression or membership or activity in a local commission as defined by law. This information is available in alternative format upon advance request by contacting Ann Vidovic, 14 Backes Student Center, ann.vidovic@itascacc.edu, 218-322-2433 or 1-800-996-6422 ext. 2433. This document is available in alternative formats to individuals with disabilities. Consumers with hearing or speech disabilities may contact us via their preferred Telecommunications Relay Service. 02/2016