

NATURAL RESOURCES TECHNOLOGY, ASSOCIATE

Program Description

The natural resources technology program stresses the acquisition of field skills necessary for success in a natural resources agency or organization, as well as the theoretical foundations for these skills. This practical knowledge is enriched by course materials which emphasize communication skills along with the links between society, economics, policy and the natural resource base. This program can be taken as a stand alone two-year program, can constitute the first half of the bachelor of science in parks and recreation management, or it can be used in conjunction with a three-year criminal justice program to prepare a student for a career in conservation law.

All natural resource technology students are strongly encouraged to participate in at least one summer of work or volunteer experience in the natural resource field to gain the professional experience and contacts they will need to begin their careers.

Continuing education to bachelor's degree program – The high degree of competition in the natural resource field makes the pursuit of a bachelor's degree highly desirable. Programs which join well with the NRT degree are the parks and recreation management degree, the fisheries & wildlife degree and the 2+3 criminal justice degree programs or the conservation biology major. These programs lead to careers such as conservation officer, park naturalist, expedition leader, guide or recreation specialist.

Program Learning Outcomes

- **Knowledge** – NRT Graduates have working knowledge of basic tenets of natural resource management.
- **Skills** – NRT Graduates are able to demonstrate competency in skills necessary to collect natural resource information.

Degree Requirements

Code	Title	Hours
Core Requirements		
BIOL 132	General Biology: Organisms	4
NRES 203	Fund of Natural Resources	3
EVRN 131	Introduction to GIS and GPS	3
MATH 111	College Algebra	3
NSCI 103	Environmental Science	3
NSCI 104	Environmental Science Lab	1
RECS 101	Int Recreation/Leisure Service	3
GEOL 121	Physical Geology	4
or NSCI 102	Gr Lakes Region: Geology & Res	
CHEM 108 & CHEM 109	Applied Chemistry and Applied Chemistry Lab	4-5
or CHEM 115	General Chemistry I	
Resource Management		
Select nine credits from the following:		9
NRES 230	Introduction to Soil Science	
NRES 284	Principles Forest Conservation	
NRES 286	Principles of Watersheds	
NRES 287	Conservation Biology	

NRES 345	Limnology	
EVRN 311	Environmental Law	
EVRN 315	Human Impacts on Environment	
GEOL 122	Historical Geology	
GEOL 223	Earth Materials	
GEOL 322	Geochemical Systems	
GEOL 334	Hydrologic Sys: Sur/Grd Water	
RECS 362	Land Mgmt Recreation Purposes	
Skills/Certification		
Select nine credits from the following:		9
NRES 107	Fld Bio Fish Wildlife Ecol/Iden	
BIOL 202	Plant Science: Ident/Diversity	
BIOL 280	Biostatistics	
NRES 310	Ichthyology	
NRES 311	Mammalogy	
NRES 312	Ornithology	
EVRN 225	Intermediate GIS	
EVRN 317	Environmental Health Apps	
EVRN 389	Environmental Research Methods	
FIRE 102	Wildland/Rural Fire Control	
GEOL 308	Structural Geology Systems	
GEOL 315	Geoenvironmental Systems	
GEOL 380	Introduction to Field Geology	
GEOL 431	Geophysical Systems	
EMED 188	Wilderness First Responder	2-3
or EMED 189	Medical First Responder	
Free Electives		
Total Hours		48-50

General Education: All LSSU Associate's degree candidates must complete the LSSU General Education Requirements.

A minimum of 62 credits (at the 100 level or higher) must be earned for graduation with a cumulative gpa of 2.00 or higher. A gpa of 2.00 or higher is also required in your Major, as well as in your General Education Requirements.