

# Natural Resources Management

## Semester Course Outline • 2024 – 2025

20 Months (4 Semesters, 1 Summer Session) • Revised: 5/23/24

Associate of Applied Science (A.A.S.) Degree • Credits Required for Graduation: 71

\* Optional exit point for Diploma • 11 Months (2 Semesters, 1 Summer Session)

Credits Required: 38



### Fall Semester

Course Number	Course Title	Clock Hours	Credits
NRM 100	Water Quality	84	3
NRM 105	Biological Principles	56	2
NRM 110	Instrumentation	28	1
NRM 115	Environmental Studies and Botany	90	4
NRM 120	Regulatory Compliance I	30	2
NRM 125	Introduction to Wildlife Fisheries	28	1
• Selected Communications Course (Choose one) CMST 101 – Foundations of Communication * (CSS 100 – Career Search Strategies .5 credit) COMM 101 – Communications and Career Strategies ENGL 101 – Composition * (CSS 100 – Career Search Strategies .5 credit)		45	3
<b>Total</b>		361	16
<b>Optional Course Available</b>			
CHEM 106 CHEM 106L	Inorganic Chemistry Lecture Inorganic Chemistry Lab	90	4

### Spring Semester

Course Number	Course Title	Clock Hours	Credits
NRM 130	Soil Science	84	3
NRM 135	Environmental Analysis	84	3
NRM 140	Water and Wastewater Technology	84	3
NRM 145	Regulatory Compliance II	28	1
NRM 150	Parks and Habitat I	84	3
AED 100	Automated External Defibrillator	14	.5
HAZ 100	Hazardous Materials Safety	14	.5
• Selected Mathematics Course (Choose one) MATH 100 – Applied General Math MATH 101 – Intermediate Algebra MATH 114 – College Algebra *		45	3
<b>Total</b>		437	17

### Summer Session

Course Number	Course Title	Clock Hours	Credits
NRM 155	Internship I	300	5
<b>Total</b>		300	5

\* **Exit point for Diploma Option:** An exit point is intended for those students who do not pursue the Associate of Applied Science (A.A.S.) Degree. These students will receive a diploma.



**Second Year – Fall Semester**

Course Number	Course Title	Clock Hours	Credits
NRM 200	Ecology	84	3
NRM 205	Geography	112	4
NRM 210	Permits and Grant Writing	28	1
NRM 215	Parks and Habitat II	84	3
NRM 220	Introduction to Wildlife and Fishery Laws and Policies	45	3
<ul style="list-style-type: none"> <li>Selected Behavioral Science Course (Choose one)</li> <li>PSYC 100 – Psychology of Human Relations</li> <li>PSYC 101 – General Psychology *</li> </ul>		45	3
<b>Total</b>		398	17

**Second Year – Spring Semester**

Course Number	Course Title	Clock Hours	Credits
NRM 225	Statistics	28	1
NRM 230	Environmental Health	84	3
NRM 235	Internship II	180	3
NRM 240	Capstone Project	56	2
CSC 100	Computer Concepts	15	1
<ul style="list-style-type: none"> <li>Selected Communications Course (Choose one)</li> <li>CMST 101 – Foundations of Communication * (CSS 100 – Career Search Strategies .5 credit)</li> <li>COMM 101 – Communications and Career Strategies</li> <li>ENGL 101 – Composition * (CSS 100 – Career Search Strategies .5 credit)</li> </ul>		45	3
<ul style="list-style-type: none"> <li>Selected Social Science Course (Choose one)</li> <li>ECON 105 – Leadership in the Global Workplace</li> <li>ECON 201 – Principles of Microeconomics I *</li> <li>ECON 202 – Principles of Macroeconomics II *</li> <li>SOC 100 – Introduction to Sociology *</li> </ul>		45	3
<b>Total</b>		453	16

- Students will select a course in each of the areas listed to meet general education requirements. Courses marked with an asterisk (\*) can be transferred directly to the university system and may be substituted for recommended courses on the outline. Students should speak with an advisor before doing so.

Students who select to take transferable communications course CMST 101 or ENGL 101, must also register for CSS 100 – Career Search Strategies for .5 credit. This curriculum is required for all Lake Area Tech graduates and is included in the COMM 101 course but is separate from the university system.