GREEN RIVER COLLEGE
ASSOCIATE IN APPLIED SCIENCE
NATURAL RESOURCES-FORESTRY

110 Credits

This degree program prepares graduates to work in a variety of outdoor careers. The growing awareness of water quality, wetland protection, reforestation, and environmentally sensitive timber harvest requires the services of technicians with a broad knowledge base. People who are trained to measure and sample the forest, its wildlife, streams and wetlands will enhance their employment opportunities. Wildlife biologists and professional foresters need technicians to efficiently produce accurate data. Park managers need knowledgeable personnel to perform maintenance duties and interpret wildland ecology for the public. Wildland firefighters are needed with current certificates of knowledge and skills.

Students may enter the Natural Resources program in any quarter, however many Natural Resources courses are only offered one time each year. Correct sequencing is important! For best results, students should enter these career-technical programs at the beginning of summer or fall quarter.

Natural Resources with emphasis in Forestry and specialties in Natural Resources-Geographic Information System Option, Park Management, Water Quality and Wildland Fire.

All courses apply to the Associate in Arts degree as elective courses and may be transferable to a four year natural resources program.

Completion of high school algebra and trigonometry courses or equivalent is recommended before beginning this program.

Students can also earn an Associate in Pre-Professional degree in natural resources.

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Dept./No.	Course Title	Credits
General Education Classes		
CMST& 220	Public Speaking	5
#ENGL& 101	English Composition	5
ENGL 128	Research Writing: Science/Engineering/Business	5
P E 113	Group Dynamics Activities	1
Natural Resources Classes		
First Year Classes		
NATRS 100	Introduction to Natural Resources	5
NATRS 114	Chainsaw Operation and Maintenance	1
#NATRS 172	Computer Applications Overview	4
#NATRS 180	Natural Resources Measurement	6
NATRS 182	Aerial Photos, GIS, and Forest Navigation	8
NATRS 184	Tree, Shrub and Wildflower Identification	8
NATRS 205	Wildland Recreation	4
NATRS 270	Stream and Wetland Ecology	5
NATRS 290	Internship Seminar	1

Second Year Classes

NATRS 161	Wildlife Habitat Management	4
NATRS 192	GIS for Natural Resources	5
NATRS 210	Introduction to Soils	5
NATRS 284	Road and Trail Engineering	7
NATRS 286	Natural Resources Business Principles	5
NATRS 292	Resource Sampling and Appraisal of Forest Conditions	8
NATRS 293	Silvicultural Analysis and Forest Protection	4

Capstone

*NATRS 277-280	Natural Resources Internship 1-4	14

To enhance the student's preparation for future employment, the following are recommended:

AVIA 123	Aviation Weather	5
ENGR 106	Introduction to Engineering Problems	3
GEOL 117	Natural Disasters w/Lab	5
HL ED 190	Standard First Aid/CPR	3
NATRS 130	Wildland Firefighter Training	4
NATRS 131	Advanced Wildland Firefighter Training	6
NATRS 261	GIS Tool Applications	5
NATRS 262	GIS in the Field	5
NATRS 263	Cartography	5
NATRS 198-199	Independent Study-Natural Resources 1-2	1-5
NATRS 297-299	Independent Study-Natural Resources 4-6	1-5

Satisfies related instruction requirements

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* Complete NATRS 277-280 in summer quarter.