

Natural Resources Associate in Pre-Professional Degree 95 Credits

The pre-professional degree prepares students to transfer to a college or university program as juniors in several Natural Resources areas. By developing academic skills in mathematics, science, English, humanities, and natural resource courses, the student can transfer directly into a professional program such as natural resources management, forest engineering, or wildlife biology. Selected natural resource courses will transfer to these four-year programs.

While this program of study is designed to transfer to most four-year professional programs in Natural Resources or closely related fields, you should consult the catalog of the school to which you plan to transfer. The university catalog requirements will provide the guidance for substitutions and be approved by the Natural Resources instructor/advisor. Some professional schools require a foreign language.

Contact: Dick Hopkins, ext. 4509
dhopkins@greenriver.edu

Rob Sjogren, ext. 4582
rsjogren@greenriver.edu

Dept./No.	Course Title	Credits
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A minimum of 95 credits must be earned from the following categories:

Natural Resources core classes:

GIS 291	GIS Project Planning	2
Natrs 100	Introduction to Natural Resources	5
Natrs 172	Computer Applications Overview	4
Natrs 180	Natural Resources Measurements	7
Natrs 181	Forest Navigation and Mapping	8
Natrs 182	Aerial Photo Interpretation	5
Natrs 183	Tree and Shrub Identification	5
Natrs 210	Introduction to Soils	5

Mathematics—minimum of 10 credits from the following: 10

Math& 141	Precalculus 1	(5)
Math& 142	Precalculus 2	(5)
Math& 151	Calculus I	(5)
Math& 152	Calculus II	(5)
Math 256	Statistics for Business and Social Science	(5)

English—required:

Engl& 101	English Composition I	5
Engl 128	Research Writing: Science/Engineering/Business	5

Science—minimum of 10 credits from the following: 10

Biol& 211	Majors Cellular	(6)
Biol& 212	Majors Animal	(6)
Biol& 213	Majors Plant	(6)

Chem& 121	Introduction to Chemistry	(5)	
Chem& 131	Introduction to Organic Chemistry and Biochemistry	(5)	
Phys 105	Concepts of the Physical World	(5)	
Humanities—required:			
Cmst& 220	Public Speaking		5
Social Science—minimum of 10 credits from:			
Econ& 201	Microeconomics	(5)	10
Econ& 202	Macroeconomics	(5)	
Soc& 101	Introduction to Sociology	(5)	
Geog 120	Introduction to Physical	(5)	
Wellness:			
P E 113	Group Dynamics (taken concurrently with Natrs 181)		1
Electives—minimum of 8 credits from:			
Any of the above-listed classes			8
Any Natural Resources course			
Any General Engineering course			
Any GRCC course that is required by the university of 100-level or higher			