

Natural Resources

The following matrix indicates those courses deemed transferable among institutions listed across the top of the matrix. The numbers on the matrix represent the number of semester hours associated with the course at each institution and which institutions have agreed to transfer the commonly numbered course in each row.

You can view the group leaders at the bottom of the page. If you are interested in printing this page, please note that it is best to print in landscape mode.

Environmental Technology

Prefix	Number	Gerta	Course Title	DCB
ENVT	105		Introduction to Surveying	1
ENVT	110		Introduction to Geographic Positioning Systems	2
ENVT	115		Geographic Information Systems	4
ENVT	270		Water Resource Management	4

ENVT 105 Introduction to Surveying

Basic methods in the use of surveying instruments for obtaining field data, valid measurements and methods of recording data.

ENVT 110 Introduction to Geographic Positioning Systems

An overview of geographic positioning systems (GPS) including theory, implementation and operations of GPS data gathering systems.

ENVT 115 Geographic Information Systems

Topics include data structures and basic functions, methods of data capture and sources of data, and the nature and characteristics of spatial data. Emphasis is on the use of Arcview GIS software.

ENVT 270 Water Resource Management

Designed to help students integrate the complex, interdisciplinary aspects of the biological, chemical, and physical

sciences into a holistic approach to managing water resources.

Water Technology

Prefix	Number	Gerta	Course Title	DCB
WATR	120		Mechanical Maintenance	3
WATR	140		Irrigation, Installation and Maintenance	1

WATR 120 Mechanical Maintenance

An introduction to the selection, operation, maintenance and repair of mechanical equipment in water and wastewater systems. Equipment includes centrifugal and positive displacement pumps, blowers, air compressors, motors, dry and liquid chemical feed equipment.

WATR 140 Irrigation, Installation and Maintenance

Designed to give students a working knowledge of installing and repairing irrigation systems.

The following individuals are leaders for this discipline. Those marked with an asterisk (*) are chairs.

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