



low impact development

CONSERVATION

The Low Impact Development Program of Study (POS) is designed to prepare students interested in sustainable development and natural resource management with the technical skills to serve as specialists in the analysis of land and in the preparation of LID recommendations. Graduates will be prepared for a growing number of careers in the public and private sector that require an understanding of geospatial technology, drafting, and the principles and practices of LID. The POS requires a multidisciplinary core of coursework including the study of land planning software programs, soils, site analysis, hydrology, geospatial technology, and environmental regulations. Students wishing to pursue the LID POS should have an interest in the outdoors, technology, planning, natural resource conservation, and in working with the public and professionals from many fields.

Students successfully completing the LID POS will be able to develop and utilize plans for site development, storm and gray

water treatment, and landscape restoration projects.

Graduates will be able to successfully serve as liaisons between landscape architects and engineers and the construction companies implementing designs. Graduates will also be well versed in local and regional permitting issues and environmental concerns present and future.

Note: There is also a **certificate** offered which requires less hours of study. (See current catalog.)



For more information, contact 828.627.4560 or visit the Natural Resources website at <http://naturalresources.haywood.edu> on the Internet.



Low Impact Development CURRENT CURRICULUM

FIRSTYEAR

Fall Semester 1

CIS 110	Introduction to Computers
ENG 111	Expository Writing
COM 120	Intro to Interpersonal Com
HOR 160	Plant Materials I
BIO 140	Environmental Biology
BIO 140A	Environmental Biology Lab

Spring Semester 1

ENV 110	Environmental Science
HOR 260	Plant Materials 2
DFT 151	CAD I
LAR 120	Sustainable Development
MAT 120	Geometry and Trig
ENV 228	Environmental Issues

Summer Semester 1

COE 111	Work Experience I
FOR 173	Soils and Hydrology
FOR 215	Intro to GIS/GPS
MAT 140	Survey of Mathematics

SECONDYEAR

Fall Semester 2

HOR 112	Landscape Design I
LID 111	Design Principles of LID
LID 112	Practical Applications of LID
DFT 152	CAD 2
CST 231	Soils and Site Work

Spring Semester 2

LID 230	Remediation of Impacted Sites
LID 240	Design for Sustainable Development
GIS 231	Geo Pos Sys Methods
Social & Behavioral Science ¹	
Humanities/Fine Arts ¹	

¹Suggested Social & Behavioral Science
SOC 254 Rural and Urban Sociology;

Suggested Humanities/Fine Arts HUM 115
Critical Thinking or PHI 230 Intro to Logic