

# Natural Resources & Environmental Science



## College of Agriculture, Food & Environment

N6 Agricultural Science Center Contact: Wayne Centers - [dsr@uky.edu](mailto:dsr@uky.edu)

The Natural Resources and Environmental Science (NRES) major is an interdisciplinary program that provides the knowledge, skills, and field experiences necessary for a career in environmental science, natural resource management, environmental consulting and other environmental work.

**Total Hours Required for Degree: 120 - 127**

### Freshman Year Credit Hours: 30

FALL SEMESTER	14	SPRING SEMESTER	16
<a href="#">GEN 100</a>   GEN 100 - ISSUES IN AGRICULTURE, FOOD AND ENVIRONMENT	3	<a href="#">MA 123</a>   MA 123 - ELEMENTARY CALCULUS AND ITS APPLICATIONS	4
<a href="#">UK Core - Comp. &amp; Comm. I</a>	3	<a href="#">UK Core - Comp. &amp; Comm. II</a>	3
<a href="#">CHE 105</a>   CHE 105 - GENERAL COLLEGE CHEMISTRY I	4	<a href="#">UK Core - Global Dynamics</a>	3
<a href="#">CHE 111</a>   CHE 111 - GENERAL CHEMISTRY I LABORATORY	1	<a href="#">UK Core - Humanities</a>	3
<a href="#">UK Core - Arts and Creativity</a>	3	<a href="#">UK Core - Social Sciences</a>	3

### Sophomore Year Credit Hours: 32

FALL SEMESTER	15	SPRING SEMESTER	14
<a href="#">ECO 201</a>   ECO 201 - PRINCIPLES OF ECONOMICS I	3	<a href="#">EES 220</a>   EES 220 - PRINCIPLES OF PHYSICAL GEOLOGY	4
<a href="#">STA 296</a>   STA 296 - STATISTICAL METHODS AND MOTIVATIONS	3	<a href="#">BIO 152</a>   BIO 152 - PRINCIPLES OF BIOLOGY II	3
<a href="#">NRE 201</a>   NRE 201 - NATURAL RESOURCE CONSERVATION AND MANAGEMENT	3	<a href="#">NRE 381</a>   NRE 381 - NATURAL RESOURCE AND ENVIRONMENTAL POLICY ANALYSIS	3
<a href="#">BIO 148</a>   BIO 148 - INTRODUCTORY BIOLOGY I	3	<a href="#">PLS 366</a>   PLS 366 - FUNDAMENTALS OF SOIL SCIENCE	4
<a href="#">PHI 336</a>   PHI 336 - ENVIRONMENTAL ETHICS	3		
<b>SUMMER SEMESTER</b>	<b>3</b>		
<a href="#">NRE 320</a>   NRE 320 - DATA COLLECTION TECHNIQUES	3		

## Junior Year Credit Hours: 30 - 35

FALL SEMESTER	16	SPRING SEMESTER	13 - 16
FOR 325   FOR 325 - ECONOMIC BOTANY: PLANTS AND HUMAN AFFAIRS	3	AEC 445G   AEC 445G - INTRODUCTION TO RESOURCE AND ENVIRONMENTAL ECONOMICS	3
FOR 340   FOR 340 - FOREST ECOLOGY	4	NRE 355   NRE 355 - INTRODUCTORY GEOSPATIAL APPLICATIONS FOR LAND ANALYSIS	3
AEC 326   AEC 326 - PRINCIPLES OF ENVIRONMENTAL LAW	3	ASD or ESEA course	3
ASD or ESEA course	3	ASD or ESEA course	3
		Elective	1 - 4
SUMMER SEMESTER	1 - 3		
NRE 395 or NRE 399	1 - 3		

## Senior Year Credit Hours: 21 - 30

FALL SEMESTER	12 - 15	SPRING SEMESTER	9 - 15
FOR 460G or EES 385	3	NRE 471   NRE 471 - SENIOR PROBLEM IN NATURAL RESOURCES AND ENVIRONMENTAL SCIENCE	4
ASD or ESEA course	3	FOR 435   FOR 435 - CONSERVATION BIOLOGY	3
ASD or ESEA course	3	Elective	1 - 4
NRE 400   NRE 400 - PROFESSIONAL NRES COMPOSITION AND COMMUNICATION	2	Elective	1 - 4
Elective	1 - 4		

University of Kentucky is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, masters, and doctorate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or online at [www.sacscoc.org](http://www.sacscoc.org) for questions about the accreditation of University of Kentucky.

Current UK students: Please login to <http://myUK.uky.edu> to access your personalized major map and degree audit via the Graduation Planning System (GPS). This major map is the curriculum requirements for completion of the degree program only and is not a personalized audit based on your completed coursework. This major map does not reflect entrance requirements for selective majors. Please consult with the college to learn more about admission to this major.