

# Agriculture

## College of Agriculture, Food & Environment



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

With an individualized Bachelor of Science in Agriculture, you can pursue one of two areas of specialization: Agricultural Ecosystem Sciences or Entomology.

**Total Hours Required for Degree: 120**

### Freshman Year Credit Hours: 28

FALL SEMESTER	13	SPRING SEMESTER	15
<a href="#">AFE 100</a>   AFE 100 - ISSUES IN AGRICULTURE, FOOD AND ENVIRONMENT	3	<a href="#">CHE 105</a>   CHE 105 - GENERAL COLLEGE CHEMISTRY I	4
<a href="#">AES 101</a>   AES 101 - INTRODUCTION TO AGRICULTURAL ECOSYSTEM SCIENCES	1	<a href="#">CHE 111</a>   CHE 111 - GENERAL CHEMISTRY I LABORATORY	1
<a href="#">MA 109</a>   MA 109 - COLLEGE ALGEBRA	3	UK Core - Comp. & Comm. II	3
UK Core - Humanities	3	<a href="#">BIO 148</a>   BIO 148 - INTRODUCTORY BIOLOGY I	3
UK Core - Comp. & Comm. I	3	<a href="#">MA 123</a>   MA 123 - ELEMENTARY CALCULUS AND ITS APPLICATIONS	4

### Sophomore Year Credit Hours: 32

FALL SEMESTER	15	SPRING SEMESTER	14
<a href="#">BIO 152</a>   BIO 152 - INTRODUCTORY BIOLOGY II	3	<a href="#">PLS 366</a>   PLS 366 - FUNDAMENTALS OF SOIL SCIENCE	4
<a href="#">ECO 201</a>   ECO 201 - PRINCIPLES OF ECONOMICS I	3	<a href="#">AEC 302</a>   AEC 302 - AGRICULTURAL MANAGEMENT PRINCIPLES	4
UK Core - Social Sciences	3	<a href="#">WRD 204</a>   WRD 204 - TECHNICAL WRITING	3
UK Core - Arts and Creativity	3	<a href="#">STA 296</a>   STA 296 - STATISTICAL METHODS AND MOTIVATIONS	3
<a href="#">PLS 210</a>   PLS 210 - THE LIFE PROCESSES OF PLANTS	3		
SUMMER SEMESTER	3		
<a href="#">AES Field Experience</a>	2		
<a href="#">AES 395 or AES 399</a>	1		

### Junior Year Credit Hours: 32

FALL SEMESTER	16	SPRING SEMESTER	16
<a href="#">ENT 310</a>   ENT 310 - INSECT PESTS OF FIELD CROPS	3	<a href="#">PLS/SAG 390</a>	3
<a href="#">PLS 386</a>   PLS 386 - PLANT PRODUCTION SYSTEMS	4	<a href="#">PLS 404</a>   PLS 404 - INTEGRATED WEED MANAGEMENT	4
<a href="#">PPA 400G</a>   PPA 400G - PRINCIPLES OF PLANT PATHOLOGY	3	<a href="#">AES 301</a>   AES 301 - FRONTIERS IN AGRICULTURAL ECOSYSTEM SCIENCES: MICROBIOMES	3
<a href="#">Technical Specialization Course</a>	3	<a href="#">Technical Specialization Course</a>	3
<a href="#">ASC 382</a>   ASC 382 - ANIMAL PRODUCTION PRINCIPLES	3	<a href="#">PLS 470G</a>   PLS 470G - SOIL NUTRIENT MANAGEMENT	3

## Senior Year Credit Hours: 27

FALL SEMESTER	15	SPRING SEMESTER	12
<a href="#">Applied Specialization Course</a>	3	<a href="#">Applied Specialization Course</a>	3
<a href="#">Technical Specialization Course</a>	3	<a href="#">Applied Specialization Course</a>	3
<a href="#">Free Elective</a>	3	<a href="#">AES 4XX Capstone</a>	3
<a href="#">ABT 360</a>   ABT 360 - GENETICS	3	<a href="#">Free Elective</a>	3
<a href="#">UK Core - Global Dynamics</a>	3		

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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.