



**BACHELOR of SCIENCE in AGRICULTURE (#508)**  
**CONCENTRATION in HORTICULTURE**  
 Department of Agriculture  
 Ogden College of Science and Engineering  
 Western Kentucky University

The suggested program of study shown below should be used in consultation with your advisor(s). Every student will finish with a unique plan of his/her own depending on the electives selected.

**SAMPLE – Finish in Four Plan**

<b>FIRST YEAR</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
AGRO 110/111 – Introduction to Plant Science (with a Lab)	4	COMM 145 – Business and Professional Speaking (F-OC)	3
MATH 115 – Applied College Algebra (F-QR)	3	ANSC 140 - Introduction to Animal Science	3
Arts and Humanities (E-AH)	3	AGMC 170/171 – Introduction to Agricultural Mechanization (with a Lab)	3
ENG 100 – College Writing (F-W1)	3	CHEM 105/106 – Fundamentals of Chemistry (with a Lab) (E-NS, SL)	4
AGRI 175 – University Experience - Agriculture	1	World Language, if necessary, OR General Elective	3
AGMC 176 – Agriculture Safety	2		
<b>TOTAL CREDIT HOURS</b>	<b>16</b>	<b>TOTAL CREDIT HOURS</b>	<b>16</b>

<b>SECOND YEAR</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
World Language, if necessary, OR General Elective	4	AGRO 320 – Crop Physiology	3
BIOL 122/123* - Biological Concepts: Evolution, Diversity, and Ecology (E-NS)	4	AGRO 350/351 – Soils (with a Lab)	4
HORT 301/302* - Introduction to Landscape Plants (with a Lab)	3	Horticulture Elective	3
HIST 101 – World History I OR HIST 102 – World History II (F-SB)	3	ENG 200 – Introduction to Literature (F-AH)	3
Social & Behavioral Studies (E-SB)	3		
<b>TOTAL CREDIT HOURS</b>	<b>17</b>	<b>TOTAL CREDIT HOURS</b>	<b>13</b>

THIRD YEAR			
Fall Semester		Spring Semester	
HORT 316/317 – Greenhouse Production (with a Lab)	3	AGEC 160 – Introduction to Agribusiness and Agricultural Entrepreneurship	3
HORT 313 – Turfgrass Management	3	Connections: Social & Cultural (K-SC)	3
Horticulture Elective	3	Horticulture Elective	3
Agriculture Elective	3	AGRI 108 – Rural Sociology	3
ENG 300 – Writing in the Disciplines OR COMM 200 – Communications Foundations (F-W2)	3	AGRI 369 – Cooperative Education in Agriculture	2
<b>TOTAL CREDIT HOURS</b>	<b>15</b>	<b>TOTAL CREDIT HOURS</b>	<b>14</b>

FOURTH YEAR			
Fall Semester		Spring Semester	
AGRI 397 – Agriculture Career Planning	1	AGRI 398* - Seminar for Horticulture	1
AGRI 491 – Data Analysis and Interpretation OR AGRI 291 – Introduction to Data Analysis and Interpretation	3	BIOL 348* - Plant Taxonomy	3
AGRI 494 – Contemporary Agricultural Issues	3	HORT 407/408 – Plant Propagation (with a Lab)	3
Horticulture Elective	3	Horticulture Elective	3
Horticulture Elective	3	Connections: Systems (K-SY)	3
Connections: Local to Global (K-LG)	3		
<b>TOTAL CREDIT HOURS</b>	<b>16</b>	<b>TOTAL CREDIT HOURS</b>	<b>13</b>

**Total Credit Hours: 120**

\* Denotes prerequisite courses before program admission

**PLEASE NOTE:** Prerequisites, Course Numbers, and Course Titles are subject to change.

Consult your advisor each semester.

For more details and courses offered in the Colonnade General Education program visit the [website](#).

**World Language Requirement:** Language Proficiency of novice-high before completing 60 credit hours is required (or completion of 2nd level of a language). Two credits (or equivalent) of a single world language in High School satisfies this WKU requirement.

**For more Information:**    **Department:** Department of Agriculture  
**Website:** <http://www.wku.edu/agriculture>  
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**Course Descriptions:** <http://www.wku.edu/undergraduatecatalog/>