

CURRICULUM GUIDE

Agriculture, B.S. (Fruit, Vegetable, Nursery and Greenhouse Production Concentration) 2023-2024

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The schedule below is an **EXAMPLE** of how you can arrange your class schedule.
Please consult your advisor for specific changes that may need to be made.

	Fall Semester		Spring Semester		Course Number	Course Name		
Freshman Year	SCO 100	1	AGR 213	3	GENERAL EDUCATION & UNIVERSITY REQUIREMENTS (37)			
	AGR 130 <i>or</i> OHO 131	3	CIS 212, INF 104, <i>or</i> TEC 161	3	SCO 100 Student Success Seminar (1)			
	AGR 131 <i>or</i> OHO 132	1	° ECO 120 (fulfills Gen. Ed. 5B)	3	CORE COURSE REQUIREMENTS (49)			
	AGR 170	3	Gen. Ed. 1A (ENG 101)	3	<div><div><div>AGR 130 <i>and</i> AGR 131</div><div>OR</div><div>OHO 131 <i>and</i> OHO 132</div></div><div>AGR 115</div><div>AGR 170</div><div>AGR 213</div></div>	<div>Plant Science (3)</div> <div>Plant Science Laboratory (1)</div> <div>Plant Science (3)</div> <div>Plant Science Laboratory (1)</div> <div>Operation of Agricultural Equipment (2) (fall only)</div> <div>Application of Unmanned Aircraft Systems in Agriculture (3)</div> <div>Principles of Agricultural Mechanics and Energy Systems (3)</div>		
	° BIO 111 <i>or</i> 112 (fulfills Gen. Ed. 4)	4	Gen. Ed. 5A (History)	3				
	Gen. Ed. 2 (Math)	3						
	TOTAL	15	TOTAL	15				
Sophomore Year	AGR 115	2	AGR 304	4	<div><div><div>AGR 215</div><div>AGR 216</div></div><div>AGR 304</div><div>AGR 305</div><div>AGR 308</div><div>AGR 310</div><div>AGR 319</div><div>AGR 340</div><div>AGR 411</div></div>	<div>Principles of Soils (3)</div> <div>Principles of Soils Laboratory (1)</div> <div>Pest Management (4) (spring only)</div> <div>Professional Skills Seminar (1)</div> <div>Agricultural Economics (3)</div> <div>Principles of Agribusiness Management (3)</div> <div>Renewable and Sustainable Energy Systems (3)</div> <div>Conservation of Agricultural Resources (3)</div> <div>Senior Seminar (1)</div>		
	AGR 215	3	AGR 308	3				
	AGR 216	1	OHO 354	3				
	OHO 365	3	Gen. Ed. 1C (Oral Comm.)	3				
	° CHE 101 (fulfills Gen. Ed. 4)	3	Gen. Ed. 3B (Humanities)					
	CHE 101L	1	(writing intensive)	3				
	Gen. Ed. 1B (ENG 102)	3						
TOTAL	16	TOTAL	16					
Junior Year	AGR 305	1	AGR 404	3	Bracketed items must be taken concurrently			
	AGR 340	3	°AGR/OHO upper division elective	3	†PLUS THREE (3) HOURS selected from (experimental learning):			
	OHO 372	2	♦ Concentration approved elective	3	<div>AGR 301</div> <div>AGR 302</div> <div>AGR 349</div> <div>OHO 301</div> <div>OHO 349</div> <td rowspan="5"><div>Directed Work Experience (1-4)</div><div>Directed Work Experience-Management Practicum (3)</div><div>Applied Learning in Agriculture (.5-8)</div><div>Directed Work Experience (1-4)</div><div>Applied Learning in Horticulture (.5-8)</div></td>	<div>Directed Work Experience (1-4)</div> <div>Directed Work Experience-Management Practicum (3)</div> <div>Applied Learning in Agriculture (.5-8)</div> <div>Directed Work Experience (1-4)</div> <div>Applied Learning in Horticulture (.5-8)</div>		
	†AGR/OHO (experimental learning elective)	1	♦ Gen. Ed. 3A (Arts)	3			††PLUS ONE (1) COURSE selected from (ACCT Capstone):	
	♦ Concentration approved elective	3					AGR 499 Agricultural Advocacy and Issues Capstone (3)	
	Gen. Ed. 6 (Diversity)	3					AGR 509 Agricultural Research Methods and Interpretation (3) (fall only)	
	Gen. Ed. 6 (Diversity)	3					OHO 498 Turfgrass Capstone (3)	
TOTAL	16	TOTAL	12	OHO 499 Horticultural Issues Capstone (3)				
Senior Year	AGR 310	3	AGR 411	1	* PLUS NINE (9) HOURS selected from upper division AGR and/or OHO courses (upper division elective).			
	AGR 319	3	AGR 499, 509, OHO 498, <i>or</i> 499 (ACCT capstone)	3	FRUIT, VEGETABLE, NURSERY, AND GREENHOUSE PRODUCTION CONCENTRATION REQUIREMENTS (29)			
	AGR 416	3	OHO 388	3	<div>AGR 404</div> <div>AGR 416</div> <div>OHO 354</div> <div>OHO 365</div> <div>OHO 372</div> <div>OHO 375</div> <div>OHO 388</div> <td rowspan="5"><div>Advanced Pest Management (3) (spring only)</div><div>Soil Fertility and Management (3)</div><div>Irrigation Systems and Horticultural Equipment (3)</div><div>Plant Identification I (3)</div><div>Horticulture Retail and Wholesale Management (2)</div><div>Post Harvest Technology of Horticultural Crops (3)</div><div>Greenhouse Operation and Management (3) (spring only)</div></td>	<div>Advanced Pest Management (3) (spring only)</div> <div>Soil Fertility and Management (3)</div> <div>Irrigation Systems and Horticultural Equipment (3)</div> <div>Plant Identification I (3)</div> <div>Horticulture Retail and Wholesale Management (2)</div> <div>Post Harvest Technology of Horticultural Crops (3)</div> <div>Greenhouse Operation and Management (3) (spring only)</div>		
	OHO 375	3	†AGR/OHO (experimental learning elective)	2			♦ PLUS NINE (9) HOURS of advisor approved electives (concentration electives)	
	♦ Concentration approved elective	3	*AGR/OHO upper division elective	3			SUPPORTING COURSE REQUIREMENTS (5)	
			*AGR/OHO upper division elective	3			<div>° BIO 111 <i>or</i> ° BIO 112</div> <div><div><div>CHE 101 <i>and</i> CHE 101L</div><div>CIS 212 <i>or</i> INF 104 <i>or</i> TEC 161</div><div>° ECO 120</div></div></div> <td rowspan="5"><div>Cell and Molecular Biology (4)</div><div>Ecology and Evolution (4)</div><div>Introductory Chemistry (3)</div><div>Introductory Chemistry Lab (1)</div><div>Introduction to Computer Information Systems (3)</div><div>Computer Literacy with Software Applications (3)</div><div>Computer Applications in Technology (3)</div><div>Economic Reasoning and Issues (3)</div></td>	<div>Cell and Molecular Biology (4)</div> <div>Ecology and Evolution (4)</div> <div>Introductory Chemistry (3)</div> <div>Introductory Chemistry Lab (1)</div> <div>Introduction to Computer Information Systems (3)</div> <div>Computer Literacy with Software Applications (3)</div> <div>Computer Applications in Technology (3)</div> <div>Economic Reasoning and Issues (3)</div>
	TOTAL	15	TOTAL	15				
				° Denotes that 3 credit hours from this course are/can be applied to fulfill a				
TOTAL HOURS TO DEGREE COMPLETION				120				

* **PREREQUISITES:** Consult with your advisor and/or the University catalog regarding prerequisites for upper division AEM, AGR, and OHO courses.

Upper division courses: All students are required to have a minimum of 42 hrs. upper division (300-level or above) courses distributed throughout Major/Supporting/Gen Ed/Free Electives categories.

Refer to the University Catalog at <http://www.catalogs.eku.edu/> regarding University and General Education Requirements.

° Denotes that 3 credit hours from this course are/can be applied to fulfill a Gen. Ed. requirement.