

CURRICULUM GUIDE

Agriculture, B.S. (Turfgrass and Landscape Concentration)

2023-2024

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Department of Agriculture

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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 | |
|---|---|-----------|---|------------|
| Freshman Year | SCO 100 | 1 | AGR 213 | 3 |
| | AGR 130 <i>or</i> OHO 131 | 3 | CIS 212, INF 104 <i>or</i> TEC 161 | 3 |
| | AGR 131 <i>or</i> OHO 132 | 1 | ⁶ ECO 120 (<i>fulfills Gen. Ed. 5B</i>) | 3 |
| | AGR 170 | 3 | Gen. Ed. 1A (<i>ENG 101</i>) | 3 |
| | ⁶ BIO 111 <i>or</i> 112 (<i>fulfills Gen. Ed. 4</i>) | 4 | Gen. Ed. 5A (<i>History</i>) | 3 |
| | Gen. Ed. 2 (<i>Math</i>) | 3 | | |
| | TOTAL | 15 | TOTAL | 15 |
| Sophomore Year | AGR 115 | 2 | AGR 304 | 4 |
| | AGR 215 | 3 | AGR 308 | 3 |
| | AGR 216 | 1 | OHO 354 | 3 |
| | OHO 365 | 3 | Gen. Ed. 1C (<i>Oral Comm.</i>) | 3 |
| | ⁶ CHE 101 (<i>fulfills Gen. Ed. 4</i>) | 3 | Gen. Ed. 3B (<i>Humanities</i>) | |
| | CHE 101L | 1 | (<i>writing intensive</i>) | 3 |
| | Gen. Ed. 1B (<i>ENG 102</i>) | 3 | | |
| | TOTAL | 16 | TOTAL | 16 |
| Junior Year | AGR 305 | 1 | AGR 404 | 3 |
| | AGR 340 | 3 | ♦AGR/OHO upper division | |
| | OHO 351 | 4 | elective | 3 |
| | †AGR/OHO (<i>experimental learning elective</i>) | 1 | ♦Concentration approved | |
| | Gen. Ed. 6 (<i>Diversity</i>) | 3 | elective | 4 |
| | Gen. Ed. 6 (<i>Diversity</i>) | 3 | Gen. Ed. 3A (<i>Arts</i>) | 3 |
| | TOTAL | 15 | TOTAL | 13 |
| Senior Year | AGR 310 | 3 | AGR 411 | 1 |
| | AGR 319 | 3 | OHO 370 | 3 |
| | AGR 416 | 3 | AGR 499, 509, OHO 498, <i>or</i> 499 (<i>ACCT capstone</i>) | 3 |
| | ♦Concentration approved | | †AGR/OHO (<i>experimental learning elective</i>) | 2 |
| | elective | 3 | ♦AGR/OHO upper division | |
| | ♦Concentration approved | | elective | 3 |
| | elective | 3 | ♦AGR/OHO upper division | |
| | TOTAL | 15 | TOTAL | 15 |
| TOTAL HOURS TO DEGREE COMPLETION | | | | 120 |

| Course Number | Course Name |
|--|---|
| GENERAL EDUCATION & UNIVERSITY REQUIREMENTS (37) | |
| SCO 100 | Business and Technology Orientation (1) |
| CORE COURSE REQUIREMENTS (46) | |
| AGR 130 <i>and</i> AGR 131 | Plant Science (3) |
| <i>OR</i> | Plant Science Laboratory (1) |
| OHO 131 <i>and</i> OHO 132 | Plant Science (3) |
| | Plant Science Laboratory (1) |
| AGR 115 | Operation of Agricultural Equipment (2) (<i>fall only</i>) |
| AGR 170 | Application of Unmanned Aircraft Systems in Agriculture (3) |
| AGR 213 | Principles of Agricultural Mechanics and Energy Systems (3) |
| AGR 215 | Principles of Soils (3) |
| AGR 216 | Principles of Soils Laboratory (1) |
| AGR 304 | Pest Management (4) (<i>spring only</i>) |
| AGR 305 | Professional Skills Seminar (1) |
| AGR 308 | Agricultural Economics (3) |
| AGR 310 | Principles of Agribusiness Management (3) |
| AGR 319 | Renewable and Sustainable Energy Systems (3) |
| AGR 340 | Conservation of Agricultural Resources (3) |
| AGR 411 | Senior Seminar (1) |
| <i>Bracketed items must be taken concurrently</i> | |
| †PLUS THREE (3) HOURS selected from (<i>experimental learning</i>): | |
| AGR 301 | Directed Work Experience (1-4) |
| AGR 302 | Directed Work Experience-Management Practicum (3) |
| AGR 349 | Applied Learning in Agriculture (.5-8) |
| OHO 301 | Directed Work Experience (1-4) |
| OHO 349 | Applied Learning in Horticulture (.5-8) |
| ††PLUS ONE (1) COURSE selected from (<i>ACCT Capstone</i>): | |
| AGR 499 | Agricultural Advocacy and Issues Capstone (3) |
| AGR 509 | Agricultural Research Methods and Interpretation (3) (<i>fall only</i>) |
| OHO 498 | Turfgrass Capstone (3) |
| OHO 499 | Horticultural Issues Capstone (3) |
| ♦PLUS NINE (9) HOURS selected from upper division AGR and/or OHO courses (<i>upper division elective</i>). | |
| TURFGRASS AND LANDSCAPE CONCENTRATION REQUIREMENTS (29) | |
| AGR 404 | Advanced Pest Management (3) (<i>spring only</i>) |
| AGR 416 | Soil Fertility and Management (3) |
| OHO 351 | Turfgrass Management (4) (<i>fall only</i>) |
| OHO 354 | Irrigation Systems and Horticultural Equipment (3) |
| OHO 365 | Plant Identification I (3) |
| OHO 370 | Landscape Operations Management (3) (<i>spring only</i>) |
| ♦PLUS TEN (10) HOURS of advisor approved electives (<i>concentration electives</i>) | |
| SUPPORTING COURSE REQUIREMENTS (5) | |
| ⁶ BIO 111 <i>or</i> ⁶ BIO 112 | Cell and Molecular Biology (4) |
| | Ecology and Evolution (4) |
| ⁶ CHE 101 <i>and</i> CHE 101L | Introductory Chemistry (3) |
| | Introductory Chemistry Lab (1) |
| CIS 212 <i>or</i> INF 104 <i>or</i> TEC 161 | Introduction to Computer Information Systems (3) |
| | Computer Literacy with Software Applications (3) |
| | Computer Applications in Technology (3) |
| ⁶ ECO 120 | Economic Reasoning and Issues (3) |
| FREE ELECTIVES (0) | |

⁶ Denotes that 3 credit hours from this course are/can be applied to fulfill a Gen. Ed. requirement.

* **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.