

AGRICULTURE STUDIES

What is Ag Studies?

Agricultural Studies is a field with growing opportunities. Today's technology is fueling changes in this staple of the American landscape, including precision agriculture and related agribusinesses. At the same time, old-fashioned farming is a budding industry as more people shop for food at farmers' markets or want to grow their own. Whether you are interested in commercial agriculture or learning how to farm on a smaller scale, OCTC's Agricultural Studies Program could be for you. The program has two options, a Production Agriculture Operations Track, for students interested in large scale, high tech commercial agriculture, and a Food and Farm Management Track, for those interested in diversified agriculture focusing on new farmers and local food. The curriculum and hands-on experiences provide graduates with a strong foundation that includes courses in animal science, crop science, mechanics, business, and more.



Job Outlook



Graduates of the Agricultural Studies Program have many career options. In addition to traditional farming, job opportunities are growing in the fields of precision agriculture, research, local food advocacy, and many more. Agribusiness options include seed, fertilizer, and equipment companies. The Owensboro region is one of the largest

agricultural areas in Kentucky, and it is ripe with opportunities for fulfilling careers.

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Classes Offered

General Education Courses

ENG 101 Writing 1	3
MAT 110 Applied Mathematics OR	3
MAT 126 Technical Algebra OR	(3)
MAT 150 College Algebra	(3)
BIO 112 Introduction to Biology OR	3
BIO 150 Principles of Biology	(3)
Heritage/Humanities Course	3
AGR 101 Economics of Food and Agriculture	3

Agriculture Technical Core

Digital Literacy	3
AGR 125 Introduction to Fertilizers and Soil	3
AGR 150 Agriculture Power	3
AGR 180 Agriculture Internship I	2
AGR 190 Agriculture Internship II	2
AGR 240 Introduction to Animal Science	3
AGR 250 Introduction to Plants	3
AGR 280 Livestock Management	3
AGS 115 Agriculture Maintenance	3
AGS 205 Forage Management	3
AGS 215 Weed Management	3
AGS 265 Agriculture Business and Records	2
AGS 295 Capstone	1

Food and Farm Management Track

AGR 260 Introduction to Sustainable Ag	3
AGS 135 Herbaceous Plant Production	3
AGS 155 Greenhouse Production	3
AGS 175 Agriculture Marketing and Sales	2
AGS 225 Fruit and Vegetable Production	3
AGS 275 Value Added Production	3
COE 199 Cooperative Education	2
Total Hours	68

Production Agriculture Operations Track

AGR 130 Field Applications in Agriculture	2
AGR 200 Agriculture Internship III	2
AGS 145 Technology in Agriculture	3
AGS 235 Field Crop Production	3
AGS 245 Pest Management	3
AGS 255 Crop Scouting	3
AGS 285 Farm Financial Management	3
Total Hours	68

Please see the Agricultural Studies website for recommended course sequences and additional information about the program.

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