

## AGRICULTURAL SYSTEMS MANAGEMENT MINOR (033)

College of Food, Agricultural  
and Environmental Sciences  
The Ohio State University

Margaret Owens, Coordinating Advisor  
204 Agricultural Engineering  
590 Woody Hayes Drive  
292-1731  
Owens.162@osu.edu

The Agricultural Systems Management Minor is designed to provide students with a basic understanding of the physical principles underlying and the technology serving agriculture, food production, and natural resources. The minor provides experiences in the planning, installation, operation and support of systems such as machinery, electrical power, structures, soil and water and precision agriculture, that are used in modern agricultural production and associated industries. The minor contributes to "a basic understanding of the physical world in which we live and work." The minor will be attractive to students majoring in Agricultural Education, Agribusiness and Applied Economics, animal and plant sciences, or others who may anticipate management of the technology used in agriculture.

The Agricultural Systems Management minor consists of 22-25 hours.

Required:			Credit Hours
AGSYSMGT	320	Facilities for Agriculture and Greenhouse Production	5
AGSYSMGT	360	Agricultural Machinery	5
AGSYSMGT	370	Principles of Hydrology	3
AGSYSMGT	600	Agricultural Safety and Health	3

**Required Electives: Select courses to meet credit hour requirements (22-25) from the following. At least one course must be 500 level.**

AGSYSMGT	232	Small Air-Cooled Engines	4
AGSYSMGT	240	Basic Metal Fabrication for Agriculture	4
AGSYSMGT	241	Building Materials and Construction in Agriculture	4
AGSYSMGT	310	Electric Power for Agricultural and Residential Applications	3
AGSYSMGT	371	Land Surveying for Agricultural and Environmental Systems	2
AGSYSMGT	550	Pollution Control and Waste Utilization	3
AGSYSMGT	560	Fluid Power and Electronics in Agricultural Machinery	3
AGSYSMGT	575	Soil and Water Systems	3
AGSYSMGT	576	Water Management in the Landscape Environment	4
AGSYSMGT	580	Precision Agriculture	3

### Restrictions and General Information

1. This minor is not available to students majoring in Agricultural Systems Management, Construction Systems Management or Agricultural and Construction Systems Management.
2. A minimum overall CPHR for courses comprising the minor shall be 2.0.
3. A minor should be declared at the time a student accumulates 90 hours.
4. A maximum of five credit hours may overlap between the minor and the GEC (foundations, natural sciences, arts and humanities and social sciences).
5. Courses taken on a pass/non pass basis may not be applied to the minor.