

DEACTIVATED SUMMER 2004  
**AGRICULTURAL AND CONSTRUCTION SYSTEMS MANAGEMENT MINOR (017)**

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

**Margaret Owens, Coordinating Adviser  
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 principles and methods underlying physical systems in agriculture, food production, and natural resources. The minor provides experiences in the planning, installation, operation and support systems such as machinery, electrical power, structures, and soil and water, that are used in modern agricultural production and associated commodity handling 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 physical systems.

The Agricultural Systems Management minor consists of 21-25 hours. Two two-course sequences are required to provide depth for the minor. The first course in each sequence introduces the principles and the second course applies the principles to typical applications.

**Required:** **Credit Hours**

	AG&CONSM 600      Safety and Health	3
<b>Select two of the following course sequences (15-16 hours)</b>		
Structures and Environment		
	AG&CONSM 320      Facilities for Agriculture and Greenhouse Prod.	5
	AG&CONSM 520      Planning Agricultural Facilities	3
Power and Machinery		
	AG&CONSM 360      Agricultural Machinery	5
	AG&CONSM 560      Fluid Power and Electronics in Agricultural Machinery	3
Soil and Water		
	AG&CONSM 370      Principles of Hydrology	3
	AG&CONSM 371      Land Surveying for Agricultural and Environmental Systems	2
	AG&CONSM 575      Soil and Water Systems	3
Construction Management		
	AG&CONSM 241      Building Materials & Construction in Agriculture	4
	AG&CONSM 540      Construction Systems	3

**Required Electives:**

Select a minimum of 2 courses from the following:

AG&CONSM 232	Small Air-Cooled Engines	4
AG&CONSM 240	Fabrication of Metal in Agri-Business and Agricultural Applications	4
AG&CONSM 293	Individual Studies	1-5
AG&CONSM 294	Group Studies	1-5
AG&CONSM 310	Electric Power for Agric. and Resident. Applic.	3
AG&CONSM 550	Pollution Control and Waste Utilization	3
AG&CONSM 576	Water Management in the Landscape Environment	4

**Restrictions and General Information**

1. **This minor is not available to students majoring in Agricultural Systems Management, Construction Systems or 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 student may not double count courses between the minor and other requirements.**
5. **Courses taken on a pass/non pass basis may not be applied to the minor.**

