

The Agricultural Systems Management Minor is designed to provide students with an introduction to the physical systems and technology used in agriculture, food production and natural resources. The minor provides experiences in planning, installation, operation and support of systems such as machinery, electrical power, structures, soil and water management and precision agriculture that are used in modern agricultural production and associated industries. The minor contributes a basic understanding of the physical world in which we live and work. The minor will be attractive to students interested in agriscience and extension education, agribusiness, animal and plant sciences, or the management of technology used in agriculture.

The Agricultural Systems Management minor consists of a minimum of 13 credit hours. The minor does not require any prerequisites. However, some courses require Math 1148 and a Physics course such as Physics 1103 or 1200 or 1250. Please check course catalog for prerequisites.

Required:			Credit Hours
AGSYSMT	5600	Agricultural Safety and Health	3
Select one:			
AGSYSMT	2370	Environmental Hydrology	2
AGSYSMT	3320	Facilities for Agriculture and Greenhouse Production	3
AGSYSMT	3360	Agricultural Machinery Management	3

Required Electives:

Select courses to meet the minimum total of 13 credit hours from the following electives. At least one must be 3000 level or above.

AGSYSMT	2240	Basic Metal Fabrication for Agriculture	3
AGSYSMT	2241	Building Materials and Construction for Agriculture	3
AGSYSMT	2310	Electric Power for Agricultural and Residential Applications	2
AGSYSMT	2370	Environmental Hydrology	2
AGSYSMT	2371	Land Surveying for Agricultural and Environmental Systems	2
AGSYSMT	3232	Engines and Power Transmission	3
AGSYSMT	3320	Facilities for Agriculture and Greenhouse Production	3
AGSYSMT	3360	Agricultural Machinery Management	3
AGSYSMT	3550	Animal and Rural Waste Management	2
AGSYSMT	4560	Fluid Power and Electronics for Agricultural Machinery	3
AGSYSMT	4575	Applied Agricultural Water Management	2
AGSYSMT	4580	Precision Agriculture	2

Restrictions and General Information

1. This minor is not available to students majoring in Agricultural Systems Management
2. A minor should be declared by the time a student accumulates 60 credit hours.
3. A minimum 2.00 cumulative point-hour ratio is required in the minor course work; and a minimum grade of a C- is required for each course used to complete the minor.
4. A student is permitted to overlap up to 6 credit hours between the GE and the minor.
5. The minor must contain a minimum of 12 credit hours distinct from the major and/or additional minors. (i.e. if a minor requires more than 12 credit hours, a student is permitted to overlap those hours beyond 12 with the major or another minor).
6. The minor must include at least 6 hours of upper-level or upper-division course work (3000 level or above).
7. Course work graded Pass/Non-Pass cannot count in the minor, and no more than 3 credit hours of course work graded Satisfactory/Unsatisfactory may count toward the minor.
8. No more than 3 credit hours of xx93 may count toward the minor.
9. A student is permitted to count up to 6 total credit hours of transfer credit and/or credit by examination toward the minor