Agricultural Systems Management integrates physical systems with agricultural science and management skills to provide graduates with abilities to function in sales, service, and maintenance management positions in agribusiness industries. The uniqueness of Agricultural Systems Management graduates lies in their knowledge of the principles of physical systems which are the backbone of modern agricultural and food industries.

**Departmental Requirements**

**Agricultural Systems Management Courses:** 31 hours

**Required ASM Courses:** 9 hours

- ASM 1020: Introduction to ASM (3)
- ASM 1040: Physical Principles for Agriculture Applications (3)
- ASM 4970: Agricultural Systems Management (3)

**At least four courses from the following list are required:** 12 hours

- ASM 2220: Agricultural/Industrial Structures (3)
- ASM 2360: Mobile Hydraulics (3)
- ASM 4020: Agricultural Accident Prevention (3)
- ASM 4140: Electrical Wiring & Equipment (3)
- ASM 4320: Agricultural Equipment & Machinery (3)
- ASM 4420: Surface Water Management (3)

**Select from the following to accumulate a minimum of 31 hours:** 10 hours

- ASM 2320: Internal Combustion Power (3)
- ASM 2340: Pesticide Application Equipment (3)
- ASM 3350: Problems in ASM (up to 6)
- ASM 4220: Material Handling and Conditioning (3)
- ASM 4360: Precision Agriculture (3)
- ASM 4460: Irrigation and Drainage (3)
- ASM 4940: Agricultural Mechanization Internship (up to 5)
**Supporting Courses:** 6 hours
- Pl Sci or Soil 2100: Introduction to Soils or
- Pl Sci 2110: Plant Growth and Culture or
- An Sci 1065: Farm Animal Management
- Ag 1111: Computing & Programming Concepts or
  Equivalent

**Business and Economics:** 15 hours
- Acct 2036: Accounting I *Required*
- Mgmt 3000: Fundamentals of Management or
- Ag Ec 2183: Ag Marketing System
- Ag Ec 3282: Agribusiness Finance or
- Finance 1000: Principles of Finance
- Ag Ec 3256: Ag and Biotech Law or
- Ag Ec 3257: Rural and Ag Law
- Ag Ec 3260: General Farm Management

**Elective Courses:** to total 128 hours

In consultation with their advisor, students may select elective courses to bring their total credit hours to the 128 hour minimum. Typically electives are chosen to provide emphasis in one of the following areas:

- Natural Resource and Environment
- Materials Handling and Crop Processing
- Power and Machinery Systems
- Production Agriculture

**Minor in Agricultural Systems Management**

15 hours of ASM coursework. Of the 15 hours, 9 hours must be 3000 level or above.