Agricultural systems management (ASM) is the application, operation, and management of modern agricultural systems, including agricultural equipment, buildings, materials handling, natural resources, and processing elements. Students in the agricultural systems management major take courses in the fundamentals of soil and water, structures and facilities, power and machinery, and precision agriculture.

**Career Areas/Job Titles:**

**Management and Industry**
- Agricultural Appraiser
- Agricultural Structures
- Consultant
- Agricultural Equipment
- Manager
- Research Scientist
- Fluid Power Technician

**Science and Technology**
- Agricultural Appraiser

**Non-Profit/Advocacy**
- Grant Writer
- Peace Corp Volunteer
- Soil Conservationist
- Water Quality Analyst

**Government/Politics**
- USDA
- EPA

**Education**
- Agricultural Education Instructor
- Professor
- Community Educator

**Professional Links:**

¼ Scale Tractor Design Team: [http://buckeyepullers.org.ohio-state.edu/](http://buckeyepullers.org.ohio-state.edu/)
Agricultural Systems Management Club: [http://asmclub.org.ohio-state.edu/](http://asmclub.org.ohio-state.edu/)
Association of Agricultural and Biological Engineers (ASABE) Student Branch: [http://fabe.osu.edu/node/1347](http://fabe.osu.edu/node/1347)

*Some careers may require licensure, certification, or further education. Talk to an advisor about specific requirements.*

**Transferable Skills:**

- Business Fundamentals
- Agricultural Law & Policy
- Awareness
- Consulting
- Use Technology Effectively
- Verbal Communication
- Written Communication
- Service Orientation
- Teamwork
- Developing Evaluation
- Strategies
- Gathering Information
- Adaptability/Flexibility
- Attention to Detail
- Judgment & Decision Making
- Organization Skills
- Planning
- Prioritizing Tasks
- Data Analysis
- Analytical/Critical Thinking
- Problem Solving
- *Internship Required*

*This is not an extensive list of transferable skills. See larger list of skills you might develop here: [http://careerconnection.osu.edu](http://careerconnection.osu.edu)*