

AGRICULTURAL SYSTEMS MANAGEMENT

DEALERSHIP MANAGEMENT SPECIALIZATION

NDSU

CONTACT

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The Curriculum



The Agricultural Systems Management program requires completion of 128 semester credit hours for graduation. Laboratory experiences are a part of many of the major courses. These courses provide “hands-on” learning. Most major courses require a team project which involves written and oral communications. This experience helps students

develop leadership and communications skills, as well as the opportunity to work in a team.

Work Experience

Two paid summer internships with an agricultural equipment dealership are required. This experience provides the opportunity to gain practical work experience prior to graduation, and it often opens doors for employment at graduation. Many companies now expect students to have cooperative work experience when hiring new graduates.

“My field experience introduced me to many important business practices and I learned a lot about equipment, customer service, and establishing business relationships. My field experience was invaluable. It taught me that the best place to learn about the “real world” is not necessarily in a textbook but more so out there doing the job, experiencing the people, and learning what it means to work as a team of employees.”
-- Dylan, ASM-DMS Major

Sample Curriculum

Foundations

	Credits
ABEN 189 - Skills for Academic Success.....	1
ENGL 110, 120 - College Comp. I, II	6
COMM 110 - Fundamentals of Public Speaking.....	3
MATH 103, 105 - College Algebra, Trigonometry	6
STAT 330 - Introductory Statistics.....	3
COMM - Elective.....	3
ENGL - Elective	3
CSCI 114 or 116 - Microcomp. Packages or Business Use	3
ACCT 200, 201 - Elements of Accounting I, II	6
AGRI 150 - Ag Orientation	1

Physical Science

CHEM 121, 122 - General Chemistry I, II	6
PHYS 211/211L - College Physics I and Lab I.....	4

Agricultural Electives

Electives	9
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Social and Behavioral Sciences

ECON 201, 202 - Principles of Micro and Macroeconomics ...	6
PSYC 111 - Introductory Psychology.....	3

Humanities and Fine Arts

Electives	6
(3 credits from Cultural Diversity category of Gen. Education Requirements)	

Wellness	2
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Credits

Free Electives	5
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Study in Department

ASM 115 - Fundamentals of ASM.....	3
ASM 125 - Fabrication and Construction Technology.....	3
ASM 225 - Computer Applications in ASM	3
ASM 264 - Natural Resources Management Systems	3
ASM 323 - Post-Harvest Technology	3
ASM 354 - Electricity and Electronic Applications	3
ASM 373 - Tractors and Power Units	3
ASM 374 - Power Units Lab	1
ASM 378 - Machinery Principles and Management.....	3
ASM 429 - Hydraulic Power Principles and Applications.....	3
ASM 454 - Site Specific Agriculture	3
ASM 475 - Management of Agricultural Systems	2
ASM 491 - Seminar	1
ASM 496 - Field Experience/Internship	1
ASM 496 - Field Experience/Internship	1

Minor (Choose one)	16
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Students are required to minor in Agribusiness or Business Administration. Students select courses in agricultural economics and business in consultation with their adviser.

CURRICULUM TOTAL	128
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DEALERSHIP MANAGEMENT SPECIALIZATION

Agricultural Systems Management - Business Option



Opportunities are available for men and women from both rural and urban backgrounds.

The Dealership Management specialization in the Agricultural Systems Management (ASM) program emphasizes engineering technology, business and economics, accounting, and communications. ASM graduates manage people, money, facilities, and machines. They excel at management, marketing, and customer service by applying their technical knowledge of farm machines, business management, communications and computers. The specialization is designed for students whose interests are in the management of agricultural, industrial, and consumer products dealerships.



Careers

A graduate of the Agricultural Systems Management program with a specialization in Dealership Management is well prepared to pursue a successful and rewarding career path leading to dealership management.

The Department

The ASM program is administered by the Department of Agricultural and Biosystems Engineering and is housed in its own building. Laboratories are furnished with equipment typically used in industry. The department has its own student computer cluster equipped with CADD, word processing, spreadsheet, database, internet, communications, and presentation software.

Academic Preparation

Besides the general requirements for admission to NDSU, college preparation should include, at a minimum, classes in algebra, biology, and chemistry. Advanced math, science and communications courses are helpful.

Faculty

The Agricultural Systems Management faculty have diverse backgrounds. Several are natives of North Dakota and Minnesota; others are from around the nation and the world. Most have production agriculture and/or industrial experience and several have international experience. The faculty not only teach, but they have research responsibilities. The research experience keeps faculty up to date with new developments in industry. That state of the art knowledge is transferred to the students in the classroom.

The ASM faculty takes pride in its ability to provide maximum student-faculty contact. Equally important is the system of advising. A new student is assigned an adviser who carefully assists the student in preparing class schedules, counseling him/her in career decisions, and simply being available for "someone to talk to." The faculty takes a personal interest in each student.



Financial Aid Resources

- College of Agriculture, Food Systems, and Natural Resources Scholarships
- Departmental Scholarships
- NDSU Student Financial Services Office
- Work-study Opportunities
- On/Off Campus Employment