Agricultural Systems Management 2014

Major: Agricultural Systems Management

Degree Type: B.S.
Required Degree Credits to Graduate: 128

General Education Requirements

First Year Experience (F):
- AGRI 189 Skills for Academic Success (Students transferring in 24 or more credits do not need to take ABEN 189.) 1

Communication (C):
- ENGL 110 College Composition I 3
- ENGL 120 College Composition II 3
- One Course in Upper Level Writing. Select one of the following: 3
  - ENGL 320 Business and Professional Writing
  - ENGL 321 Writing in the Technical Professions
  - ENGL 322 Creative Writing I
  - ENGL 324 Writing in the Sciences
  - ENGL 459 Researching and Writing Grants and Proposal
- COMM 110 Fundamentals of Public Speaking 3

Quantitative Reasoning (R):
- STAT 330 Introductory Statistics 3

Science & Technology (S):
- CHEM 121 General Chemistry I 3
- CHEM 122 General Chemistry II 3
- PHYS 211 College Physics I 4
  & 211L College Physics I Laboratory 2

Humanities & Fine Arts (A): Select from current general education list 6

Social & Behavioral Sciences (B):
- ECON 201 Principles of Microeconomics 3
- ECON 202 Principles of Macroeconomics 3

Wellness (W): Select from current general education list 2

Cultural Diversity (D): Select from current general education list

Global Perspective (G):
- ECON 201 Principles of Microeconomics 3

Total Credits 40

Major Requirements

Students must maintain a 2.25 GPA in ASM prefix courses.

General Education Requirements

Agricultural Systems Management Core Requirements
- ASM 115 Fundamentals of Agricultural Systems Management 3
- ASM 125 Fabrication & Construction Technology 3
- ASM 225 Computer Applications in Agricultural Systems Management 3
- ASM 264 Natural Resource Management Systems 3
- ASM 323 Post-Harvest Technology 3
- ASM 354 Electricity and Electronic Applications 3
- ASM 373 Tractors & Power Units 3
- ASM 374 Power Units Laboratory 1
- ASM 378 Machinery Principles and Management 3
- ASM 429 Hydraulic Power Principles and Applications 3
- ASM 454 Principles and Application of Precision Agriculture 3
- ASM 475 Management of Agricultural Systems (Capstone Course) 2
- ASM 491 Seminar 1
- ASM 496 Field Experience (Expo) 1
Supporting Courses

Select one of the following: 3-6

- **ACCT 102** Fundamentals of Accounting
- **ACCT 200** Elements of Accounting I
- **ACCT 201** Elements of Accounting II
- **AGRI 150** Agriculture Orientation (Students transferring in 24 or more credits do not need to take AGRI 150.) 1
- **CSCI 114** Microcomputer Packages 3-4
- **CSCI 116** Business Use of Computers
- **MATH 103** College Algebra (or higher - May not be required based on math placement.) 3
- **MATH 105** Trigonometry (or higher) 3
- **PSYC 111** Introduction to Psychology 3

Specialized Options - Select from one of the specialized options listed below. A minor program of study may be completed in place of an option. 28-35

Degree Electives: Potential of 9 credits to reach 128

Total Credits 128-138

dspecialized options

**Applied Business Option: Minimum 28 Credits**

This is the standard option for this major; students can declare another option or the minor option with the Office of Registration and Records.

Complete any course from the College of Ag and or biological science course with the following prefix: BIOL, BOT, MICR, ZOO.

Select courses in agriculture science or supporting areas to enhance careers in Agribusiness. Select courses in consultation with an advisor. Courses not on the list will require a substitution form to be submitted to the Office of Registration and Records.

**Production Agriculture Option: Minimum 28 Credits**

Complete any course from the College of Ag or any biological science course with the following prefix: BIOL, BOT, MICR, ZOO.

Select courses in consultation with an advisor. Courses not on the list will require substitution form to be submitted to the Office of Registration and Records.

**Dealership Management Option: Minimum 28-35**

Minor in either Business Administration (24 credits) or Agribusiness (17 or 21 credits) required. 17-24

- **ACCT 200** Elements of Accounting I 6
- **& ACCT 201** Elements of Accounting II
- **ASM 496** Field Experience 2

Select one of the following: 3

- **COMM 214** Persuasive Speaking
- **COMM 271** Listening and Nonverbal Communication
- **COMM 308** Business and Professional Speaking
- **COMM 315** Small Group Communication

Degree Requirements and Notes:

- Students must register for an ASM internship in the semester it is be completed. This includes internships arranged with the NDSU Career Center.
- Transfer grades must be ‘C’ or higher to count towards major requirements.
- The completion of a minor program of study is suggested but not required. Option suggestions are: Accounting, Agribusiness, Animal Sciences, Business Administration, Construction Management, Crop & Weed Sciences, Industrial Engineering & Management, Public Relations & Advertising, or Range Science.