COLLEGE OF AG, FOOD SYSTEMS & NATURAL RESOURCES
MAJOR: AGRICULTURAL SYSTEMS MANAGEMENT
ACADEMIC YEAR: 2013-2014
DEGREE TYPE: B.S.
REQUIRED DEGREE CREDITS TO GRADUATE: 128

GENERAL EDUCATION REQUIREMENTS – 40 CREDITS
Lower Division Requirements – 37 Credits
First Year Experience (F) - 1 Credit
ABEN 189 Skills for Academic Success 1 cr
Students transferring in 24 or more credits do not need to take ABEN 189.
Communication (C) - 9 Credits
ENGL 110 College Composition I 3 cr
ENGL 120 College Composition II 3 cr
COMM 110 Fund of Public Speaking 3 cr
Quantitative Reasoning (R) - 3 Credits
STAT 330 Introductory Statistics 3 cr
Science & Technology (S) - 10 Credits
CHEM 121 General Chemistry I 3 cr
CHEM 122 General Chemistry II 3 cr
PHYS 211/L College Physics I/Lab 3/1 cr
Humanities & Fine Arts (A) - 6 Credits
Select from current general education courses www.ndsu.edu/registrar/gened/
Social & Behavioral Sciences (B) - 6 Credits
ECON 201 Principles of Microeconomics 3 cr
ECON 202 Principles of Macroeconomics 3 cr
Wellness (W) - 2 Credits
Select from current general education courses www.ndsu.edu/registrar/gened/
Cultural Diversity (D)
Select from current general education courses www.ndsu.edu/registrar/gened/
Global Perspectives (G)
Select from current general education courses www.ndsu.edu/registrar/gened/
Upper Division Requirements - Writing – 3 Credits
ENGL 320, 321, 322, 324 or 459 3 cr

REQUIRED COURSES FOR AG SYSTEMS MGMT – 35 CREDITS
Students must maintain a 2.25 GPA in ASM courses.
ASM 115 Fund of Agricultural Systems Management 3 cr
ASM 125 Fabrication & Construction Technology 3 cr
ASM 225 Computer Applications in ASM 3 cr
ASM 264 Natural Resource MGMT Systems 3 cr

REQUIRED AG SYSTEMS MGMT COURSES CONTINUED
ASM 323 Post-Harvest Technology 3 cr
ASM 354 Electricity & Electronic Applications 3 cr
ASM 373 Tractors & Power Units 3 cr
ASM 374 Tractors & Power Units Lab 1 cr
ASM 378 Machinery Principles & Management 3 cr
ASM 429 Hydraulic Power Principles & Application 3 cr
ASM 454 Principles & Application of Precision Ag 3 cr
ASM 475 Management of Ag Systems (Capstone Course) 2 cr
ASM 491 Seminar 1 cr
ASM 496 Field Experience (Expo) 1 cr

SUPPORTING AG SYSTEMS MGMT COURSES – 16-17 CREDITS
ACCT 102 or Elements of Accounting or 3 cr
200 & 201 Elements of Accounting I and II 3 cr
AGRI 150 Ag Orientation 1 cr
Students transferring in 24 or more credits do not need to take AGRI 150.
CSCI 114 or Microcomputer Packages 3 or 4 cr
116 Business Use of Computers 3 cr
MATH 103 College Algebra (or higher) 3 cr
MAY not be required based on math placement.
MATH 105 Trigonometry (or higher) 3 cr
PSYC 111 Introduction to Psychology 3 cr

SPECIALIZED OPTIONS
Students must select one of the following options or elect to complete a minor in place of the option. Credit minimum will vary depending on the option selected.

1) Applied Business Option – Minimum 28 Credits
   • This is the standard option for this major unless student officially declares another option or a minor through Registration and Records.
   • Select courses in agriculture science or supporting areas to enhance careers in Agribusiness and curriculum diversity. See page two for a potential list of courses. Select courses in consultation with your advisor. Courses selected not on the list will require a substitution form to be submitted to Registration and Records.
   • 12 Credits - Students may complete any course from the College of Ag or any of the biological sciences courses with the following prefix: BIOL, BOT, MICR, ZOO.

2) Production Agriculture Option– Minimum 28 Credits
   • See page two for a potential list of courses. Select courses in consultation with your advisor. Courses selected not on the list will require a substitution form to be submitted to Registration and Records.
   • 12 Credits - Students may complete any course from the College of Ag or any of the biological sciences courses with the following prefix: BIOL, BOT, MICR, ZOO.

3) Dealership Management Option – Minimum of 22-29 Credits
   • Business Administration (24 credits) or Agribusiness (17 or 21 credits) minor required.
   • ACCT 201 and 202 are required for this option.

   Course List for Selected Option listed on page two.
Course List for Selected Option:
ACCT 102        COMM 260
ACCT 200        COMM 308
ACCT 201        COMM 313
AGEC 242        COMM 362
AGEC 244        COMM 434
AGEC 246        COMM 482
AGEC 300/400    COMM 484
ANSC 114        COMM 485
ANSC 123        ECON 105
ANSC 196        ECON 201
ANSC 220        ECON 202
ANSC 222        ECON 341
ANSC 320        ECON 343
ANSC 323        ECON 300/400
ANSC 330        ENT 350
ANSC 331        FIN 320
ANSC 357        FIN 300/400
ANSC 463        MGMT 320
ANSC 470        MGMT 300/400
ANSC 496        MIS 370
BUSB 340        MRKT 320
BUSB 350        MRKT 300/400
BUSB 360        PLSC 110
BUSB 487        PLSC 225
BUSB 300/400    PLSC 215
COMM 103        PLSC 315/L
COMM 112        PLSC 320
COMM 114        PLSC 300/400
COMM 212        PLSC 323
COMM 216        RNG 336
SOIL 210

Degree Requirements and Notes:
- Students must maintain a 2.25 GPA in ASM prefix courses.
- Students must register for an internship in ASM the semester it is being taken. This includes the Career Center internships.
- Transfer grades must be ‘C’ or higher to count towards major requirements.
- Suggested minors include: Accounting, Agribusiness, Animal Sciences, Business Administration, Construction Management, Crop & Weed Sciences, Industrial Engineering & Management, Public Relations & Advertising, or Range Science.