

AGRICULTURAL BUSINESS DEGREE REQUIREMENTS
2007-09 Catalog, Iowa State University

1. Communications (12.5)^a

- .5 Lib 160 Library Instruction
- 3 Engl 150 Critical Thinking & Communication
- 3 Engl 250 WOVE Communication
- 3 Engl 302 Business Communication or Engl 309 Rpt & Proposal Writing or Engl 314 Technical Communication
- 3 SpCm 212 Public Speaking or AgEds 311 Presentation Strategies

2. Mathematical & Computer Science (17-18)

- 4 Math 160 Survey of Calculus ^b
- 3 Econ 207 Economic Optimization ^b
- 3 Stat 226 Intro to Business Stat I
- 3 Stat 326 Intro to Business Stat II
- 4 ComS 103 Computer Applications or Department approved substitution

3. Physical Sciences (4-5)

- 5 Chem 163-163L General Chemistry or
- 4 Phys 111 General Physics

4. Life and Environmental Sciences (6)

- 3 Biol 101 Introductory Biology or Biol 211 Principles of Biology
- 3 NREM 120 Renewable Resources or Biol 173

5. Humanities, Ethics, & Social Science (15)

- 3 Ethics (see approved list)
- 3 International (see approved list)
- 3 U.S. Diversity (see approved list)
- 3 Humanities (see approved list)
- 3 Econ 102 (Social Science)

- 3 Acct 284 Financial Accounting
- 3 Acct 285 Managerial Accounting
- 3 Fin 301 Business Finance
- 3 Any one of the following:
Mkt 340 Principles of Mkt
LSCM 360 Business Logistics
Mgmt 310 Entrepreneurship & Innovation
- Mgmt 370 Mgmt of Organizations
- MIS 330 Mgmt Information Systems
- OSCM 320 Production/Operations

Mgmt

7. Agricultural and Free Electives (28-29)

- 6 Ag and Food Sciences
(See suggestions on reverse side)
- 25-26 Free Electives^c
(See examples of double majors and minors on reverse side.)

8. Core Courses (14)

- 4 Econ 101-101L Microeconomics
- 4 Econ 301 Intermediate Micro
- 3 Econ 302 Intermediate Macro or Econ 353 Money and Banking

9. Agricultural Economics (15.5)

- .5 Econ 110 Ag Business Orientation
- 3 Econ 235 Intro to Ag Markets
- 6 Two Econ courses from 300-489^d
- 6 Two Econ courses from 400-489
- R Econ 492 Graduating Senior Seminar

6. Business (12)

In addition to these group requirements, Ag Business majors must satisfy College of Ag Aintensive@ communication, problem solving, computer proficiency, and environmental requirements. These requirements are normally met by taking the above courses.

^aA minimum grade of C is required by the College of Ag in 6 credits of composition and 3 credits of speech.

^bStudents planning to attend graduate school should substitute Math 165 for Math 160 and Math 166 for Econ 207.

^cA sufficient number of elective credits must be taken to reach the minimum number of 128 total credits required to graduate.

^dExcluding Econ 397 and Econ 398.

MINORS and/or DOUBLE MAJORS¹ (Examples)

Advertising
Ag Systems Technology

Agronomy
Animal Science
Business

Economics²
 Entrepreneurial Studies
 Food Safety
 Journalism & Mass Communications
 Mathematics
 Political Science
 Speech Communication
 Statistics
 (see course catalog for others)

AGRN 114 Prin. Of Crop Production
 AGRN 154 Fundamentals of Soil Science
 AGRN 206 Introduction to Meteorology
 AGRN 212 Grain and Forage Crops
 AGRN 220 Crop Quality, Utilization & Eval
 AGRN 317 Weed Science
 AGRN 354 Soil Fertility
 FSHN 101 Food and the Consumer
 FSHN 167 Intr. To Human Nutrition

INT=L PERSPECTIVES COURSES (suggestions)³

ANTHR 201 Cultural Anthropology
 ECON 355/455 International Econ
 ECON 370 Comparative Econ Systems
 ECON 385 Econ Development
 HIST 201 or 202 Western Civilization I or II
 MUSIC 102 Music Listening
 POL S 241 Comparative Gov=t & Politics
 RELIG 105 World Religion
 Any Dept Any travel course

ETHICS COURSES (suggestions)³

AGRN 342 World Food Issues
 ECON 362 Applied Ethics in Ag
 PHIL 201 Intro to Philosophy
 PHIL 230 Moral Theory & Practice
 SOC 325 Ag in Transition

US DIVERSITY COURSES (suggestions)³

AM IN 210 Intro Indian Studies
 ECON 321 Economics of Discrimination
 HDFS 276 Human Sexuality
 PHIL 235 Ethical Issues
 RELIG 210 Religion in America
 SOC 235 Social Problems
 TC 165 Appearance in Society
 WS 201 Intro Womens Studies

AG & FOOD SCIENCE COURSES (suggestions)³

AnS 114 Survey of the Animal Industry
 AnS 214 Domestic Animal Physiology
 AnS 250 Food-Animal Science
 AnS 425 Swine Management
 AST 115 Solving Technology Problems
 AST 324 Soil & Water Conservation Mgt
 AST 330 Farm Machinery & Power Mgt
 AST 333 Precision Farming Systems
 AGED 450 Farm Mgt & Operation

¹ Completing the requirements for a minor or a second major typically provides students with in-depth training that enhances their education and their career opportunities. Suggested courses for students interested in a minor, a double major, or a group of classes in a focused area are available from the undergraduate Economics/Ag Business programs office (174 Heady Hall, 515-294-5436).

² Students seeking a double major in Economics must satisfy all departmental requirements in Economics and have 9 non-overlapping credits in Economics classes.

³ Comprehensive lists of classes that satisfy this requirement are available on line at <http://www.agstudent.iastate.edu/agriculturestudentservices/agstudentservices.htm> or ask your advisor.

Revised 5/23/07