

**Agricultural Education Curriculum Sheet - Teacher Certification
2005-2007 Requirements for the Bachelor of Science Degree**

Credit	Dept	Course No.	Course Title
9.5	Interpersonal & Public Communication*		
3	Engl	104	First-Year Composition
3	Engl	105	First-Year Composition
3	AgEdS	311	Presentation and Sales Strategies for Agricultural Audiences
.5	Lib	160	Library Instruction
18-19	Math, Physical, & Life Sciences		
4	Chem	163 or 177	General Chemistry
1	Chem	163L or 177L	General Chemistry Lab
3	Math	104 or 150	Intro to Probability & Matrices or Discrete Math for Business & Social Sciences
4	Biol	211 & Lab	Principles of Biology I (3 Credit) and Lab (1 Credit)
4	Biol	212 & Lab	Principles of Biology II (3 Credit) and Lab (1 Credit)
<i>or</i>	<i>or</i>		
3	BBMB	221	Structure & Reactions in Biochemical Processes
3	Stat	104	Intro to Statistics
		Computer Proficiency	Satisfied by successful completion of C I 201
18	Humanities, Ethics, and Social Sciences		
3	Psych	230	Developmental Psychology
3	C I	333	Educational Psychology
3	Amer Hist Elective**		Select from approved list (see back)
3	Ethics Elective**		Select from approved list (see back)
3	CI	406	Multicultural Gender Fair Education
3	International Perspect.**		Select from approved list (see back)
37	Agricultural Sciences and Economics		
3	Agron	114	Principles of Agronomy
3	Agron	154	Fundamentals of Soil Science
2	An S	114	Survey of the Animal Industry
2	An S	101	Working with Animals
3	An S	Elective	Any level
3	Acct	284	Financial Accounting
3	Econ	101	Principles of Microeconomics
3	Econ	235	Introduction to Agricultural Markets
3	Econ	330	Farm Business Management
3	AST	210	Fundamentals of Agricultural Systems Technology
3	Hort	221	Principles of Horticulture
6	300+ Electives		300-400 level from ISU College of Ag
31.5	Professional Credits		
3	C I	201	Introduction to Instructional Technology
3	C I	204	Social Foundations of American Education
R	C I	415	Senior Seminar
3	C I	426	Principles of Secondary Education
.5	AgEdS	110A	Orientation for Ag Ed
1	AgEdS	211A	Early Field-Based Experience: High School Agricultural Programs
2	AgEdS	310	Foundations of Agricultural Education Programs
3	AgEdS	401	Planning Agricultural Education Programs
3	AgEdS	402	Methods of Teaching in Agricultural Sciences/Agribusiness
1	AgEdS	416	Pre-Student Teaching Experience in Agricultural Education
12	AgEdS	417	Supervised Teaching in Agricultural Education Programs
13-14	Free Electives		
128	Total Requirements		

A total of 128 credits and a 2.50 grade point average are required for a Bachelor of Science degree.

* English proficiency requires a C or better in 6 credits of written communication, 3 credits of speech and successful completion of Lib 160.

** Website address with complete list on back.

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Prerequisite courses may be required or recommended for some courses.

International Perspectives Requirements:

Approved Courses List

<http://www.iastate.edu/~registrar/courses/ip-list.html>

Commonly taken courses include:

Agron 342, Anthr 201, Anthr 230, Biol 374, Ent 374, FS HN 342, Hist 201, Hist 202, LAS 211, InSt 235, Music 102, Pol S 241, Pol S 251, Relig 105, & Soc 345

U.S. Diversity Requirements:

Approved Courses List

<http://www.iastate.edu/~registrar/courses/diversity-list.html>

Commonly taken courses include:

Am In 210, Art 292, Dsn S 292, C I 250, C I 406, Engl 202X, HD FS 240, HD FS 270, HD FS 276, HIST 245, LAS 150, Phil 235, Relig 210, Soc 235, & W S 201

American History Elective List:

For more current information refer to

<http://www.educ.iastate.edu/teached/files/HISTGOV.pdf>

Hist 221, 222, 351, 352, 353, 354, 365, 366, 370, 386, 450, 451, 454, 455, 458, 459, 462, 463, 464, 465

Pol S 215, 310, 311, 319, 320, 358, 360, 361, 420, 421, 433, 475, & 476

Ethics Elective:

Approved Courses List

<http://www.agstudent.iastate.edu/agriculturestudentservices/curriculum/ethicslist.html>

Commonly taken courses include:

Agron 342, Agron 450, Agron 492, Econ 362, LAS 381, Ling 207, Mgmt 419, Phil 201, Phil 206, Phil 207, Phil 230, Phil 235, Relig 260, Soc 325, Soc 362x, T SC 341

Note: A single course cannot count in more than one area. If a course meets more than one requirement, the student may choose which requirement the course will fulfill.

Other Important Sites:

AgEdS Teacher Education Website

<http://www.teachaged.iastate.edu>
<http://www.agnet.iastate.edu/>

Department of Teacher Education Website

<http://www.educ.iastate.edu/teached/homepage.htm>