

ATM General Education Check List

(Effective Fall 2007)

Student Name: _____ Student I.D.: _____

For Transfer Students, Use the Space Below to Determine Hours of General Education Requirements.

Any college credit prior to _____ Yes No

Number of hours transferred at **Initial Date of Entry** _____

Total Number of General Education Hours to be taken at KSU _____

Number of Completed Transfer Credit Hours Accepted at KSU on Initial Date of Entry	Minimum University General Education Credit Hours to be taken at KSU
0 — 14	18
15 — 29	15
30 — 44	12
45 — 59	9
60 and above	6

A CURRENT LIST OF GENERAL EDUCATION APPROVED COURSES MAY BE VIEWED AT:

<http://www.ksu.edu/registrar/enroll/gened.html>

PLEASE VERIFY THAT YOUR COURSES ARE ON THIS LIST

Semester Taken	Course Number	Credit Hours	Course Name	Gen Ed Area ¹ (Four Required)
List the General Education courses numbered lower than 300. (Minimum 12 hours)				
	ECON 110	3	Principles of Macroeconomics	E
	CHM 210	4	Chemistry I	P
	BIOL 198	4	Principles of Biology	B
	ACCTG 231	3	Accounting for Business Operations	Q
List the General Education courses numbered 300 or higher. (Minimum 6 hours)				

¹General Education courses are required in at least four of the following areas (a course may be used in only one category):

E = economics

S = social sciences

H = humanities

C = communications (e.g., writing or verbal intensive courses)

Q = quantitative sciences (e.g. statistics, mathematics)

B = biological sciences (e.g., biology, botany)

P = physical sciences (e.g., chemistry, geology, physics)

A = a course from a professional college — architecture, agriculture (one agriculture course outside one's major can be used only as a free or restricted elective), business, education, human ecology, engineering.

Agricultural Technology Management Recommended Course Lists

LIST 1: COMMUNICATION ELECTIVES

AGCOM400	Agricultural Business Communications	3
AGCOM410	Agricultural Student Magazine	2
ENGL 300	Expository Writing III	3
ENGL 516	Written Communications for the Sciences	3
SPCH 311	Business and Professional Speaking	3
SPCH 321	Public Speaking II	2
SPCH 325	Argumentation and Debate	3
SPCH 326	Small Group Discussion Methods	3
SPCH 726	Seminar in Persuasion	3
MC 200	News and Feature Writing	3
MKTG 542	Marketing Channels	3
AGED 706	Teaching Adults in Extension	3
◆GENAG 450	Citizenship and Ethics in Agriculture	3

LIST 2: HUMANITIES AND/OR SOCIAL SCIENCE ELECTIVES

American ethnic studies—any course		
Architecture, planning, and design—any course in history or appreciation of architecture or environmental design		
Anthropology—any course		
Art—course in appreciation and theory		
Dance—any course		
Economics—above ECON 110 Principles of Macroeconomics		
English—any except courses in composition		
Geography—any except GEOG 220 Environmental		
Geography I and GEOG 221 Environmental Geography II		
History—any course		
Family studies and human services—any course		
Modern languages—any course		
Music—any course in theory or appreciation of music		
Philosophy—any course		
Political science—any course		
Psychology—any course		
Sociology, anthropology, and social work—any course		
Theatre—any course		
Women's studies—any course		
PSYCH 560	Industrial Psychology	3
DEN 325	Introduction to Personal and Professional Dev	1

LIST 3 TECHNOLOGY ELECTIVES

AGRON 655	GIS & Site Specific Agriculture	3
ATM 460	Internship in Agricultural Technology Management	1-3
ATM 515	Problems in Ag Tech Mgmt	VAR
ATM 550	Precision Ag Technologies	3
◆GENAG 582	Natural Resources/Environmental Sciences Project	3
◆GEOG 508	Geographic Information System I	3
GRSC 540	Engineering Apps in Food/Grain Process	3
GRSC 541	Engineering Apps in Food/Grain Process Lab	1
GRSC 610	Electricity & Its Control for Grain Processing Industry	3
GRSC 655	Cereal Food Plant Design & Construction	3

Recommended College of Engineering Courses:

ARE 311	CAD in Engineering and Construction	2
CNS 231	Statics A	3
CNS 320	Construction Materials	2
DEN 210	History of Building Construction	3
DEN 325	Introduction to Personal & Professional Development	1
DEN 300	Introduction to Total Quality Management	1
IMSE 252	Welding Laboratory	1
IMSE 530	Engineering Economic Analysis	2

Any Other College of Engineering Course

LIST 4: AGRIBUSINESS AND MANAGEMENT ELECTIVES

◆ACCTG 241	Accounting for Investment and Financing	3
◆AGEC 120	Agricultural Economics and Agribusiness	3
◆AGEC 525	Natural Resource and Environmental Economics	3
*Any other Agricultural Economics course(s)		
ECON 520	Intermediate Macroeconomics	3
ECON 530	Money and Banking	3
ECON 681	International Trade	3
FINAN 450	Introduction to Finance	3
IMSE 501	Industrial Management	3
MANGT 390	Business Law I	3
MANGT 420	Management Concepts	3
MANGT 421	Introduction to Operations Management	3
◆MKTG 400	Introduction to Marketing	3
MKTG 450	Consumer Behavior	3
GRSC 630	Management Applications in the Grain Processing Industries	3

LIST 5: BIOLOGICAL, NATURAL RESOURCE & ENVIRONMENTAL SCIENCES

AGRON 220	Crop Science	4
AGRON 330	Weed Science	3
◆AGRON 335	Environmental Quality	3
AGRON 375	Soil Fertility	3
AGRON 385	Soil Fertility Laboratory	2
AGRON 501	Range Management	3
AGRON 550	Forage Management and Utilization	3
AGRON 551	Forage Management and Utilization Laboratory	1
AGRON 630	Crop Improvement and BioTechnology	3
AGRON 635	Soil Conservation and Management	3
AGRON 655	Site Specific Agriculture	3
ASI 500	Genetics	3
BIOL 455	General Microbiology	4
BIOL 500	Plant Physiology	4
BIOL 529	Fundamentals of Ecology	3
BIOL 513	Physiological Adaptations of Animals	3
BIOL 612	Freshwater Ecology	4
BIOL 303	Ecology of Environmental Problems	3
◆BIOL 330	Public Health Biology	3
◆CHM 315	Environmental Science: A Chemistry Perspective	3
ENTOM 300	Economic Entomology	3
◆ENTOM 301	Insects and People	3
◆GEOG 221	Environmental Geography I	4
◆GEOG 508	Geographic Information System I	3
GEOG 305	Earth Resources	3
◆GEOL 506	Geology and Environment	3
HORT 201	Principles of Horticultural Science	4
◆PLPTH 300	Microbes, Plants, and the Human Perspective	3
PLPTH 500	Principles of Plant Pathology	3
◆GEN AG582	NRES Capstone	3

Horticulture, Forestry and Recreation Resources courses with consent of advisor.

LIST 6: ANIMAL SCIENCES ELECTIVES

ASI	102	Principles of Animal Science	3
ASI	315	Livestock and Meat Evaluation	3
ASI	318	Fundamentals of Nutrition	3
ASI	320	Principles of Feeding	3
		<i>cannot take 300</i>	
ASI	400	Farm Animal Reproduction.....	4
ASI	422	Livestock Sales Management.....	1
ASI	450	Principles of Livestock Selection.....	2
ASI	470	Form and Function in Livestock.....	2
ASI	510	Animal Breeding Principles	3
ASI	512	Bovine Reproductive Technologies.....	2
ASI	515	Beef Science	3
ASI	521	Horse Science	3
ASI	524	Sheep Science.....	3
ASI	533	Anatomy and Physiology	4
ASI	535	Swine Science	3
ASI	620	Livestock Production and Management.....	2
ASI	655	Behavior of Domestic Animals.....	3
AGRON	501	Range Management.....	3
AGRON	550	Forage Management and Utilization.....	3
AGRON	551	Forage Management and Utilization Laboratory.....	1
◆BIOCH	265	Introduction to Organic and Biochemistry	5
ENTOM	305	Animal Health Entomology	2
ENTOM	306	Animal Health Entomology Laboratory	1

LIST 7: FOOD AND FEED PROCESSING ELECTIVES

ASI	350	Meat Science	3
ASI	361	Meat Animal Processing	2
ASI	370	Principles of Meat Evaluation	3
ASI	405	Fundamentals of Milk Processing	3
FDSCI	430	Food Products Evaluation.....	3
ASI	608	Dairy Food Processing & Technology	3
ASI	610	Processed Meat Operations.....	2
FDSCI	302	Introduction to Food Science.....	3
FDSCI	305	Fundamentals of Food Processing.....	3
FDSCI	607	Food Microbiology	4
FDSCI	694	Food Plant Management	2
FDSCI	695	Quality Assurance of Food Products.....	3
GRSC	110	Flow Sheets.....	2
GRSC	150	Principles of Milling	3
GRSC	500	Milling Science	4
GRSC	510	Feed Technology I	4
GRSC	540	Engineering Apps in Food/Grain Process.	3
GRSC	541	Engineering Apps in Food/Grain Process Lab	1
GRSC	602	Cereal Science.....	3
GRSC	610	Electricity & Its Control for the Grain Processing Ind....	3
GRSC	651	Food & Feed Production Protection	4
GRSC	655	Cereal Food Plant Design & Construction	3

◆Courses meeting UGE requirements—

