AGRICULTURAL ECONOMICS AND AGRICULTURAL BUSINESS - BACHELOR OF SCIENCE IN AGRICULTURE

Students must complete all University degree requirements, which include: General Education requirements, Viewing a Wider World requirements, and elective credits to total at least 120 credits with 48 credits in courses numbered 300 or above. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Prefix	Title	Credits
General Education		
Area I: Communications		
English Composition - Level 1		
ENGL 1110G	Composition I	4
English Composition - Level 2		
Select one from the following:		3
ENGL 2130G	Advanced Composition	
ENGL 2210G	Professional & Technical Communication	
ENGL 2210H	Professional and Technical Communication Honors	
ENGL 2215G	Advanced Technical and Professional Communication	
ENGL 2221G	Writing in the Humanities and Social Science	
Oral Communication		
Select one from the following:		3
ACOM 1130G	Effective Leadership and Communication in Agriculture	
COMM 1115G	Introduction to Communication	
COMM 1130G	Public Speaking	
HNRS 2175G	Introduction to Communication Honors	
Area II: Mathematics		
MATH 1430G	Applications of Calculus I [2]	3
Area III/IV: Laboratory Sciences and Social/Behavioral Sciences		*10*
ECON 2110G	Macroeconomic Principles (Economic Theory Coursework)	
ECON 2120G	Principles of Microeconomics (Economic Theory Coursework)	
Area III: Laboratory Sciences (4 credits) [1]		
Area V: Humanities [1]		*3*
Area VI: Creative and Fine Arts [1]		*3*
General Education Elective [1]		*3-4*
Viewing a Wider World [3]		**6**
Departmental/ College Requirements		
Quantitative		*12*
AEEC 2140	Technology and Communication for Business Management	
AEEC 342	Economic Analysis of Food and Agribusiness	
AEEC 350	Spreadsheet Applications in Food and Agriculture	
Choose one from the following:		
A ST 311	Statistical Applications	
MATH 1350G	Introduction to Statistics	
General Business		*15*
ACCT 2110	Principles of Accounting I	
ACCT 2120	Principles of Accounting II	
BLAW 316	Legal Environment of Business	
BFIN 341	Financial Analysis and Markets	
Select one from the following:		
MGMT 309	Human Behavior in Organizations	
MGMT 332	Human Resources Management	
MGMT 361	Small Business Management	
Economic Theory [4]		*6*
AEEC 340	Economics of Food and Agricultural Markets	
or ECON 312	Intermediate Microeconomic Theory	
ECON 304	Money and Banking	
or ECON 311	Intermediate Macroeconomic Theory	
Applied Economics/Business		*25*
ACES 1120	Freshman Orientation	
ACES 1210	Financial Fitness for College Students	
AEEC 1110	Introduction to Agricultural Economics and Business	
AEEC 1120	Careers in Food and Agribusiness	
AEEC 2110	Principles of Food and Agribusiness Management	
AEEC/MKTG 305	Marketing and Food Agricultural Products	
AEEC 385	Applied Production Economics	
AEEC 400	Senior Seminar	
AEEC 425	Food and Agribusiness Financial Management	
AEEC 445V	Agricultural Policy	
AEEC 456	Case Studies in Food and Agribusiness Management	
Required Specialty Area [5]		*6*
Select and Complete two courses (6 hrs) from one Specialty Area:		
Natural Resources		
AEEC 314	Agricultural and Natural Resource Law	
AEEC/ECON 384V	Water Resource Economics	
AEEC/ECON 337V	Natural Resource Economics	
Finance		
AEEC 311	Financial Derivative Markets	
AEEC/BFIN 470	Real Estate Appraisal	
Marketing		
AEEC/MKTG 451	Food and Agribusiness Market Assessment	
Second Language: (not required)		
Electives, to bring the total credits to 120 [6]		**17-18**
Total Credits		**120**

1

See the General Education (http://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/) section the catalog for a full list of courses. It is strongly encouraged that students satisfy the Area II Laboratory Science category by enrolling in AGRO 1110G Introduction to Plant Science (Lecture & Lab).

2

MATH 1430G Applications of Calculus I is required for the degree but students may need to take any prerequisites needed to enroll in MATH 142G first.

3

See the Viewing a Wider World (http://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/#viewingawiderworldtext) section of the catalog for a full list of courses.

4

Students who are interested in graduate degrees should consult with their academic advisor or faculty mentor early in their undergraduate program as some courses may have specific grade requirements and/or prerequisites. Our department participates in NMSU's Graduate School MAP Program where students can take graduate courses during the last part of their undergraduate degree.

5

Specialty Areas are Natural Resources, Finance, and Marketing. Students must complete two courses from the selected Specialty Area.

6

Elective credits may vary based on prerequisites, dual credit, AP credit, double majors, and/or minor coursework. The amount indicated in the requirements list is the amount needed to bring the total to 120 credits and may appear in variable form based on the degree. However, students may end up needing to complete more or less on a case-by-case basis and students should discuss elective requirements with the academic advisor.

A Suggested Plan of Study for Students

A roadmap for students coming into Department of Agricultural Economics and Agricultural Business without deficiences and without advanced coursework, e.g., AP course credit or dual credits wishing to pursue a degree in Agricultural Economics and Agricultural Business (AEAB).

This roadmap assumes student placement in MATH 1215 and ENGL 1110G. The contents and order of this roadmap may vary depending on initial student placement in mathematics and english. It is only a suggested plan of study for students and is not intended as a contract. Course availability may vary from fall to spring semester and may be subject to modification or change.

First Year

Fall		**Credits**
ACES 1120	Freshman Orientation	1
ACES 1210	Financial Fitness for College Students	1
AEEC 1120	Careers in Food and Agribusiness	1
AEEC 1110	Introduction to Agricultural Economics and Business	3
ENGL 1110G	Composition I	4
ECON 2110G	Macroeconomic Principles	3
AEEC 2140	Technology and Communication for Business Management	3
	Credits	**16**

Spring		
Choose one from the following:		3
ENGL 2130G	Advanced Composition	
ENGL 2210G	Professional & Technical Communication	
ENGL 2221G	Writing in the Humanities and Social Science	
ENGL 2210H	Professional and Technical Communication Honors	
ENGL 2215G	Advanced Technical and Professional Communication	
AEEC 2110	Principles of Food and Agribusiness Management	3
ECON 2120G	Principles of Microeconomics	3
Area III: Laboratory Science Course [1]		4
MATH 1215	Intermediate Algebra [2]	3
	Credits	**16**

Second Year

Fall		
MATH 1220G	College Algebra [2]	3
Choose one from the following:		3
ACOM 1130G	Effective Leadership and Communication in Agriculture	
COMM 1115G	Introduction to Communication	
COMM 1130G	Public Speaking	
HNRS 2175G	Introduction to Communication Honors	
AEEC 305 or MKTG 305	Marketing and Food Agricultural Products or Marketing and Food Agricultural Products	3
VWW - Viewing a Wider World Course [3]		3
Area V: Humanities [1]		3
	Credits	**15**

Spring		
MATH 1430G	Applications of Calculus I	3
Choose one from the following:		3
A ST 311	Statistical Applications	
MATH 1350G	Introduction to Statistics	
Choose one from the following:		3
MGMT 309	Human Behavior in Organizations	
MGMT 332	Human Resources Management	
MGMT 361	Small Business Management	
Area VI: Creative and Fine Arts [1]		3
Free Elective Course [4]		3
	Credits	**15**

Third Year

Fall		
ACCT 2110	Principles of Accounting I	3
AEEC 342	Economic Analysis of Food and Agribusiness	3
AEEC 350	Spreadsheet Applications in Food and Agriculture	3
AEEC 445V	Agricultural Policy ((doesn't count towards VWW))	3
Any General Education Elective - "G" Course [1]		3
	Credits	**15**

Spring		
ACCT 2120	Principles of Accounting II	3
AEEC 340 or ECON 312	Economics of Food and Agricultural Markets or Intermediate Microeconomic Theory	3
BFIN 341	Financial Analysis and Markets	3
Required Specialty Area Course [5]		3
Free Elective Course [4,6]		3
	Credits	**15**

Fourth Year

Fall		
ECON 304 or ECON 311	Money and Banking or Intermediate Macroeconomic Theory	3
AEEC 385	Applied Production Economics	3
AEEC 425	Food and Agribusiness Financial Management	3
Required Specialty Area Course [5]		3

Free Elective Course [4, 6]		3
	Credits	**15**
Spring		
AEEC 400	Senior Seminar	1
AEEC 456	Case Studies in Food and Agribusiness Management	3
VWW - Viewing a Wider World Course [3]		3
BLAW 316	Legal Environment of Business	3
Free Elective Course [4, 6]		3
	Credits	**13**
	Total Credits	**120**

1

See the General Education (http://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/) section the catalog for a full list of courses. It is strongly encouraged that students satisfy the Area II Laboratory Science category by enrolling in AGRO 1110G Introduction to Plant Science (Lecture & Lab).

2

MATH 1430G Applications of Calculus I is required for the degree but students may need to take any prerequisites needed to enroll in MATH 1430G Applications of Calculus I first.
**MATH 1215 and MATH 1220G are prerequisites, but if they are not needed use Free Elective Courses to replace the courses in the Roadmap*

3

See the Viewing a Wider World (http://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/#viewingawiderworldtext) section of the catalog for a full list of courses.

4

Elective credits may vary based on prerequisites, dual credit, AP credit, double majors, and/or minor coursework. The amount indicated in the requirements list is the amount needed to bring the total to 120 credits and may appear in variable form based on the degree. However, students may end up needing to complete more or less on a case-by-case basis and students should discuss elective requirements with the academic advisor.

5

Specialty Area courses can be found on the Requirements (p. 1) tab of this degree. The areas are Natural Resources, Finance and Marketing. Students must complete two courses from the selected Specialty Area

6

Students who are interested in graduate degrees should consult with their academic advisor or faculty mentor early in their undergraduate program as some courses may have specific grade requirements and/or prerequisites. Our department participates in NMSU's Graduate School MAP Program where students can take graduate courses during the last part of their undergraduate degree.
**The 4th Year Semester (Spring) shows 13 hours. Student's financial aid requirement may require them to enroll in 15 hours.*