



APS AGRIBUSINESS MANAGEMENT SYSTEMS

The Agribusiness Management Systems major supports the college mission by striving to develop students into competent citizens through general education and promoting involvement, innovation, and individuality in the agribusiness industry.

Faculty

Reagan Cavanaugh; Assistant Professor

Career Opportunities

Agribusiness Management graduates are pursuing careers in agricultural management, marketing and finance in relevant industries.

APS Agribusiness Management Systems - Associate of Applied Science Degree

Associate of Applied Science General Education	
Complete requirements	17
Credit Hours Subtotal:	17
Agricultural Production Systems Core	
AGR 2903 INTERNSHIP	3
or ABM 2013 INTERNSHIP	
or ASI 2903 INTERNSHIP	
ECN 1103 INTRODUCTION TO AG ECONOMICS	3
ABM 2854 FARM & RANCH MANAGEMENT	4
ACT 1103 ACCOUNTING I	3
or ABM 2963 FARM, RANCH, AND SMALL BUSINESS RECORD KEEPING	
AGR 2982 AGRICULTURAL PRODUCTION SYSTEMS CAPSTONE	2
Agribusiness Management Systems Core	15
ABM 2403 AG FINANCE	
ABM 2603 AG LAW	
ABM 2903 ENTREPRENEURSHIP	
ACT 1103 ACCOUNTING I ((Or ABM 2963))	
ECN 1303 MACROECONOMICS	
MGT 2103 MGT CONCEPTS	
MKT 2203 AG MARKETING	
MKT 2103 RETAIL MARKETING	
Agriculture Coures (AGR, ASI, AEQ)	12
Choose 12 Credit Hours	
Advisor Guided Electives	8
Credit Hours Subtotal:	50
Total Credit Hours	67

APS Agribusiness Management Systems - Associate of Science Degree (transfer)

Associate of Science General Education	
Complete requirements	24

Credit Hours Subtotal:	24
Agribusiness Management Specialization	
ABM 2854 FARM & RANCH MANAGEMENT	4
ACT 1103 ACCOUNTING I	3
ECN 1103 INTRODUCTION TO AG ECONOMICS	3
ECN 1303 MACROECONOMICS	3
MKT 2203 AG MARKETING	3
Agricultural Support- Choose 9 credits	9
AGR 1204 PRINCIPLES OF SOILS	
AGR 2304 SOIL FERTILITY	
AGR 2403 CROP MANAGEMENT	
ASI 1213 LIVESTK & CARC EVAL	
ASI 2303 RANGE MANAGEMENT	
ASI 2513 MEAT SCIENCE	
Advisor Guided Electives	11
Credit Hours Subtotal:	36
Total Credit Hours	60

Agribusiness Management Systems, Certificate

Choose 15 credit hours from the following courses:	15
ABM 2403 AG FINANCE	
ABM 2854 FARM & RANCH MANAGEMENT	
ACT 1103 ACCOUNTING I	
or ABM 2963 FARM, RANCH, AND SMALL BUSINESS RECORD KEEPING	
ECN 1103 INTRODUCTION TO AG ECONOMICS	
ECN 1303 MACROECONOMICS	
MKT 2103 RETAIL MARKETING	
MKT 2203 AG MARKETING	
<i>Advisor Guided Electives</i>	<i>5</i>
Total Credit Hours	20

ABM 1201 AG BUSINESS FOUNDATIONS

Description: The goal of this course is to help the student make a successful transition from high school to the College by providing the opportunity to explore the various Ag Business disciplines and associated campus and career opportunities. The student will be asked to take an active involvement in academic issues and topics such as the facilities and offerings provided by AMS and NCTA, requirements for successful course and program completion, and the values and skills that lead to professional and personal success. Students will be given the opportunity to develop their "intercultural knowledge and competence" and "information literacy" skills and abilities.

Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Grading Option: Graded

ABM 2003 CRITICAL THINKING

Description: Living in the information age, it is imperative to be able to process, sort and analyze information, not just for usefulness but also for accuracy. This course is designed to equip students with the tools necessary to work with the amount of information available today and to make good decisions based on sound solutions in an ever-changing workplace.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

ABM 2013 INTERNSHIP

Description: Internship includes a mandatory 8-week job placement experience at an approved work location. Agreements are entered into between the student, the employer and the college. (Pre req: Approval by Academic Lead, students are required to have a minimum CGPA of 2.0 before being allowed to go out on internship and must have completed two semesters)

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

ABM 2103 PERSONAL FINANCE

Description: Following the Dave Ramsey "Foundations in Personal Finances", College Edition, students will develop practical and relevant personal financial skills.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

ABM 2403 AG FINANCE

Description: An in-depth study of financial analysis and the financial institutions which serve agricultural businesses. For each particular type of financial institution, this course will study its sources of capital, its general loan criteria used to evaluate loan requests, and its financial performance. For ag borrowers, this course will also examine their financial condition, their projected cash flow and the importance of risk management. (Pre req: ACT 1103 and MTH 1203 or MTH 1503)

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

ABM 2503 AGRICULTURAL DECISION ANALYSIS

Description: Introduction to quantitative decision-making methods for effective agribusiness management, emphasis on problem identification, model formulation and solution, interpretation and presentation of results. (Pre req: AIT 1003)

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

ABM 2603 AG LAW

Description: The study of law that governs agriculture. To include estate planning, contracts, leasing, water rights, fencing rights, tortes, personal and liability for the producer and agribusiness. This course will include guest lectures from regional attorneys.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

ABM 2854 FARM & RANCH MANAGEMENT

Description: (Pre req: ECN 1103 or equivalent. Presents business management concepts which are involved in the decision-making process when organizing and operating a farming/ranching operation. Including production economics, record keeping systems, financial budgets and analysis, crop and livestock enterprise analysis, depreciation, cash flow planning equity, and production efficiency indicators.

Credit Hours: 4

Max credits per semester: 4

Max credits per degree: 4

Grading Option: Graded

ABM 2903 ENTREPRENEURSHIP

Description: This course includes the skills and attitudes necessary for starting and maintaining a successful business: personal (self) assessment, government regulations, financing and marketing options, and writing a business plan. (Pre req: ACT 1103, MGT 2103, ACT 1203 or enrolled in ACT 1203)

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

ABM 2963 FARM, RANCH, AND SMALL BUSINESS RECORD KEEPING

Description: Business record systems for farming and ranching. Manual and computerized record keeping techniques to aid farm and ranch managers and small business owners in making management and production decisions and preparing tax returns.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

ABM 2991 INDEPENDENT STUDY

Description: This course consists of elective individual or group projects. Projects may include research, continuing education programs, and group tours. The project is developed under the supervision and evaluation of a department faculty member who is willing and available to contract with the student. This class requires a written paper, and may require a presentation (up to the discretion of the supervising faculty member). Students may enroll in this course a maximum of 3 times, for a total of 3 credit hours. (Pre req: Approval of project by Instructor, Advisor, and Academic Lead)

Credit Hours: 1-3

Min credits per semester: 1

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

ACT 1103 ACCOUNTING I

Description: This course is a study in the fundamentals of accounting concepts and procedures. Concepts include financial reporting and analysis.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded



ACT 1203 ACCOUNTING II

Description: Continuation of Accounting I with emphasis given to financial statement analysis, costing systems, and the budgeting process. The managerial uses of accounting information for decision making are introduced. (Pre req: ACT 1103)

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

- AMS students will be able to demonstrate computer skills.
- AMS students will be able to apply economic information to real world situations.
- AMS students will be able to think critically and demonstrate problem-solving skills.
- AMS students will be able to read, comprehend, and analyze basic financial statements and demonstrate basic accounting skills.
- AMS students will be able to effectively communicate in both an oral and written format.
- AMS students will be able to demonstrate skills enabling them to work effectively as individuals and in groups.

Agribusiness Management Systems with Management Option, AAS

Suggested Sequence of Study

Course	Title	Credit Hours
First Year		
Fall		
ABM 1201	AG BUSINESS FOUNDATIONS	1
ACT 1103	ACCOUNTING I	3
ECN 1103	INTRODUCTION TO AG ECONOMICS	3
ENG 1503	TECHNICAL COMMUNICATION I	3
SPC 1103	SALES COMM	3
Advisor Guided Electives		3
Credit Hours		16
Spring		
ABM 2603	AG LAW	3
ECN 1303	MACROECONOMICS	3
ABM 2963	FARM, RANCH, AND SMALL BUSINESS RECORD KEEPING	3
MTH 1403 or MTH 1503	AGRICULTURAL MATHEMATICS or COLLEGE ALGEBRA	3
Advisor Guided Electives		3
Credit Hours		15
Summer		
ABM 2013	INTERNSHIP	3
Credit Hours		3
Second Year		
Fall		
ABM 2403	AG FINANCE	3
ABM 2854	FARM & RANCH MANAGEMENT	4
ECN 1803	STATISTICS	3
MGT 2103	MGT CONCEPTS	3

Advisor Guided Electives		4
Credit Hours		17
Spring		
ABM 2903	ENTREPRENEURSHIP	3
MKT 2203	AG MARKETING	3
AGR 2823	INTRODUCTION TO GLOBAL AGRICULTURE AND NATURAL RESOURCES	3
CHM 1014	CHEMISTRY IN CONTEXT I	4
Advisor Guided Electives		3
Credit Hours		16
Total Credit Hours		67

Suggested Sequence of Study Agribusiness Management Systems with Transfer Option, AS Suggested Sequence of Study

Course	Title	Credit Hours
First Year		
Fall		
ABM 1201	AG BUSINESS FOUNDATIONS	1
ACT 1103	ACCOUNTING I	3
ECN 1103	INTRODUCTION TO AG ECONOMICS	3
ENG 1903	WRITING & INQUIRY	3
BIO 1313	PLANT SCIENCE	3
BIO 1321	AGRONOMIC PLANT SCIENCE LABORATORY	1
Credit Hours		14
Spring		
ECN 1303	MACROECONOMICS	3
AGR 2823	INTRODUCTION TO GLOBAL AGRICULTURE AND NATURAL RESOURCES	3
HTY 1303	AMERICAN HISTORY AFTER 1877	3
MTH 1503	COLLEGE ALGEBRA	3
Advisor Guided Elective		3
Credit Hours		15
Second Year		
Fall		
ABM 2403	AG FINANCE	3
ABM 2854	FARM & RANCH MANAGEMENT	4
ECN 1803	STATISTICS	3
SPC 1113	PUBLIC SPEAKING	3
Advisor Guided Electives		3
Credit Hours		16
Spring		
ABM 2903	ENTREPRENEURSHIP	3
HTY 1303	AMERICAN HISTORY AFTER 1877	3
MKT 2203	AG MARKETING	3
CHM 1014	CHEMISTRY IN CONTEXT I	4

Advisor Guided Electives	2
Credit Hours	15
Total Credit Hours	60