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## Farm and Ranch Management - CERT B

### Semester-by-Semester Pathway

A Certificate is outlined coursework that is designed to prepare a student to head out into the workforce in a short timeframe or for career advancement. This certificate totals 39 credit hours. Consult with an advisor for more information. Not all courses are offered each semester.

(T) are Systemwide Transfer Courses

(★) are recommended for this degree pathway.

Semester 1 - Fall				
Complete	Course ID	Course Title	Credit Hours	Notes
<b>Required Courses</b>				
	FM102	Farm Crop Production	4.00	Fall 2026
	FM202	Agriculture Marketing	3.00	Fall 2026
<b>Electives</b>				
	<b>Cert B Farm &amp; Ranch Management Electives</b>		3.00	
<b>Semester Total:</b>			<b>10.00</b>	

Semester 2 - Spring				
Complete	Course ID	Course Title	Credit Hours	Notes
<b>Required Courses</b>				
	AG103	Principles of Animal Science	3.00	Spring 2026, Fall 2026
	FM105	Farm Management	3.00	Spring 2026, Fall 2026
	FM109	Livestock Management	3.00	Spring 2026, Fall 2026
<b>Electives</b>				
	<b>Cert B Farm &amp; Ranch Management Electives</b>		1.00	
<b>Semester Total:</b>			<b>10.00</b>	

Semester 3 - Fall				
Complete	Course ID	Course Title	Credit Hours	Notes
<b>Required Courses</b>				
	AG104	Plant Science	4.00	Fall 2026
	AG105	Principles of Agricultural Economics	3.00	Spring 2026, Fall 2026
<b>Electives</b>				
	<b>Cert B Farm &amp; Ranch Management Electives</b>		3.00	
<b>Semester Total:</b>			<b>10.00</b>	

### Semester 4 - Spring

Complete	Course ID	Course Title	Credit Hours	Notes
<b>Required Courses</b>				
	AG102	Introduction to Food Science	3.00	Spring 2026, Fall 2026
	AG203	Principles of Feeding	3.00	Spring 2026
	AG204	Range Management	3.00	Spring 2026
<b>Electives</b>				
<b>Semester Total:</b>			<b>9.00</b>	

**Total Credits: 39.00**

\*Semester offerings reflect the current academic year.

**Cert B Farm & Ranch Management Electives**

<b>Course ID</b>	<b>Course Title</b>	<b>Credit Hours</b>	<b>Notes</b>
AG130	Bovine Artificial Insemination	1.00	Fall 2026
AG140	Sales Management	2.00	Fall 2026
BU100	Small Business Accounting	3.00	Spring 2026, Summer 2026, Fall 2026
BU105	Introduction to Business ▶	3.00	Spring 2026, Summer 2026, Fall 2026
FM111	Pesticide Applications	1.00	Fall 2026
IS104	Microcomputer Applications ▶	3.00	Spring 2026, Summer 2026, Fall 2026