

# BUSINESS MANAGEMENT FOR AGRICULTURAL AND LIFE SCIENCES, CERTIFICATE

- Minimum average 2.000 GPA in all certificate courses.
- 12 credits in the certificate must be taken in residence.

## CERTIFICATE COMPLETION REQUIREMENT

This undergraduate certificate must be completed concurrently with the student's undergraduate degree. Students cannot delay degree completion to complete the certificate.

### REQUIREMENTS

Code	Title	Credits
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**Completion of the certificate requires a total of six courses.**

*The following four courses are required:*

A A E 215	Introduction to Agricultural and Applied Economics	4
LSC 270	Marketing Communication for the Sciences	3
GEN BUS 310	Fundamentals of Accounting and Finance for Non-Business Majors	3
GEN BUS 311	Fundamentals of Management and Marketing for Non-Business Majors	3

*Select two courses from the following:* 5-6

A A E 319	The International Agricultural Economy	
A A E 320	Agricultural Systems Management	
A A E 322	Commodity Markets	
A A E 323	Cooperatives and Alternative Forms of Enterprise Ownership	
A A E 335	Introduction to Data Analysis using Spreadsheets	
A A E 419	Agricultural Finance	
A A E/ECON 421	Economic Decision Analysis	
A A E 422	Food Systems and Supply Chains	
A A E/ECON 526	Quantitative Methods in Agricultural and Applied Economics	
A A E/M H R 540	Intellectual Property Rights, Innovation and Technology	
DY SCI 233	Dairy Herd Management I	
DY SCI 234	Dairy Herd Management II	
DY SCI 535	Dairy Farm Management Practicum	
LSC 250	Research Methods in the Communication Industry	
LSC 251	Science, Media and Society	
LSC 432	Social Media for the Life Sciences	
LSC 435	Brand Strategy for the Sciences	

**Total Credits** 18-19

- No substitutions are allowed for the core courses.
- Students may count no more than two courses toward both their major requirements and these certificate requirements.