

# Integrated Resource Management

## Master of Agriculture (M.Agr.)

*Develop your practical skills and knowledge to manage resources sustainably and profitably*



### Specific Admission Requirements

- Bachelor's degree from a regionally accredited institution
- Cumulative GPA of 3.0 on all undergraduate coursework

### Program Completion Requirements

- Minimum of 33 credit hours
- Minimum of one internship
- Completion of a professional paper

### Time Frame

This program has a tentative time frame of two years. Program duration may vary based on previous course work, intensity of study, and course availability. Summer courses are not required.

### Contact Us

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### For more information

[www.online.colostate.edu/degrees/irm/](http://www.online.colostate.edu/degrees/irm/)

## Overview

Integrated Resource Management (IRM) is the concept within agricultural production that addresses economic and environmental variables that are oriented toward more sustainable production. Changes in rural America require agricultural managers to manage land, animal, human, and natural resources to ensure both long-term profitability and sustainability of farms, ranches, and rural communities.

At the same time, society demands preservation of open space and outdoor recreation as a requirement in both urban and rural areas. Preservation and sustainability of agricultural land is vital for food security, wildlife habitat, outdoor recreation, and continuing the rural heritage of families and communities. This Master of Agriculture degree will give you the knowledge and skills necessary to operate an agricultural business efficiently and sustainably, while making a profit.



# Degree Requirements and Curriculum

This program teaches professionals in agriculture, government, and natural resources to:

- Manage rangeland and animal production for both long-term profitability and sustainability
- Apply an integrated approach to successfully manage the needs and interests of multiple stakeholders

The Integrated Resource Management graduate degree program allows you to take the 11 required courses in the order that best suits your educational and professional needs. All online courses combine the same rigorous training as campus courses with directed, hands-on, problem-solving experiences that apply to real-life land management scenarios. Courses include:

- AGRI 630 – Integrated Decision Making and Management Skills (3 cr.)
- AGRI 631 – Building the Business (3 cr.)
- AGRI 632 – Managing for Ecosystem Sustainability (3 cr.)
- AGRI 633 – Understanding and Managing the Animal Resource (3 cr.)
- AGRI 634 – Animal Production Systems (3 cr.)
- AGRI 635 – Integrated Grazing Management (3 cr.)
- AGRI 636 – Analyzing and Managing the Business (3 cr.)
- AGRI 637 – Understanding Policy and Emerging Issues (3 cr.)
- AGRI 638 – Monitoring for Success (3 cr.)
- AGRI 639 – Products to Profit (3 cr.)
- AGRI 640 – The Integrated Resource Management Plan (3 cr.)

**Colorado State University's land-grant heritage, research expertise, and leadership in agricultural and sustainability education is reflected in the IRM degree.**



## Career Opportunities

Graduates of this program apply integrated resource management principles to effectively deal with the social and environmental realities that impact today's management of land and animals:

- Preservation and sustainability of agricultural land is vital for food security, wildlife habitat, outdoor recreation, and continuing the rural heritage of families and communities.
- Absentee land owners and conservation trusts are acquiring large parcels of land and require skilled land resource managers.
- Demands for preservation of open space and outdoor recreation is increasing in both urban and rural areas.

## Who should earn this degree?

As an interdisciplinary program, the curriculum applies to professionals seeking to advance their careers in a number of diverse fields:

- Professional land and ranch management
- Animal and cattle production management
- Local, state, and regional agencies dealing with land and resource management
- Wildlife and forest management
- Extension agencies
- Agriculture
- Community economic development