

INTEGRATED AGRICULTURE MANAGEMENT (IAG)

The course of study in integrated agriculture management addresses the critical importance of understanding the relationships among agriculture, forestry, business management and marketing, nutrition, food systems, the environment, and community. We live in a world where everything is connected. No one piece can be managed without some understanding of the other pieces and their connections. We also live in a world in which diversification—whether in biology or in business—is a necessary ingredient for rapid adaptation and continued survival.

Integrated agriculture management (IAG) guides students to examine ecological and cultural relationships, and to assemble a collection of coursework in a focus area while attending the Thompson School. The IAG program is truly interdisciplinary, drawing upon diverse course offerings across several of the academic programs at the Thompson School.

Graduates of IAG will be able to choose from a large number of opportunities across an array of fields, including sustainable agriculture, fruit and vegetable production, livestock production, community-supported agriculture (CSA), value-added agricultural products, sustainable forest management, soil/water/forest conservation, cooperative extension, organic certification, and diversified farm management, or in more specific areas such as greenhouse production, sustainable landscape construction and maintenance, forest technician, dairy management, and others. A number of current students plan to return to family farms with new information and insight to help determine the future of their lands and enterprises as the world changes.

Graduates are also encouraged to consider transferring into UNH's baccalaureate program in sustainable agriculture and food systems.

Admissions Requirements

Applicants to integrated agriculture management must present at least two years each of satisfactory work in college preparatory mathematics and sciences. One of the science courses should be biology with a lab.

Curriculum Fee

Integrated agriculture management: \$831¹

¹ This one-time curriculum fee is required to cover lab materials, specialized equipment maintenance, and transportation that are unique to the applied nature of the program. The curriculum fee covers the entire two-year course of study. There may be additional fees for uniforms, specific high-cost courses, and/or professional equipment. Any non-TSAS student may be assessed specific course fees, details of which are included in each semester's Time and Room Schedule. All fees are subject to change.

Career Opportunities

- Working on diversified farms where forestry, horticulture, and/or livestock and dairy might be a component
- Working for non-profit farm and forest education centers
- Managing New England farms based on dairy, horticulture, livestock, forestry, etc.
- Technicians working in pest control for commercial greenhouses, dairy and livestock farms, or forest operations

- Technicians for the Natural Resource Conservation Service
- Marketing farm products for New England farmers
- Operating community-supported agriculture (CSA) and farm stands
- Producing unique, local and/or organic products for direct marketing to consumers
- Partnering with horticultural growers and dairy producers to create high-end market opportunities

<http://colsa.unh.edu/tsas/iag/integrated-agriculture-management>

Programs

- Integrated Agriculture Management (A.A.S.) (<http://catalog.unh.edu/archives/2017-2018/undergraduate/applied-science/programs-study/integrated-agriculture-management/integrated-agriculture-management-aas>)

Courses

Integrated Agriculture Management (IAG)

IAG 408 - Foundations for Living Sustainably in New England

Credits: 4

An introduction to the principles and practices of sustainable living in New England. Within the framework of human culture as an integral part of our ecosystem and focusing on the integration of site-scale applications, topics touched upon include ecology, site inventory and mapping, horticulture, forestry, animal science, architecture, food, regulatory issues, business concepts, and community integration. Special fee.

IAG 490 - Integrated Agriculture Management Capstone

Credits: 2

The capstone experience includes formal lectures and coursework. In addition there is a required pre-approved and mentored project, or other special project-based student activity accepted by the IAG program advisors. The students will be expected to present the project to freshman students in the Integrated Agriculture program and also in a public venue. The course occurs in the student's final year at the Thompson School of Applied Sciences. Permission required.

IAG 597 - Integrated Agriculture Management Work Experience

Credits: 0

Career related employment for 400 hours, generally in the summer following the freshman year. This is in an agricultural, forestry, or food related firm, farm or related business, department approval required. Student submits a monthly report, and a final report from employer required. Students are eligible to register for IAG 297 after completing at least one semester as an IAMT student.

Faculty

<http://colsa.unh.edu/faculty/all>