



DAIRY SCHOLAR PROGRAM

Unique opportunity for dairy science undergrads to participate in the Advanced Dairy Management program at Miner Institute in Chazy, NY

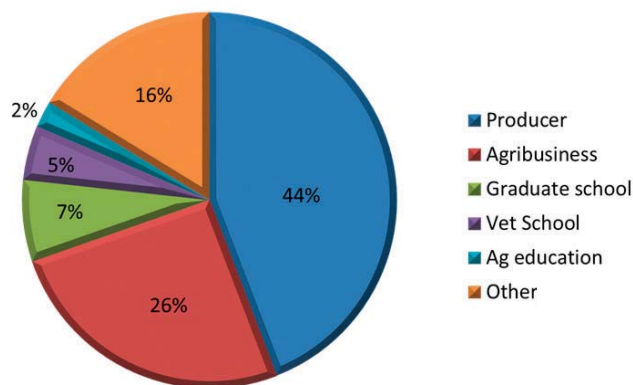
The 15 credit residency program is divided into five courses:

- **Farm Management Practicum** - Critical thinking skills are developed to evaluate dairy farm systems through a combination of classroom lectures, work experience in our 350-cow dairy barn and farm visits. Field trips provide opportunities for high impact learning through exposure to a bigger, broader view of dairy farming. Interactions with producers and ag business professionals throughout the semester encourage students to become influential leaders in the dairy industry.
- **Crop Production** – Lectures focus on annual cropping and nutrient management decisions made by dairy farmers in the Northeast. Students are involved in the step-by-step process used for planning the agronomy program at Miner Institute.
- **Dairy Cattle Nutrition** – Lectures and laboratory time focus on nutrients and their use by cattle for productive functions. Impact of forage and feed quality on ration balancing for dairy cows are discussed using computer models. Case studies are also used to illustrate concepts.
- **Research Experience** - Lectures about the research process, basic statistics and experimental design provide students with skills to develop a research hypothesis and design an experiment to test the hypothesis. Statistical methods are explored through modules where data associated with dairy management and crops production is collected, summarized and presented.
- **Agriculture Seminar** – Weekly class addresses “hot topics” in agriculture through student presentations of journal articles used to enhance speaking and organizational skills in addition to adding to the range of topics discussed during the semester.

The Dairy Scholar Program takes place in the spring semester from mid-January to mid-May.

For more information, contact Wanda Emerich
 at emerich@whminer.com or call 518-846-7121, ext. 117
 or visit <http://whminer.org/education/advanced-dairy-managment.php>

What have Advanced Dairy Management alumni gone on to do?



“I equate the semester at Miner Institute to an immersion program in a foreign country. After four months spent living and breathing dairy science, you realize that you truly have learned a new language. ‘Corn silage processing score’, ‘Latin square designs’, and ‘rumination time per unit of NDF’ become casual lunch-time topics of conversation. My semester at Miner was invaluable and the highlight of my college career.”

— Melissa Woolpert, 2013 student

“No other occupation is so vitally important to the human race, nor requires such a wide range of practical and technical knowledge, as farming.”

— William H. Miner, 1915