Hands-On Experience at
A World-Class University

2012-2014

College of
Agricultural & Life Sciences
UNIVERSITY OF WISCONSIN–MADISON
Farm and Industry Short Course  
Academic Schedule 2012–2013

Fall Term  
October 17 — Registration and Orientation Day  
November 5 — Term begins  
November 22-25 — Thanksgiving recess  
December 14 — Term ends  
December 15–January 13 — Winter recess

Winter Term  
January 14 — Session 1 begins  
January 18 — Session 1 ends  
January 21 — Martin Luther King, Jr. Day, no class  
January 22 — Session 2 begins  
January 18 — Session 2 ends

Spring Term  
February 11 — Term begins  
March 22 — Term ends  
March 23 — Graduation

Farm and Industry Short Course  
Academic Schedule 2013–2014

Fall Term  
October 16 — Registration and Orientation Day  
November 4 — Term begins  
November 28–December 1 — Thanksgiving recess  
December 13 — Term ends

Winter Term  
December 16 — Session 1 begins  
December 20 — Session 1 ends  
January 6 — Session 2 begins  
January 20 — Martin Luther King, Jr. Day, no class  
January 24 — Session 2 ends  
January 25–February 2 — Term break

Spring Term  
February 3 — Term begins  
March 14 — Term ends  
March 15 — Graduation
The College of Agricultural and Life Sciences, home of the Farm and Industry Short Course, occupies much of the west end of the UW-Madison campus.

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Short Course Reunion, back cover
The Mission of the University of Wisconsin Farm and Industry Short Course

“To provide the best research-based, short-term education in agriculture for individuals planning careers in production agriculture and related agribusinesses.”

Objectives

1. Teach research-based knowledge and skills needed to manage or work in agricultural production units and related agribusinesses.

2. Acquaint students with College, University, and State resources available to managers and workers in agriculture and agribusiness professions.

3. Help students develop social and communication skills as well as a culture of life-long learning.

4. Assist students with career information, career selection, and provide internship and employment information and opportunities.
5. Provide students with on-campus housing and extra-curricular activities that encourage integration with the wider campus community.

The changes occurring in agriculture today are rapid and extensive. New technologies are dramatically changing agricultural production, processing and marketing practices. Farms are getting larger, the number of people operating farms is smaller and the investment per farm is much higher. To survive, farms must be highly efficient operations.

With world populations increasing, a substantial portion of our population will continue to work in some phase of agriculture. Many of those previously needed to produce agricultural goods will be needed to provide services, equipment and supplies, and perform marketing functions. As a result, successful careers in agriculture will increasingly require more sophisticated technical and management ability. Farmers and agribusiness professionals will need to understand sound business principles, economic trends, and communicate effectively. They will also need to know: basic care and handling of livestock; equipment and machinery; principles of soil stewardship; and crop production. As a result, careers in agriculture increasingly require a post-secondary education.
Preparation For Your Future

Are you interested in operating your own farm or running an agricultural business but do not want to commit to a four-year college degree program? An excellent alternative is the Farm and Industry Short Course offered by the University of Wisconsin-Madison College of Agricultural and Life Sciences.

The Farm and Industry Short Course is a sixteen-week educational program on the University of Wisconsin–Madison College of Agricultural and Life Sciences campus uniquely designed to prepare students for exciting careers in agriculture.

Unique characteristics of the program include:

• Classes begin in November and end in late March—timed to coincide with the non-growing season in the Midwest.

• One of the few such Land Grant programs in the country combining cutting edge technology and instruction with hands-on experience.

• Courses are taught by the same professors and instructors who teach in the UW’s four-year agricultural degree programs.

• Up to fifteen credits are transferable into a four-year program in agriculture.

• Over $140,000 in scholarships are available.
• Over fifty-five courses in the areas of soils, crops, dairy, meat animals, general livestock, agricultural engineering, and agricultural business.

• You do not need to specialize or major in any particular area and can choose those courses that are of greatest interest and value to you. If you wish to focus on a specific topic, six specialty programs are offered.

• Short Course dormitories are available and conveniently located on the ag campus.

Career Opportunities

Farm and Industry Short Course graduates pursue a variety of agriculture-related careers. Past graduates have obtained well-paying jobs as

<table>
<thead>
<tr>
<th>Artificial Inseminator</th>
<th>Fertilizer and Pesticide Applicator</th>
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</thead>
<tbody>
<tr>
<td>Assistant Researcher</td>
<td>Field Crop Scout</td>
</tr>
<tr>
<td>Crop Farmer</td>
<td>Field Rep for Canning Company</td>
</tr>
<tr>
<td>Dairy Farmer</td>
<td>Fleet/Farm Store Assistant Manager</td>
</tr>
<tr>
<td>Dairy Herd Improvement Field Rep</td>
<td>Holstein Classifier</td>
</tr>
<tr>
<td>Dairy Herdsperson</td>
<td>Livestock Farmer</td>
</tr>
<tr>
<td>Dairy Nutritionist</td>
<td>Seed Sales Rep</td>
</tr>
<tr>
<td>Dairy or Beef Mating Specialist</td>
<td>Soil and Water Conservation Technician</td>
</tr>
<tr>
<td>Dairy Plant Field Rep</td>
<td>Holstein Classifier</td>
</tr>
<tr>
<td>Farm Equipment Operator</td>
<td>Swine Herdsperson</td>
</tr>
<tr>
<td>Feed, Fertilizer, or Supply Sales Rep</td>
<td></td>
</tr>
</tbody>
</table>

Start Your Own Farm

Farm Service Agency (FSA) Beginning Farmer and Rancher Loans are available to Short Course graduates looking to start a career in animal or crop farming. Students can qualify for a low-interest loan by completing specific coursework through the Short Course program. After completing the required courses in the Crop & Soil Management Specialty, Dairy Management Specialty, Meat Animal Specialty or Wisconsin School for Beginning Dairy and Livestock Farmers Certificate program, prospective farmers and ranchers will meet the education requirement necessary to apply for FSA’s Beginning Farmer and Rancher operating loans.
About the operating loan:

- Low-interest loans up to $300,000 are available for beginning farmers unable to obtain financing through traditional credit sources, generally because of lack of down payment or experience.

- Loan terms are flexible and can range from one to seven years.

- Interest rates are fixed once the loan is closed, and are usually very low and are based upon FSA borrowing costs.

- Loan fund can be used to purchase livestock, poultry, equipment, or general farm expenses like feed, seed, chemicals, fertilizer, rent, and supplies.

- After three years of experience, participants can be eligible for low-interest real estate loans for farm purchases.

To qualify for the beginning farmer loans, applicants must:

- Have less than 10 years experience operating a farm.

- Have a good credit history

- Operate the farm and participate substantially in the operation

- Provide enough collateral for the loan. FSA requires a minimal amount of collateral and does not make unsecured loans.

- Meet other loan eligibility requirements

For more information on loan eligibility and requirements, please visit www.fsa.usda.gov or http://fisc.cals.wisc.edu.

Admission Requirements

Admission into the FISC program at UW-Madison requires high school graduation or GED and a high school class rank in the upper 80 percent. Students ranking in the lower 20 percent of their high school class may be admitted on a probationary status if they submit a personal letter indicating why they want to attend Short Course along with a reference from an instructor or guidance counselor who can attest to their academic potential. ACT scores may be considered but are not required for admission. Returning adult students will receive special consideration.
International Students

All international students are required to participate in the full sixteen-week program. Additional practical training on farms or with businesses after that is optional, but available.

Necessary Documentation: International students must provide a secondary school transcript, any other university transcript, and a letter stating an area of study and proof of financial status. One means of proof would be to provide a bank statement showing a balance of $16,000 (which is the approximate cost of the course).

Visa: International students are admitted to Short Course under a training J-1 visa. Applicants must provide three letters of reference – one to support your financial status, and the other two from people that refer to your agricultural background and your suitability for study in this program, to fulfill admission requirements. The approximate total estimated cost of the Short Course program for tuition, room and board, books and incidentals is $15,000 to $17,000.

Health Insurance: Another important part of studying at the University of Wisconsin is the U.S. Immigration Service requirement which requires all international students to purchase a mandatory health insurance plan through the University, unless proof of continuous enrollment in an alternative health plan with comparable benefits is provided. The cost of this mandatory health plan is approximately $525 to $685 for the period a student is involved in Short Course. If a spouse or family member plans to accompany the student, they, too, are included in such a plan at an added expense. The health insurance payment must be made upon arrival on campus.

TOEFL/IELTS: Students must be able to understand spoken English to comprehend the instruction. A TOEFL score of 550 or higher is required or an IELTS score of seven or higher is required for attendance.

Internships: Students may do an agricultural experience at a designated farm or agribusiness for six to eight months after attending the Short Course program. It is important to know if students wish to stay in the U.S. for an internship experience when training J-1 visas are submitted at the time of registration. Any changes after it is submitted may result in a cost to you. International students are also permitted a one-month period of travel in the country.
Certificates

**General Certificate.** Students may earn a one-year or two-year certificate. The one-year certificate requires 20 credits, while the two-year certificate requires 40 credits. To graduate with either a one- or two-year certificate, a student must have a cumulative 2.0 GPA or higher.

All students enrolling in Short Course for the first-time are required to complete a basic math and English comprehension test prior to the start of the Fall term. Students may retake the exam as many times as they would like, including during the academic year, to achieve a more desirable score. Depending on their results, students may be required to enroll in an English and/or math credit-based supplemental instruction course that consists of two weekly hour-long tutoring sessions for the entire length of the FISC academic program. The tutoring service is available to all students, on an as-needed basis, who are enrolled in the Farm and Industry Short Course program.

Students seeking a one-year certificate must successfully fulfill the Convocation and communication requirements. Aside from these two requirements, students may choose courses according to their personal interests.

Those who are interested in gaining expertise in specific areas of production agriculture can pursue a **Specialty Certificate** in one of these areas:

- Crop and Soil Management
- Dairy Farm Management
- Farm Mechanics
- Farm Service and Supply
- Meat Animals
- Pasture-Based Dairy and Livestock

A specialty requires that students earn a minimum of 20 credits in the Farm and Industry Short Course as specified within curriculum requirements. Students must
take the required courses for the specialty although some electives are allowed. Students may obtain as many certificates as they choose. Courses that have been successfully completed can be applied to multiple certificates.

Students may elect to take some Short Course classes for Honors credit each term. Students completing a total of at least ten credits of Honors course work and who earn at least a 3.5 GPA on all credits will receive a special Honors Program designation on their transcript. To receive an Honors Certificate, a 3.5 cumulative GPA is also required. Honors credit courses usually involve more work and some individualized consultations with professors. Courses available for Honors credit vary from term to term and most instructors will announce this option on the first day of class.

Students are responsible for knowing academic requirements for graduation and should consult with an advisor regularly. All students are expected to declare a general certificate and any specialty certificates at Orientation so an advisor can help track their academic progress. Students are encouraged to change their specialty certificate if academic or professional goals change.

**Academic Requirements**

Students in the Farm and Industry Short Course must maintain satisfactory progress in their course work. Short Course uses the same grading as other courses on campus—A, AB, B, BC, C, D, F. Grade point averages are figured on a four-point scale: A=4 points, AB=3.5 points, B=3 points, BC=2.5 points, C=2 points, D=1 point, F=0.

Each full-time student is expected to take class and laboratory work totaling 8 to 11 credits in Fall and Spring terms. Full-time status is 4 to 6 credits in the Winter term. Anyone desiring to take more than the maximum credits must obtain permission in advance of registration from their advisor. Extra credits will increase registration fees on a per credit basis.

The Short Course Program rewards academic excellence each term and at graduation. Full-time students with a 3.5 term GPA and no “F’s” are placed on the Dean’s List. Students eligible for a graduation certificate who have earned a cumulative GPA of 3.5 or higher will be granted the honor of Graduated with Distinction. Students with a cumulative GPA of 3.75 receive Graduated with Highest Distinction honors.
The following are scholastic actions and policies for Farm and Industry Short Course based on a 4.0 scale:

1. A student shall be considered in good standing if that student has a GPA of 2.0 or above in the term just completed, and a cumulative GPA of 2.0 or above.

2. A student shall be placed on academic probation if they are admitted with academic deficiencies or, in the term just completed, that student has attained less than a 2.0 GPA, but greater than a 1.0 GPA. Once on probation, the student is continued on probation until either removed from probation or dropped.

3. A student shall be removed from probation when that student has attained a cumulative GPA of at least 2.0, and earned a GPA of at least 2.0 in the term just completed, and has no outstanding Incompletes.

4. A student on probation who fails to attain a 2.0 term GPA in their next term will be dropped for one term. A student not on probation who earns less than a 1.0 GPA in any single term will be dropped for one term. A student may request permission to return after being away the required length of time. If readmitted, the student will return on probation. If dropped again, the student will not be eligible to re-enroll. All decisions related to re-entry are at the discretion of the FISC Scholastic Policies and Actions Committee.

5. On behalf of the director, the FISC Scholastic Policies and Actions Committee may suspend or modify the operation of these regulations if their enforcement is judged to work an injustice to the student. The appropriate appeal forms can be obtained from the FISC office in 116 Agricultural Hall and must be submitted to the director, and appeals will be reviewed with a decision made within the first three days of each term.

6. Student grievance procedures. Students who believe they have been treated unfairly, in any academic or nonacademic matter, may contest the treatment. The complaint may involve any matter of perceived unfairness, including grading or classroom treatment, or sexual or racial harassment. If the student cannot resolve the fairness question directly with the person at whom the complaint is directed, the student may pursue a series of steps to achieve a fair hearing and protect the rights of both parties involved. These steps are spelled out in a statement titled “Achieving Fairness: Grievance Procedures for Students in the College of Agricultural and Life Sciences.” This statement is available from the Office of Undergraduate Programs and Services, or www.cals.wisc.edu. Matters of
interpretation of academic requirements not involving questions of fairness should come via the student’s advisor to the college’s Scholastic Policies and Actions Committee. Students are encouraged to consult with the Director before submitting an appeal.

7. **Expecting to graduate.** Students who expect to graduate must indicate their intent while enrolling for their final term. Also, their academic records will receive a final evaluation by staff in the Office of Undergraduate Programs and Services. Students should report any change in graduation plans to the FISC Office.

8. A **course drop** will be permitted up to a deadline date in each term. For a schedule of each term’s deadline dates refer to “FISC Important Academic Dates 2012-13” at the end of this section or on the FISC website. A late drop will result in a “DR” notation recorded on the transcript. Late drops will be at the discretion of the Director and only in response to circumstances outside the student’s control. Late drops that are not approved will receive the grade earned. For refunds resulting from course drops, refer to the section “Tuition Adjustment/Refunding Schedule.”

9. An **Incomplete** “I” may be reported for a student who has carried a subject with a passing grade until near the end of the semester. If a student is unable to take the final examination or complete a term project because of illness or other circumstance beyond his or her control, the student may be granted an Incomplete. The schedule for completing missing work shall be set at the discretion of the instructor but not to exceed half again as long as the length of the course. Failure to do so will result in a lapsed grade of F, unless the time limit has been formally extended.

10. **Repeating Courses.** Students thinking about repeating a course should talk with their advisor. Students must do all the work in the repeated course, including laboratory; attend regularly; participate in class discussions; and take examinations. Students will earn a final grade in the course. Such credits are indicated with an X on the transcript. Students should know that: (1) the original grade still counts in GPA and remains on the transcript; (2) credits in the repeated course do not count toward the certificate, unless the course was failed the first time; (3) grade points in the repeated course do count toward calculation of cumulative GPA; (4) credits carried on courses being repeated count toward the maximum credits permitted in a term.
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>Wednesday, October 17, 2012</td>
<td>—Orientation Day</td>
</tr>
<tr>
<td></td>
<td>—First day to enroll in Fall Term courses</td>
</tr>
<tr>
<td>Monday, November 5, 2012</td>
<td>—Fall Term instruction begins</td>
</tr>
<tr>
<td>Wednesday, November 7, 2012</td>
<td>—Last day to add courses</td>
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<tr>
<td>Monday, November 12, 2012</td>
<td>—Last day to withdraw from term with a full tuition refund</td>
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<tr>
<td></td>
<td>—Last day to pay tuition bill without $50 late fee</td>
</tr>
<tr>
<td>Monday, November 19, 2012</td>
<td>—Last day to withdraw from term with a 50% tuition refund</td>
</tr>
<tr>
<td>Friday, November 23, 2012</td>
<td>—Last day to drop courses</td>
</tr>
<tr>
<td>Monday, November 26, 2012</td>
<td>—Advising for Winter Term starts</td>
</tr>
<tr>
<td>Wednesday, December 5, 2012</td>
<td>—First day to enroll for Winter Term, Sessions 1 &amp; 2 courses</td>
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<tr>
<td>Friday, December 14, 2012</td>
<td>—Fall Term instruction ends</td>
</tr>
<tr>
<td>Monday, January 14, 2013</td>
<td>—Session 1 instruction begins</td>
</tr>
<tr>
<td>Tuesday, January 15, 2013</td>
<td>—Last day to Drop courses</td>
</tr>
<tr>
<td>Friday, January 18, 2013</td>
<td>—Session 1 instruction ends</td>
</tr>
<tr>
<td>Tuesday, January 22, 2013</td>
<td>—Session 2 instruction begins</td>
</tr>
<tr>
<td>Wednesday, January 23, 2013</td>
<td>—Last day to Add courses</td>
</tr>
<tr>
<td>Monday, January 28, 2013</td>
<td>—First day to enroll for Spring Term courses</td>
</tr>
<tr>
<td>Friday, January 25, 2013</td>
<td>—Last day to pay tuition bill without $50 late fee</td>
</tr>
<tr>
<td>Wednesday, February 1, 2013</td>
<td>—Last day to withdraw from term with a 50% tuition refund</td>
</tr>
<tr>
<td>Friday, February 8, 2013</td>
<td>—Session 2 instruction ends</td>
</tr>
<tr>
<td>Monday, February 11, 2013</td>
<td>—Spring Term instruction begins</td>
</tr>
<tr>
<td>Wednesday, February 13, 2013</td>
<td>—Last day to Add courses</td>
</tr>
<tr>
<td>Monday, February 18, 2013</td>
<td>—Last day to withdraw from term with a full tuition refund</td>
</tr>
<tr>
<td></td>
<td>—Last day to pay tuition bill without $50 late fee</td>
</tr>
<tr>
<td>Monday, February 24, 2013</td>
<td>—Last day to withdraw from term with a 50% tuition refund</td>
</tr>
<tr>
<td>Friday, March 1, 2013</td>
<td>—Last day to Drop courses</td>
</tr>
<tr>
<td>Friday, March 22, 2013</td>
<td>—Spring Term instruction ends</td>
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</tbody>
</table>
Tuition & Fees

The following tuition and room fees are actual costs for the 2012-13 academic year. Other costs are estimates. There is a variety of financial help available including scholarships and short term loans. Dormitory pricing also includes a food membership fee giving a discount on the housing meal plan.

2012-13 costs for a 16 week on-campus student:

<table>
<thead>
<tr>
<th></th>
<th>Wisconsin Resident</th>
<th>Non-Resident</th>
<th>Illinois, Iowa, or Minnesota Resident***</th>
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<tbody>
<tr>
<td>Tuition &amp; fees*</td>
<td>$4,610</td>
<td>$11,830</td>
<td>$5,850</td>
</tr>
<tr>
<td>Room &amp; Board</td>
<td>$2,915</td>
<td>$2,710</td>
<td>$2,915</td>
</tr>
<tr>
<td>Books &amp; Incidentals**</td>
<td>$300</td>
<td>$300</td>
<td>$300</td>
</tr>
<tr>
<td>Parking***</td>
<td>$375</td>
<td>$375</td>
<td>$375</td>
</tr>
<tr>
<td>Total</td>
<td>$8,200</td>
<td>$15,420</td>
<td>$9,440</td>
</tr>
</tbody>
</table>

*Subject to change from year to year.

**Assumes two students per room. Three per room costs less. Includes approximately $48/week for Food Membership Fee which gives the dorm residents a discounted price on food by 60% +5% state tax.

***The Short Course staff assists students in developing carpools.

****FISC Tri-State Admission Initiative

Costs for each term are proportionate to the total. Room rent and tuition are paid in advance. Tuition and fees per academic term must be received (not post-marked) no later than 5 days into the term or a $50 late fee will be assessed by the Farm and Industry Short Course office. If tuition is not paid half-way through a term, a hold will be placed on the student’s account to prevent future enrollment, release of official transcripts/diplomas, and tuition credit balance refunds until the account is paid.

Tuition Adjustment/Refunding Schedule

The date a course is dropped determines if a tuition refund will occur. For each terms’ refund schedule refer to “FISC Important Academic Dates 2012-13.” The same adjustment/refunding schedule apply to both course drops and withdrawals from the Farm and Industry Short Course.

If students enroll for a course(s) and do not attend or stop attending without officially dropping the course(s) or withdrawing from the program, they are still responsible for payment of all tuition and fees for the course(s). Students must officially drop course(s) in their My UW Student Center or withdraw from the program by filling out a form in the Farm and Industry Short Course office.
Financing Your Education

There are more than 80 scholarships available to Short Course students with about $140,000 awarded each academic year. These scholarships are offered by foundations, trust funds, organizations and private firms. Examples include the Freddie Gage Jr. Memorial Scholarship, Farm Credit Service Scholarships, Gall Memorial Scholarship, East Central/Select Sires Scholarship, and the Cooperative Resources International Scholarship.

Any student eligible for Short Course and who submits financial information on their Short Course admission application will be considered for a scholarship. The application form can be found at www.fisc.cals.wisc.edu. If you cannot access this form please contact our office by phone at (608) 263-3918 or e-mail at fisc@cals.wisc.edu. For Short Course-administered scholarships, allocations and announcements will occur monthly starting May 1 and continue until the start of classes in November.

Since the duration of Short Course is shorter than a regular academic year and does not lead to an undergraduate degree, no federal financial aid is available. For this reason, if students go to a commercial bank to secure funds for their education, they can only apply for consumer loans and not private student loans. However, a financial alternative for Short Course students is a short-term loan available through the FISC office. Students may borrow up to $1500 with up to six months after graduation to pay back the loan interest free. After six months, interest fees will become effective on loan payments.
Military veterans and current members of the National Guard/Reserves who are admitted to Short Course should contact the UW-Madison Certifying Official at (608) 265-4628 for assistance in determining educational benefit eligibility. See the following websites for more information:
http://registrar.wisc.edu/student_veteran_services.htm
http://students.wisc.edu/veterans/veterans.html

On-Campus Housing

Jorns and Humphrey halls provide a comfortable home for students while on campus. They are located on the scenic shores of Lake Mendota, conveniently close to Short Course classrooms on the College of Agricultural and Life Sciences campus.

Each room has cable TV, telephones, data hookups, and wireless internet. If the demand for space exceeds capacity, students desiring dormitory residence will be accepted in the order their applications are received. Most dorm rooms house two people. Students desiring a triple room will be permitted this choice, at a lower cost, when space permits. A $100 deposit is required to reserve a dorm room. Living arrangements in the Short Course dormitories, as in other dormitories, are governed by UW Board of Regents rules and state statutes.

An upperclassman house fellow resides on each floor to assist students with personal or academic questions, and to enforce Regent and state policies.

Parking

A limited number of parking spaces are available for Short Course students. Since Short Course is allocated only forty spaces, carpooling is critical. Short Course staff will assign the majority of students to carpools by area/county. Admitted students who have applied for parking will receive the carpool assignment list prior to Orientation in October.
Food Service

Students residing in the Short Course Dorms are required to participate in a meal plan operated by the Residence Halls. Two different cafeterias are available within a five to ten-minute walk of Humphrey and Jorns Halls and carryout food service is available as well. One cafeteria remains open until 11:30 p.m. each evening for late night snacks.

Students pay a basic membership fee for the food service program as part of their rent for each week that the food service is in operation (approximately $48 per week). The typical student will spend an additional $300 to $500 on food for the sixteen weeks, depending on their appetite and how many meals they consume. A special food account is established and students will access their “choice account” by using their student I.D. card. Students can add funds to their account as needed and any money not used at the conclusion of Short Course is refundable. For additional information about UW Residence Halls food service, go to: http://www.housing.wisc.edu/billing/food.php.

A Variety of Student Activities

Clubs: College of Agricultural and Life Sciences clubs are open to Short Course students. In recent years FISC students have been active members of:

—Badger Crops Club
—Badger Dairy Club
—CALS Student Council
—Club 101
—Collegiate Farm Bureau
—Collegiate FFA
—Horticulture Society
—Saddle and Sirloin Club
Competitive Teams and Events: The Judging Team and Intercollegiate Dairy Challenge teams are open to second-year students. The judging team competes at the World Dairy Expo and other national contests. The Dairy Challenge team sends individual contestants to the Challenge’s Midwest competition. Participation in the Badger Dairy Showmanship Cup and Badger Livestock Show is always a highlight for Short Course students.

Short Course Ambassadors: Students who return for a second year may be eligible to become a Farm and Industry Short Course Ambassador. These students represent the program at a variety of agricultural events and trade shows.

Short Course Yearbook: Interested students can gain experience by helping to prepare The Little Badger, an annual Short Course yearbook.

Sports and Activities: Our students have access to UW Badger athletic events at reduced student prices. Intramural and recreational sports opportunities such as basketball, volleyball, bowling, swimming and ice sports are available. Short Course students may use any of the three campus recreational sports facilities for weightlifting and fitness classes. Hoofers club welcomes the Short Course students to participate in their ski trips. Lectures, plays, concerts and films abound on-campus and in Madison. Church youth groups always welcome students.

Second-place Post-Secondary Dairy Cattle Judging Team at 2011 North American International Livestock Exhibition
Specialty Certificate Curricula

**Crop and Soil Management:**
This specialty is designed for students interested in crops and soils related work such as fertilizer and chemical manager for a co-op, crop scout, or other crop or soils work related to production agriculture. 22 credits minimum including all the required courses:

- Agribusiness Communications (2cr) OR Community Leadership (1cr) OR Elements of Public Speaking (1cr)
- Agricultural Safety & Health (1cr)
- Business Principles for Ag Management (2cr)
- Convocation (1cr)
- Farm Insects (2cr)
- Farm Law (1cr)
- Forage Crops (2cr) OR Pasture Management (1cr)
- Grain Crops Production & Management (2cr)
- Grain Marketing (1cr)
- Introduction to Plant Science (2cr)
- Introductory Soil Science (1cr)
- Plant Diseases Lecture & Lab (2cr)
- Soil & Crop Nutrient Management (2cr)
- Weed Identification & Management (2cr)

**Electives**
- Agribusiness Feasibility Planning (1cr)
- Agribusiness Human Resource Management (1cr)
- Agricultural Sales (2cr)
- Diagnosis & Monitoring Pests/Nutrients (1cr)

**Dairy Farm Management**
This specialty is designed for students wishing to pursue a dairy farming career or work within a dairy production operation. 22 credits minimum including all the required courses:

- Agribusiness Communications (2cr) OR Community Leadership (1cr) OR Elements of Public Speaking (1cr)
- Animal Breading & Genetics (1cr)
- Business Principles for Ag Management (2cr)
- Convocation (1cr)
- Dairy Cattle Evaluation (2cr)
- Dairy Herd Health (1cr)
- Dairy Herd Management (2cr)
- Dairy Marketing & Cooperatives (1cr)
- Farm Law (1cr)
- Feeding Dairy Cattle/Ruminant Nutrition (2cr)
- Food & Dairy Products Processing (2cr)
- Forage Crops (2cr) OR Pasture Management (1cr)
- Introductory Soil Science (1cr)
- Reproduction of Farm Animals Lecture & Lab (2cr)
- Soil & Crop Nutrient Management (2cr)

**ELECTIVES**

- Advanced Reproduction (1cr)
- Agribusiness Feasibility Planning (1cr)
- Agribusiness Human Resource Management (1cr)
- Agricultural Sales (2cr)
- Principles of Dairy Cattle Judging (1cr)
- Dairy Cattle Reproductive Management & Troubleshooting (1cr)
- Dairy Records Management (1cr)
- Livestock Housing (2cr)
- Spanish for Agriculture (2cr)

**Farm Mechanics**

This specialty is designed for the student planning to work closely with the farm equipment industry or one who plans to be a farm mechanic primarily responsible for farm equipment maintenance. 20 credits minimum including all the required courses:

- Ag Energy Management Lecture & Lab (2cr)
- Agricultural Safety and Health (1cr)
- Agribusiness Communications (2cr) OR Community Leadership (1cr) OR Elements of Public Speaking (1cr)
- Business Principles for Ag Management (2cr)
- Convocation (1cr)
- Farm Machinery Lecture & Lab (3cr)
- Farm Power Lecture & Lab (2cr)
- Livestock Housing Lecture & Lab (2cr)
- Rural Economic & Social Issues (2cr)
- Welding (2cr)

**ELECTIVES**

- Agribusiness Feasibility Planning (1cr)
- Agribusiness Human Resource Management (1cr)
- Precision Agriculture Technologies (2cr)
- Welding (second year students) (2cr)
Farm Service and Supply

This specialty is designed for the students interested in all aspects of the farm supply and service industry. 21 credits minimum including all the required courses:

- Business Principles for Ag Management (2cr)
- Convocation (1cr)
- Farm Insects (2cr)
- Introductory Soil Science (2cr)
- Plant Diseases Lecture & Lab (1cr)
- Weed Identification & Management (2cr)

Choose Three Courses from Below:
- Agribusiness Communications (2cr)
- Elements of Public Speaking (1cr)
- Community Leadership (1cr)
- Farm Law (1cr)

Complete One of Two Options Below:

Plant Option *(complete all)*
- Forage Crops (2cr) OR Pasture Management (1cr)
- Grain Crops Production & Management (2cr)
- Grain Marketing (1cr)
- Introduction to Plant Science (2cr)
- Soil & Crop Nutrient Management (2cr)

Animal Option *(Choose eight credits from classes below.)*
- Animal Breeding & Genetics (1cr)
- Beef Cattle Management & Production (2cr)
- Dairy Cattle Evaluation (2cr) OR Sheep Management Lecture & Lab (2cr)
- Dairy Herd Health (1cr)
- Dairy Herd Management (2cr)
- Feeding Dairy Cattle/Ruminant Nutrition (2cr)
- Reproduction of Farm Animals (2cr)
- Swine Management & Production (2cr)

ELECTIVES
- Agribusiness Feasibility Planning (1cr)
- Agribusiness Human Resource Management (1cr)
- Agricultural Sales (2cr)
- Spanish for Agriculture (2cr)
Meat Animals

This specialty is intended to prepare students for a livestock farming career as a livestock herdsperson, farm operator or within livestock related jobs. 23 credits minimum including all required courses listed below:

Choose Two of the following Three:

- Beef Cattle Management & Production (2cr),
- Sheep Management Lecture & Lab (2cr), or
- Swine Management & Production (2cr)
- Agribusiness Communications (2cr) OR Community Leadership (1cr) OR Elements of Public Speaking (1cr)
- Animal Breeding & Genetics (1cr)
- Beef Cattle Management & Production (2cr)
- Business Principles for Ag Management (2cr)
- Convocation (1cr)
- Farm Law (1cr) OR Rural Economics & Social Issues (2cr)
- Feeding Dairy Cattle/Ruminant Nutrition (2cr)
- Forage Crops (2cr) OR Pasture Management (1cr)
- Introductory Soil Science (1cr)
- Meat Animal Evaluation Products & Marketing (2cr)
- Reproduction of Farm Animals Lecture & Lab (2cr)
- Sheep Management & Production (2cr)
- Swine Management & Production (2cr)

ELECTIVES

- Advanced Reproduction (1cr)
- Agribusiness Feasibility Planning (1cr)
- Agribusiness Human Resource Management (1cr)
- Agricultural Sales (2cr)
- Livestock Housing (2cr)
- Soil & Crop Nutrient Management (2cr)
- Spanish for Agriculture (2cr)
**Pasture-Based Dairy and Livestock**

This specialty is designed for students wishing to pursue pasture-based dairy or livestock farming careers, and start-up dairy/livestock farm businesses. 22 credits required for Pasture-Based Livestock Specialty and 25 credits required for Pasture-Based Dairy Specialty, including all required courses listed below:

- Beef Cattle Management & Production *(required for Pasture-Based Livestock Specialty)* (2cr) OR Soil & Crop Nutrient Management *(required for Pasture-Based Dairy Specialty)* (2cr)
- Business Principles for Ag Management (2cr)
- Community Leadership (1cr)
- Convocation (1cr)
- Dairy Cattle Evaluation *(required for Pasture-Based Dairy Specialty)* (2cr)
- Dairy Herd Health *(required for Pasture-Based Dairy Specialty)* (1cr)
- Dairy Herd Management *(required for Pasture-Based Dairy Specialty)* (2cr)
- Farm Law (1cr)
- Feeding Dairy Cattle/Ruminant Nutrition (2cr)
- Forage Crops (2cr)
- Introductory Soil Science (1cr)
- Agribusiness Feasibility Planning (1cr)
- Pasture Management (1cr)
- Pasture-based Dairy/Livestock Seminar: Business Startup (1cr)
- Pasture-based Dairy/Livestock Seminar: Developing a Business Plan (1cr)
- Pasture-based Dairy/Livestock Seminar: Managing the Business (1cr)
• Reproduction of Farm Animals Lecture & Lab (2cr)
• Sheep Management Lecture and Lab (required for Pasture-Based Livestock Specialty) (2cr)
• Soil & Crop Nutrient Management (for Pasture-Based Dairy Specialty) (2cr)

ELECTIVES
• Advanced Reproduction (1cr)
• Dairy Cattle Reproductive Management & Troubleshooting (1cr)
• Dairy Records Management (1cr)
• Livestock Housing Lecture and Lab (2cr)
• Meat Animal Evaluation & Marketing (2cr)
• Soil & Crop Nutrient Management (for Pasture-Based Livestock Specialty) (2cr)

Wisconsin School for Beginning Dairy and Livestock Farmers Certificate: A Certificate of Completion is offered through the Wisconsin School for Beginning Dairy and Livestock Farmers (WSBDF) program, an enrollment option within FISC. The WSBDF offers the pasture-base dairy/livestock business seminar series (one class each term) which includes business plan development, farm field trips, conference attendance, mentoring, networking with experienced farmers, and on-farm internships. The WSBDF emphasizes managed grazing as a profitable and successful approach to starting and managing a dairy or livestock farm business. The WSBDF is an approved vendor of the USDA Farm Service Agency Beginning Farmer Loan Program for new borrower business training. [http://www.cias.wisc.edu/dairysch.html](http://www.cias.wisc.edu/dairysch.html)
Courses Offered

Agricultural and Applied Economics

Agribusiness Feasibility Planning [SC_AAE 72] 1 cr. Spring. This course will concentrate on the computer, accounting and communication skills necessary to develop and evaluate farm businesses. Students will be introduced to computerized farm accounting and will develop skills with modern electronic spreadsheets while developing a case farm feasibility assignment. (Prerequisite: Must earn a “B” or better in Business Principles for Ag Management.)

Agribusiness Human Resource Management [SC_FISC 38] 1 cr. Winter, Session 1. This course provides practical human resource management training for agricultural enterprises. Topics will include: Understanding yourself as a manager, leader, and communicator; how to develop your human resource management philosophy; how to find and retain that perfect employee; and legal considerations.

Dairy Marketing and Cooperatives [SC_AAE 63] 1 cr. Winter, Session 2. This course focuses on the various factors that impact farm level milk prices. Specific topics include: national and regional milk production, consumption of milk and dairy products, international dairy trade, pricing milk for manufacturing use, federal dairy price support program, federal milk marketing orders, state milk marketing orders, role of dairy cooperatives in milk pricing and marketing, multiple component pricing, use of dairy futures and options, and current dairy policy issues.
Business Principles for Agriculture Management
[SC_AAE 66] 2 cr. Fall. An introduction to the working of a market economy and decision making concepts. Students will learn about the role of prices and preferences in making production and consumption decisions. Students will also become acquainted with the U.S. agricultural system and various economic policies that may be employed by government. Taxation, regulation, trade, and employment policies are some government programs that will be considered in the course.

Farm Law [SC_AAE 70] 1 cr. Spring. The object of this course is to teach students how to resolve legal issues that arise in operating a farm business. Topics include contracts, torts, property law and tax law. The laws are applied to issues such as fence law, right-to-farm and business planning.

Grain Marketing [SC_AAE 67] 1 cr. Winter, Session 2. This course focuses on the farm and its marketing environment and provides an overview of the economics of grain and oilseed markets. The course concentrates on developing skills for effective grain marketing analysis and strategies. It examines forward contracting, hedging on futures markets, delayed pricing and options trading. Also examines current farm policies and their impact on grain markets.

Agronomy

Forage Crops [SC_AGRON 72] 2 cr. Fall. Identification and characteristics of forage legumes and grasses; management and culture of legumes, grasses and grass-legume mixtures; weed, insect, and forage disease control; hay and haymaking; legume, grass, and corn silage; forage varieties and their uses; forage quality and its importance in feeding livestock; pasture types and improvement; forage production trends.

Grain Crops Production & Management [SC_AGRON 73] 2 cr. Spring. Covers corn, soybeans, and alternative crops. Current production recommendations: hybrid and variety selection, seedbed preparation, pest control, fertility management, harvest, storage, marketing, crop ecology, information resources, seed production and certification. Students interested in other crops (sweet corn, peas, sunflowers, etc.) and those with a specific area of interest, such as seed production, will have independent study opportunity.

Pasture Management [SC_AGRON 76] 2 cr. Winter, Session 1. This course covers pasture establishment, pasture improvement, and pasture plant growth. Instructors will discuss in depth pasture layout, fencing,
and water systems. Pasture utilization by the animal including animal behavior on pasture, animal nutrient needs vs. pasture growth, and supplemental feeding are also covered.

**Weed Identification & Management [SC_AGRON 75]** 2 cr. Spring. Sound weed management requires an ability to identify common weed species. Live plants, slides and weed mounts are used in lectures and labs to teach weed identification. The course examines weed control principles and weed control recommendations in corn, alfalfa, soybeans, small grains and pastures. Students are given the opportunity to develop weed management programs for various cropping systems. Also covers safe use of herbicides, sprayer calibration, herbicide selection, transgenic crops, herbicide resistant weeds and more topics.

**Animal Sciences**

**Animal Breeding and Genetics [SC_ANCSI 40]** 1 cr. Winter, Session 2. Fundamentals of Mendelian genetics in dairy and beef cattle, sheep, and swine. We also will cover the quantitative inheritance of performance traits, selection and selection programs, and crossbreeding systems in these species.

**Beef Cattle Management & Production [SC_ANSCI 41]** 2 cr. Spring. Application of genetics, reproductive physiology and nutrition to the management of cow-calf and feedlot enterprises. Some cattle management techniques will be practiced in laboratory periods.

**Meat Animal Evaluation, Products, and Marketing [SC_ANSCI 42]** 2 cr. Fall. This course demonstrates how meat animals within a species differ in value, grade and yield. Will also discuss price deter-
mination and marketing systems for each species. The students will receive hands-on experience in evaluating, slaughtering, and cutting beef and pork. Lamb processing and manufacturing of processed meat items will be demonstrated.

Sheep Management [SC_ANSCI 45] 2 cr. Winter, Session 2. Subjects discussed include breeds, feeding, reproduction, health and marketing. Experience in lambing ewes, docking, castrating, drenching and other management skills is provided.

Swine Management & Production [SC_ANSCI 46] 2 cr. Spring. Application of modern techniques of swine management for the improvement of overall production efficiency. Includes the application of principles in nutrition, reproductive physiology, genetic selection, animal management, ventilation and waste management in confinement housing, housing systems, herd health programs and economic decision-making.

Biological Systems Engineering

Agricultural Energy Management [SC_BSE 91] 2 cr. Winter, Session 2. Use of electric and electronic equipment on the farm. Includes introduction to electrical distribution and farm electrical systems, National Electric Code for agricultural buildings, choosing electric motors, electrical safety, special needs for electronic equipment, working with an electrical contractor. (Prerequisite: Must test out of math requirements on math placement test or earn a “B” or better in Farm and Industry Computations.)

Agricultural Safety and Health [SC_BSE 90] 1 cr. Winter, Session 2. Provides an overview of the causes and prevention of common farm injuries and illnesses. Emphasizes control of hazards as part of overall farm safety management. Covers types of fatal and non-fatal injuries, tractor and machinery-related injuries and operating practices, hazards to children, animal-related injuries, confined spaces, respiratory hazards, chemical exposure, personal protective equipment, OSHA, DOL, and EPA worker-related regulations, causes and prevention of injuries including inspections and hazard control, and safety management strategies and activities.

Farm Machinery [SC_BSE 92] 3 cr. Fall. Principles of operation, construction, maintenance, and management of machines for tillage, planting, and harvesting agricultural crops. Laboratory sessions include working with machine components and actual field machines. Previous experience with farm machinery is not required.
Farm Power [SC_BSE 94] 2 cr. Winter, Session 2. Principles of operation, construction, and maintenance of agricultural tractors and engine power systems. Covers two- and four-stroke diesel and spark-ignition engines, lubrication, power measurement, electrical systems, hydraulics, tires and traction. Labs focus on understanding the tractor and engine but do not include tractor or engine overhauls. Course assumes no previous experience with tractors or engines.

Livestock Housing [SC_BSE 95] 3 cr. Fall. Covers planning of dairy, beef and swine, livestock housing for proper environmental control, manure and feed handling, and labor and capital efficiency. Topics include building materials, heat loss, silo sizing, cost estimating, computer aided design, and ventilation and manure storage. Students will develop a plan for their own farmstead. This course is useful for those who plan to construct livestock buildings within the next 5-15 years, including those who want to work in the farm building trade.

Precision Agriculture Technologies [SC_FISC 38-015] 2 cr. Spring. Precision agriculture can aid in reducing inputs for crop production. Course provides an overview of precision agriculture technologies and will cover global positioning systems, geographic information systems, variable rate technology, section/flow control, soil and yield mapping, and guidance systems. Economics of the different technologies will be discussed. Previous experience with precision agriculture systems is not required.

Welding [SC_FISC 93] 2 cr. Fall (second-year students only) and Spring. Practical experience in the welding of steel, cast iron, aluminum, stainless, etc. Manual arc, wire feed, heliarc, plasma, gas welding and cutting, and other processes. Weld inspection and testing. Taught at Madison College.

Center for Integrated Agricultural Systems

Pasture-Based Dairy and Livestock Business Seminar [SC_CIAS 33/34/35] 1cr. Fall: Start up. Winter, Session 2: Business Plan Development. Spring: Management. The core course of the Wisconsin School for Beginning Dairy and Livestock Farmers. Farmers, faculty, and business leaders discuss production and management strategies emphasizing pasture-based dairy or livestock farm start-up. Students complete a farm business plan over three terms. (Winter is a prerequisite for Spring enrollment)
**Community and Environmental Sociology**

**Rural Social and Economic Issues** [SC_RSOC 85] 2 cr. Spring. Students will study how national economic and social policies affect farmers and rural residents. Topics include rural economic trends and issues; rural development policies; state and local taxes; local land use planning; farm financial stress and government intervention; farmer-natural resource use conflicts; and the impacts of international trade agreements and export policies.

**Dairy Science**

**Advanced Reproduction** [SC_DYSCI 12] 1 cr. Winter, Session 2 and Spring. Students are expected to become proficient in artificial insemination, ovarian palpation, pregnancy detection and understanding of the estrous cycle. Each class has 15 minutes of lecture with the remainder hands-on experience. *(Prerequisite: Must earn a B/C or better in Reproduction of Farm Animals.)*


**Dairy Herd Health** [SC_FISC 10] 1 cr. Spring. Cattle disease problems; how the animal body works; digestive disorders, noninfectious diseases, principles of infection and sanitation; state regulations against disease.

**Dairy Herd Management** [SC_DYSCI 21] 2 cr. Spring. How to care for your herd to increase production and profits. Use of business, feeding, and herd management tools in dairy farm operation. Case studies of individual farms used for analysis and planning.
Dairy Records Management [SC_DYSCI 25] 1 cr. Spring. The course will develop case based approaches to problem solving using dairy records. Classes will cover aspects of nutritional, reproductive, genetic, and milking management as it relates to the dairy enterprise using DHI records and Dairy Comp 305.


Principles of Dairy Cattle Judging [SC_FISC 38] 1 cr. Spring. Students will be introduced to the fundamentals of dairy cattle judging, including physical type appraisal, interpretation of dairy breed type score cards, accurate decision making, and oral reasons. The course may include field trips. (Prerequisite: must earn a B or better in Dairy Cattle Evaluation.)

Reproduction of Farm Animals [SC_DYSCI 11] 2 cr. Fall. Students will learn the basic comparative physiology of reproduction of farm animals and apply those physiological principles to understand successful heat detection, artificial insemination, estrous synchronization, embryo transfer, pregnancy diagnosis, and improvement of reproductive efficiency through good reproductive management.

Entomology

Farm Insects [SC_ENTOM 33] 2 cr. Spring. Recognizing and controlling the most common insects attacking our farm crops, animals, and buildings.

Farm and Industry Short Course

Convocation [SC_FISC 30] 1 cr. Fall. General orientation to campus, the College of Agricultural & Life Sciences, and special selected topics required for all first-year students.

FISC Internship [SC_FISC 99] 1-2 cr. Students may enroll in an internship experience course between their first and second year of the Short Course program. A variety of work/learn experiences can be arranged through CALS Career Services. Students can arrange internships through campus interviews or on their own. Experience may include agribusinesses, government agencies, farms, or other field experiences. Students may apply internship credits toward their second year certificate in the Short Course program.
Food Science

Food and Dairy Products Processing [SC_FOODS 34] 2 cr. Spring. A survey of many aspects of food processing including food safety, food plant sanitation, and the manufacturing processes for a variety of dairy products and other foods. The composition of milk, cheese, ice cream, and other dairy products is also covered.

Forest and Wildlife Ecology

Wildlife Management [SC_WECOL 55] 1 cr. Winter, Session 2. Wisconsin’s wildlife resources and the factors that influence their numbers and distribution; the positive and negative impacts of agriculture on wildlife populations and remedial management practices.

Horticulture

Diagnosis & Monitoring Pests/Nutrients [SC_HORT 57] 1 cr. Winter, Session 1. This course will provide the skills necessary for proper monitoring of corn, alfalfa, soybeans and wheat health problems. Emphasis will be placed on proper identification of abiotic and biotic problems (especially insects, diseases, weeds, nutrient deficiency symptoms, compaction and herbicide injury symptoms). Techniques covered include crop staging, soil sampling, plant tissue sampling, nematode and insect sampling.

Introduction to Plant Science [SC_HORT 58] 2 cr. Fall. An overview of the horticulture profession, including its role and importance throughout history, current trends and career opportunities. Material to be covered includes an overview of horticulture, crops, plant classification, plant use and interrelationships with the environment, plant growth and plant development.

Life Sciences Communication

Agribusiness Communications [SC_LSC 83] 2 cr. Fall. Improving writing skills for personal and mass media. Understanding and using personal and mass media channels to communicate with others.

Agricultural Sales [SC_FISC 38-015] 2 cr. Spring. Interactive, emphasizing practical sales. Provide basic steps to the sales process and prepares students for both a career in sales and related sales applications found in everyday life. Includes training in negotiation skills, body language, and time management.

Community Leadership [SC_LSC 80] 1 cr. Winter, Session 2. Discussion and practice in developing and expanding desirable qualities of leadership.
Elements of Public Speaking [SC_FISC 81] 1 cr. Fall.
Practice in organizing and presenting ideas and improvement of individual speech habits.

Spanish for Agriculture [SC_FISC 038] 2 cr. Fall.
Beginner level course intended for those working with or managing Spanish speaking employees. Students will gain Spanish vocabulary and communication for the workplace specific to the agricultural sciences. In addition, workplace culture and employee management for Hispanic customs will be covered.

Plant Pathology


Soil Science

Soil formation; important physical and chemical properties; soil moisture; introduction to soil fertility; soil mapping and classification. Prerequisite for Soil and Crop Nutrient Management. Students will be offered free soil tests for up to five samples.

Soil & Crop Nutrient Management [SC_SOILS 52]

School of Veterinary Medicine

Going beyond the basics, students will develop a functional understanding of dairy cattle reproduction, explore tools for effective management on today’s diverse dairy farms, and learn to analyze the whole farm when troubleshooting problems from fertility through freshening.
Farm and Industry Short Course
Class Schedule for 2012-2013

**Fall — 6 Weeks**
*November 5 – December 14, 2012*
- Agribusiness Communications
- Business Principles for Ag Management
- Convocation
- Elements of Public Speaking
- Farm Machinery
- Feeding Dairy Cattle/Ruminant Nutrition
- Forage Crops
- Intro to Plant Science
- Livestock Housing
- Meat Animal Evaluation & Marketing
- Pasture-Based Livestock/Dairy Seminar: Business Startup
- Reproduction of Farm Animals
- Spanish for Agriculture
- Welding

**Winter Session 1 — 1 Week**
*January 14 – 18, 2013*
- Agribusiness Human Resources Management
- Dairy Cattle Reproductive Management and Troubleshooting
- Diagnosis & Monitoring Pests/Nutrients
- Pasture Management

**Session 2 — 3 weeks**
*January 22 – February 8, 2013*
- Advanced Reproduction
- Ag Energy Management & Wiring
- Agricultural Safety and Health
- Animal Breeding & Genetics
- Community Leadership
- Dairy Cattle Evaluation
- Dairy Marketing & Cooperatives
- Farm Power
- Grain Marketing
- Introductory Soil Science
- Landscape Architecture
- Pasture-Based Livestock/Dairy Seminar: Developing a Business Plan
- Sheep Management
- Wildlife Management
Spring – 6 weeks
February 11 – March 22, 2013
• Advanced Reproduction
• Agricultural Sales
• Agribusiness Communications
• Beef Cattle Management & Production
• Agribusiness Feasibility Planning
• Dairy Herd Health
• Dairy Herd Management
• Dairy Records Management
• Farm Insects
• Farm Law
• Food & Dairy Products Processing
• Grain Crops Production & Management
• Landscape Construction & Maintenance
• Pasture-Based Livestock/Dairy Seminar: Managing a Business
• Plant Diseases
• Precision Agriculture Technologies
• Principles of Dairy Cattle Judging
• Rural Social & Economic Issues
• Soil & Crop Nutrient Management
• Swine Management & Production
• Weed Identification & Management
• Welding

Note: The above course offerings are contingent upon a sufficient level of funding provided by the state Legislature and Governor’s office.
UW Faculty and Staff Participating in Short Course

Agricultural and Applied Economics
Brannstrom, Arlin
Cropp, Robert
Konopacki, Larry

Agronomy
Kojis, William
Renz, Mark
Undersander, Daniel

Animal Sciences
Crenshaw, Tom
Kirkpatrick, Brian
Russell, Ron
Schaefer, Dan
Thomas, David

Biological Systems Engineering
Holmes, Brian
Kammel, David
Nelson, Jeff
Sanford, Scott
Skjolaas, Cheryl

Dairy Science
Combs, David
Guenther, Jerry
Halbach, Ted
Rhoda, David
Weigel, Kent
Wiltbank, Milo

Entomology
Pellitteri, Phil

Food Science
Button, Beth

Horticulture
Nelson, Eileen

Soil Science
Cates, Richard
Wolkowski, Richard

School of Veterinary Medicine
Brotzman, Rebecca
Momont, Harry

UW Extension
Linnebur, Alan (Washington Co.)
Wagner, Trisha (Jackson Co.)

Wildlife Ecology
Nack, Jamie

2011-2012 WALSAA Academic Awards
Campus Visits
Prospective students are encouraged to visit campus, especially during the academic year (November through March). Students and parents can tour the agriculture campus, see the Short Course dorms, visit classes, meet with professors, and talk with other Farm and Industry Short Course students. Students can set up an individual visit or attend the Farm and Industry Short Course Preview Days. These are specific days which are catered to help prospective students get acquainted with campus, the program, and its staff. This year Preview Days are scheduled for:

- Friday October 5, 2012 (9:00 a.m. — 11:30 p.m.)
  during World Dairy Expo
- November 28 or 29th, 2012 (9:30 a.m. — 2:30 p.m.)
- February 13 or 14th, 2013 (9:30 a.m. — 2:30 p.m.)

If you would like to schedule an individual campus visit please call (608) 263-3918 or send us an email at: fisc@cals.wisc.edu. Prospective students are encouraged to register at: http://fisc.cals.wisc.edu/ to attend a Preview Day.

Orientation and Registration Day
All Farm and Industry Short Course students and their parents are encouraged to attend the Orientation Day program. The program will take place October 17, 2012 from 8 a.m. to 4 p.m. The day’s agenda will include:

- Registration
- Academic advising and selection of Fall courses
- Course enrollment
- Attainment of University Photo ID card

Students attending the Orientation will have priority in registration for classes.

How to Apply
If the Farm and Industry Short Course offers what you want in training for farming or related work, visit our web site at http://fisc.cals.wisc.edu/ to apply. If you cannot access this form please contact our office by phone at (608) 263-3918 or email at fisc@cals.wisc.edu.

You will also need to send a copy of your certified high school or post-secondary transcript and one letter of recommendation. If you want to reserve a dormitory room, a deposit of $100 is required and should be made payable to: Short Course Dormitories. The deposit is fully refundable until October 1.
The University of Wisconsin–Madison is committed to providing equal opportunity and equal access and to complying with all applicable federal and state laws and regulations and University of Wisconsin System and university non-discrimination policies and procedures. Information, including how to file a complaint alleging discrimination, can be found at the Office for Equity and Diversity (OED) Website: www.oed.wisc.edu. OED is located at 179-A Bascom Hall, 500 Lincoln Drive, Madison, WI 53706; 608-263-2378; Wisconsin Telecommunications Relay Service: 7-1-1; Fax 608-263-5562.

McBurney Disability Resource Center
Students seeking academic adjustments or auxiliary aides in order to participate in the university’s programs or activities should contact: McBurney Disability Resource Center, 702 W. Johnson Street, Suite 2104, Madison WI 53715, (608)263-2747

Other resources for disability issues on campus can be found at: www.wisc.edu/adac/

PHOTOS—Front cover: Wolfgang Hoffmann/College of Agricultural and Life Sciences (top right and left); Jeff Miller/University Communications (bottom right and left). Back cover: Wolfgang Hoffmann (left); Clemson University (right). All inside photos by Wolfgang Hoffmann except as noted.
Short Course Reunion

Attend the Farm and Industry Short Course reunion to reunite with old friends and make new ones. The 128th reunion will be held January 26, 2013 at the Coliseum Bar and Banquet in Madison. Food and entertainment are provided. Short Course alumni and current students are encouraged to attend. Hotel accommodations near the Coliseum Bar are available.

Please check the website for more information: fisc.cals.wisc.edu.