Why Wisconsin?
Top Ranked University
University of Wisconsin-Madison: **In the rankings...**

#1 Professor evaluations on RateMyProfessors.com. (2016)

#6 Total research expenditures among U.S. public universities (2017 NSF)

#1 Best College Football Town in America (2017 Bleacher Report)

#4 Top Producers of Fortune 500 CEO’s (2016)

#1 Producing Peace Corp Volunteers (Peace Corps, 2017)

#11 Best value in public colleges (2017 Kiplingers), #18 (2017 Forbes)

#11 America’s best public colleges (2017 U.S. News)

#7 Business School among national public universities (2017 U.S. News)

#28 Among all universities worldwide (Shanghai Jiao Tong University, 2017)
Admissions are Competitive

Academics Matter Most

- High school rank (85th - 97th percentile*)
- ACT or SAT scores (28-32 ACT Composite*)
- GPA in core academic courses (Math, Science & English); no minimum (3.8-4.0 GPA*)

Goal: Target freshmen enrollment = 6,600 students
      Target WI residents in freshman class = 3,600

Campus diversity is considered.
CALS Production Ag Major Admission Initiative
Admission Decisions:
admit, postpone, deny

APPLICATION DEADLINES

<table>
<thead>
<tr>
<th></th>
<th>Deadline</th>
<th>Notification</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Fall Notification</td>
<td>November 1</td>
<td>End of January</td>
</tr>
<tr>
<td>Second Fall Notification</td>
<td>February 1</td>
<td>End of March</td>
</tr>
<tr>
<td>Spring Term</td>
<td>October 3</td>
<td>End of December</td>
</tr>
</tbody>
</table>
## Tuition, Fees, and Expenses for 2017-2018

<table>
<thead>
<tr>
<th></th>
<th>Wisconsin Resident</th>
<th>Minnesota Resident</th>
<th>Out-of-State/International</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition &amp; Fees</td>
<td>$10,534</td>
<td>$14,060</td>
<td>$34,783</td>
</tr>
<tr>
<td>Room &amp; Board</td>
<td>$10,842</td>
<td>$10,842</td>
<td>$10,842</td>
</tr>
<tr>
<td>Books &amp; Supplies</td>
<td>$1,200</td>
<td>$1,200</td>
<td>$1,200</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>$2,300</td>
<td>$2,300</td>
<td>$2,300</td>
</tr>
<tr>
<td>Travel</td>
<td>$760</td>
<td>$1,050</td>
<td>$1,370</td>
</tr>
<tr>
<td><strong>Total Cost of Attendance</strong></td>
<td><strong>$25,636</strong></td>
<td><strong>$29,452</strong></td>
<td><strong>$50,495</strong></td>
</tr>
</tbody>
</table>
Comparing the True Cost of Attendance

**Average Annual Cost For WI Resident ($)**

- $19,378 (UW-Madison)
- $28,184 (Iowa State)
- $19,378 (Minnesota)
- $41,078 (Illinois)
- $14,402 (UW-River Falls)
- $15,419 (UW-Platteville)

**Salary After Attending ($)**

- $54,200 (UW-Madison)
- $48,600 (Iowa State)
- $49,800 (Minnesota)
- $57,600 (Illinois)
- $40,200 (UW-River Falls)
- $44,500 (UW-Platteville)

Comparing Graduation Rates

Graduation Rate (%)

<table>
<thead>
<tr>
<th>Institution</th>
<th>Graduation Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>UW-Madison</td>
<td>84%</td>
</tr>
<tr>
<td>Iowa State</td>
<td>70%</td>
</tr>
<tr>
<td>Minnesota</td>
<td>78%</td>
</tr>
<tr>
<td>Illinois</td>
<td>85%</td>
</tr>
<tr>
<td>UW-River Falls</td>
<td>56%</td>
</tr>
<tr>
<td>UW-Platteville</td>
<td>53%</td>
</tr>
</tbody>
</table>

61% of UW-Madison students receive some assistance
36% of enrolled freshmen received grant aid

All Applicants: Complete the Free Application for Federal Student Aid (FAFSA),

- available online at www.fafsa.ed.gov or from the UW Office of Student Financial Services as soon after January 1 as possible
Over $1,000,000 available in CALS

$140,000 awarded by Dairy Science

Incoming Dairy Science freshmen who applied for Fall 2017-'18 scholarships ranged from $1,000 to $6,000

One common application found at scholarships.wisc.edu

APPLICATION DEADLINE:
February 1st
In the Heart of the Dairyland
Employment Opportunities

- Wisconsin’s dairy industry contributes $43.4 billion to our economy each year and employs more than 78,900 people
- Each of Wisconsin’s 1.27 million dairy cows generates $34,000 in annual economic activity

Placement of Dairy Science BS grads ~100%

- Median starting salary = $50,000
- Employment breakdown (roughly):
  - 30% graduate or professional school
  - 40% dairy industry (technical support, sales)
  - 30% farm management/ownership
What Fields Our Students Go Into

Industry demand for dairy science grads is greater than supply

- Veterinary medicine
- Animal nutrition and consulting
- Livestock reproduction
- Dairy Genetics and breed associations
- Dairy Herd Management
- Laboratory research
- Information technology
- Agricultural Extension
- Sales, marketing and international business
- Agricultural Communications
Dairy Science Lives Here!
Dairy Science Degree Program

Areas of specialization

- Pre-Vet or Research
- Agri-Business
- Dairy Operation Management
Dairy Science Degree Program

Requirements for Dairy Science Majors
All students take these core courses

- ✓ 101 Livestock Production
- ✓ 233 Dairy Herd Management I
- ✓ 234 Dairy Herd Management II
- ✓ 305 Lactation Physiology
- ✓ 311 Comparative Animal Nutrition
- ✓ 313 Animal Feeds and Diet Formulation
- ✓ 361 Introduction to Animal and Veterinary Genetics
- ✓ 362 Veterinary Genetics or
- ✓ 363 Principles of Animal Breeding
- ✓ 373 Animal Physiology
- ✓ 414 Ruminant Nutrition
- ✓ 434 Reproductive Physiology
- ✓ 535 Dairy Farm Management Practicum
Dairy Science Degree Program

All Dairy Science Majors Select 3 Credits From This List of Elective Courses

- 205 Dairy Cattle Improvement Programs
- 272 Pre-Capstone Seminar
- 299 Independent Study
- 370 Livestock Production and Health in Agricultural Development
- 375 Intercollegiate Dairy Cattle Judging Competitions
- 375 Intercollegiate Dairy Challenge Competitions
- 375 Food Systems Sustainability and Climate Change
- 471 Food Systems and Sustainability
- 472 Animal Ag & Global Sustainable Environment
- 473 Study Abroad Field Program in Mexico
- 534 Reproductive Management of Dairy Cattle
Dairy Science Degree Program

Requirements for Dairy Science Major

Student and advisor pick from list of recommended elective (advanced) courses in:

- Biological sciences
- Business management
- Communication/marketing
- Environmental science
- Food science
- Foreign languages
Dairy Science Degree Program

- Simple for student and advisor
- Tailor a set of courses to each student’s needs and interests
- Change specialization without extending time to graduation
- Easy to double-major, even outside of CALS
High Impact Practices

**Capstone Learning**
- Work with others
- Incorporate research
- Involve problem solving

**Required Internships**
- Gain “Real World” experiences
- Learn effective communication
- Network with future employers
High Impact Practices

**Faculty Staff Advisors**
- Academic and career planning
- Qualified to speak about dairy
- Future reference

**International Experiences**
- Think about your values & identity
- Gain a global perspective
- Exposure to different dairy systems
World Class Faculty
Faculty Productivity

- Among 61 animal sciences departments nationwide:
  - #2 in published journal articles per faculty member
  - #1 in national awards per faculty member
  - #2 in article citations per faculty member
  - #6 in grants per faculty member
  - #1 in overall Faculty Scholarly Productivity Index (100th percentile)
State of the Art Dairy Facilities
Campus Dairy Cattle Center

- Cattle areas (stalls, silos, parlor, arena) remodeled in March 2013
- Human areas (classroom/lab, locker rooms, learning center) to be remodeled in 2015
- Used heavily by CALS, Vet Med, and FISC

Arlington Blaine Dairy

- State-of-the-art research facility for 500 lactating cows

Marshfield Agricultural Research Station

- Unique research facility for 550 growing heifers
- Studying the impact of dairy on soil, air and water quality
Campus Involvement
Living Community Opportunities

- Residence Halls
- Alpha Gamma Rho
- Association of Women in Agriculture
- Babcock House
- Delta Theta Sigma
Part Time Employment

Over 40 student positions are available in Dairy Science

- Dairy Herds
- Research Laboratories
- Administrative Offices
Get Involved!
On-Campus Extracurricular Activities

- Intramural sports
- Attend UW Athletics
- Badger Dairy Club
- Collegiate FFA
- Horticulture Club
- Alpha Gamma Rho
- CALS Student Council
- Dairy Judging Team
- Dairy Challenge Team
- Campus Lectures
- Movies
Here is what some recent grads said about their experiences at UW-Madison majoring in Dairy Science:

- “I’ve really enjoyed all the opportunities for travel throughout college whether that was through Badger Dairy Club, dairy judging, or for an internship.”

- “My most memorable college experience was being part of the National Dairy Challenge Team that won first place Platinum at Syracuse, New York.”

- “When it came down to a great dairy program and the Big Ten atmosphere, there was no other choice for me.”

- “I wouldn’t think twice about doing it again. It’s been a great experience.”
How You Will Grow...

Perceptions of Learning Gains, 2013-14 Bachelor's Graduates

"How able were/are you to..."

- Communicate in a language other than English
- Appreciate the arts such as literature, music, and fine arts
- Understand cultures and societies outside of the United States
- Contribute to the welfare of others
- Understand culture and society within the United States
- Speak effectively
- Work collaboratively in groups
- Lead others effectively
- Use computers and electronic technology
- Apply knowledge and skills in real world settings
- Apply skills and knowledge of your chosen major(s)
- Find, organize, and evaluate information from multiple sources
- Draw conclusions after weighing evidence, facts, and ideas
- Develop a personal code of ethics and values
- Empathize with differences based on culture, ethnicity, disability or sexual orientation
- Write effectively

Scale:
5 - Extremely
4 - Very
3 - Somewhat
2 - A Little
1 - Not at all

Source: Undergraduate Post Graduation Plans Questionnaire. For details & reports see http://apir.wisc.edu/pgp.htm

ACADEMIC PLANNING & INSTITUTIONAL RESEARCH, OFFICE OF THE PROVOST • VICE CHANCELLOR FOR FINANCE & ADMINISTRATION
Mooving Forward.
DAIRY SCIENCE AT WISCONSIN

Questions?