

ABOUT THE PROGRAM

Introduces the learner to animal health, diseases, and immune systems, with an emphasis on healthy animals, the application of livestock breeding, phenotypic and genotypic effects, and selection. Provides an understanding of livestock anatomy, endocrinology, and factors that influence reproduction performance. Also introduces the student to financial impacts of running a successful agribusiness or farm operation, which includes a basic understanding of business management practices, and public policies.

PROGRAM OUTCOMES

- Apply genetic applications and methods of mating selection
- Apply the understanding of reproduction and fertility to reproduction performance
- Apply and know the common diseases of domestic livestock and related intervention practices
- Prepare for Artificial Insemination Certification seminar/exam (*additional vendor fee will be assessed if this option is chosen*)

ADMISSIONS AND FIRST SEMESTER ENROLLMENT STEPS

- Submit online application.
- Complete the online Student Success Questionnaire.
- Schedule your First Time Program Counseling/Registration Session with your assigned program counselor to plan your first semester schedule, review your entire plan of study and discuss the results of the Student Success Questionnaire.

FUTURE SEMESTER ENROLLMENT STEPS

- Complete online Student Success Tutorial prior to registering for second semester.

APPROXIMATE COSTS

- \$143.45 per credit tuition (WI resident) plus \$8.61 per credit student activity fee. Material fee varies depending on course. Other fees vary by program. Visit gotoltc.edu/financial-aid/tuition-and-fees for details.

SPECIAL NOTE

This certificate's class schedule is provided in the iFlex format which allows students to take courses online, face-toface or flex between the two.

CAREER AND EDUCATION ADVANCEMENT OPPORTUNITIES

Credits transfer to LTC's Agriculture Technician Technical Diploma, which can be completed with one additional year of part-time classes. Students may then enter the second year of the associate degree, Agribusiness Science & Technology.

CONTACT

LTC Admissions Advisor
 920.693.1162 • Admissions@gotoltc.edu

| Catalog No. | Class Title | Credit(s) |
|------------------------|-------------------------------|-----------------|
| Term 1 (Fall) | | |
| 10006112 | Farm Business Management | 3 |
| 10006114 | Intro to Animal Science | 3 |
| | | 6 |
| Term 2 (Spring) | | |
| 10006110 | Ag Finance & Accounting | 3 |
| 10006124 | Principles of Animal Breeding | 3 |
| | | 6 |
| | | TOTAL 12 |

Curriculum and Program Acceptance requirements are subject to change. Program start dates vary; check with your advisor for details. The tuition and fees are approximate based on 2022-2023 rates and are subject to change prior to the start of the academic year.

AG FINANCE AND ACCOUNTING...introduces learner to major aspects of agribusiness financial management through extensive problem solving, financial analysis and planning. Students will describe and calculate the sweet 16 ratios, business cash flows, inventory controls, budgeting and borrowing considerations of various types of agribusinesses. Relevant software tools will be introduced. PREREQUISITE: 10006112 Farm Business Management

FARM BUSINESS MANAGEMENT...provides learner with basic business management practices including the development of a business plan, establishment of short and long range goals, identification and implementation alternatives for reaching goals, and development of strategies to monitor progress. The importance of designing a business mission statement based on goals is emphasized.

INTRO TO ANIMAL SCIENCE...provides animal science fundamentals including animal health, animal environments, anatomy and physiology, genetics and reproduction, animal feedstuffs, and animal-related safety.

PRINCIPLES OF ANIMAL BREEDING...applies genetic principles and reproduction physiology to livestock improvement including elementary population genetics, phenotypic and genotypic effects of selection, selection methods, and systems of mating. PREREQUISITE: 10006114 Intro to Animal Science or 10091102 Dairy Cattle Management