DEGREES & PROGRAMS

BS  Animal Science
    CONCENTRATIONS
    Animal Management
    Biotechnology & Research
    Equine Science

BS  Pre-Veterinary Science

MS  Animal Biotechnology & Biomedical Sciences

PhD  Animal Biotechnology & Biomedical Sciences

EDUCATION

A focus on animal science and pre-veterinary science, with a student/faculty ratio of 16:1

Students have the opportunity to work directly with large and small animals at the UMass farms and engage in research in state-of-the-art laboratories

STUDENT ORGANIZATIONS

Bay State Livestock Classic
Pre-Veterinary & Animal Science Club
Animal Science Peer Mentor Group
Northeast Student Affiliate of the American Dairy Science Association

POINTS OF PRIDE

Sam Black, PhD was awarded the Chancellor’s Medal

From the class of 2018, 42% students graduating were accepted into veterinary medical school or graduate school

Four sophomore students selected for Early Acceptance to Cummings School of Veterinary Medicine at Tufts University

Katie Beltaire, DVM initiated an Animal Science Public Outreach Practicum

Kathleen Arcaro, PhD is introducing a new undergraduate course, Canine Tumor Project

John M. Clark, PhD has been elected by the Governing Board of the Entomological Society of America as a new Fellow of the Society for 2018

Dom Alfandari, PhD was awarded three grants from the National Institutes of Health totalling $5 million

Rafael Fissores, PhD was awarded a $1.8 million grant from the National Institutes of Health

Leonid Pobezinsky, PhD was awarded a $400,000 grant from the National Institutes of Health

Pablo Visconti, PhD was awarded two grants from the National Institutes of Health totaling more than $1 million

LEADERSHIP & HONORS

Animal Science Major BS degree now offers an Equine Science concentration

Katie Beltaire, DVM offered a Pre-Veterinary Medicine Summer Pre-College class

The Cui, Mager and Tremblay Labs participated in the William Lee Science Impact Program

Kimberly D. Tremblay, PhD was the Keynote Speaker at Commonwealth Honors College Induction Ceremony

Ana Maria Salicioni, PhD serves as the Frontiers in Reproduction Course Manager

RESEARCH AREAS

Autoimmune Diseases
Breast Cancer
Developmental Biology
Environmental Toxicology
Fertility Research
Infection and Immunity
Lymphoid Development
Reproductive Biology
Stem Cell Biology
Veterinary Immunopathology

FACILITIES

Biosafety level 3 facility
Equine reproductive services
Equine & Livestock Research and Education Center - UMass Hadley Farm
Flow Cytometry Core Lab
Massachusetts Pesticides Lab
Medaka Breeding Lab
Microscopy and Imaging Lab
Stem Cell Lab
UMass Amherst South Deerfield Farm
Xenopus Breeding Lab

BY the NUMBERS

tenure faculty: 15
research faculty: 4
lecturers: 5
postdoctoral fellows: 7
undergraduate major students: 463
graduate students: 21
available scholarships: 10
research awards: $7.7M