

# MAKE YOUR PASSION YOUR CAREER



**BACCALAUREATE DEGREE**

Accredited | 100% Online | 8 Start Dates a Year

## ANIMAL SCIENCE

**Do you love animals** and want to turn your passion into a career? In the Animal Science Program you can choose your track and specialize in a type of animal care. Choose from Companion Animal Care and Training, Sustainable Livestock Management, or Equine Science and Management.

### PROGRAM FEATURES

- + Transfer friendly! We will accept up to 90 credits.
- + Experiential Online. Experiential programs are delivered 100% online with field work designed with the working professional in mind.
- + Study when and where you want and finish your degree while still working full-time.
- + One-on-one academic advising as our trained staff strive to make your professional and academic goals a reality.
- + Unity Environmental University is an accredited institution by New England Commission of Higher Education (NECHE).
- + Make professional connections with leaders in your field.
- + Get job placement assistance through our career services department.



DISTANCE EDUCATION

### COSTS

- + \$470 per credit | Military Rate: \$423
- + Full time financial aid is available to students taking as few as 3 credits/term.
- + No textbooks to purchase in over half of our courses!

### CAREER OUTCOMES, GROWTH\*, & SALARY\*\*

Livestock Manager

\$ \$50k 📈 +6

Zoologist

\$ \$48k 📈 +8

Animal Husbandry &  
Science Technician

\$ \$40k 📈 +7

\*Projected 10-year growth

\*\*National median salary

Source: O\*Net



# ANIMAL SCIENCE



## JOB OUTCOMES, GROWTH\*, & SALARY\*\*

At Unity Environmental University, we understand the importance of aligning education with your passions and career goals. That's why our courses are thoughtfully designed to equip you with the knowledge and skills necessary to pursue a rewarding career with gainful employment in your chosen field. Additionally, our faculty consists of experienced professionals who bring real-world insights, providing you with valuable mentorship and guidance. At Unity, you will find exceptional career development resources and experiential opportunities to further enhance your employability and help you achieve your professional aspirations.



### Livestock Manager

Median Salary: \$50k  
Growth: +16

Livestock Managers plan, direct, or coordinate the management or operation of farms or ranches. They hire, train, or supervise farm workers or contract for services to carry out the day-to-day activities of the managed operation, and may also engage in breeding, financial, or marketing activities.

### Zoologist

Median Salary: \$48k  
Growth: +8

Zoologists specialize in the study of animals and their ecosystems. Job tasks include; researching animal behavior, collecting zoological data for analysis, and contributing to the publication of scientific journals.

### Animal Husbandry & Science Technician

Median Salary: \$40k  
Growth: +7

Animal Husbandry & Science Technicians are responsible for feeding, watering, herding, grazing, castrating, branding, debeaking, weighing, catching, and loading animals. They also maintain records, examine animals, administer medications and vaccinations as needed.

\*Projected 10-year growth

\*\*National median salary

Source: O\*Net



DISTANCE EDUCATION

## UNOFFICIAL BACCALAUREATE CHECKSHEET ANIMAL SCIENCE

Student Name

Total Transfer Credits    Checksheet Date

### ANIMAL SCIENCE PROGRAM

The B.S. in Animal Science prepares students to apply animal biology, chemistry, nutrition, and physiology to the study of animal breeding and genetics, growth, behavior, and management. The curriculum can be applied to a great variety of species, from livestock to companion animals to pets. The animal science major provides excellent preparation for students who wish to find positions immediately upon graduation, as well as those who plan to enter graduate or veterinary schools to obtain advanced degrees.

### GRADUATES WILL BE ABLE TO:

- + Describe basic principles of animal genetics, nutrition, reproduction and physiology, and explain how they inform best practices in animal husbandry.
- + Apply knowledge of animal husbandry, behavior and handling techniques to effectively interact with animals in a safe and humane manner.
- + Describe the breadth of animal sciences in terms of the variety of career paths, the diversity of the animal industries, and the many roles of animals in society.
- + Use scientific methods in solving 'real-world' problems including collecting and evaluating information, forming predictions, collecting and interpreting data and implementing action.
- + Effectively use communication skills (both oral and written) to build and sustain professional relationships and engage in productive discourse and/or work related to challenging issues with animals at local, national, and/or international levels.

### General Education Core

- BIOL 103** Biology: Foundations of Life
- BIOL 104** Biology: Foundations of Life Laboratory (1cr)
- BIOL 105** Biological Diversity, Ecology, and Evolution
- BIOL 106** Biological Diversity, Ecology, and Evolution Laboratory (1cr)
- CHEM 101** Chemistry I
- CHEM 102** Chemistry I Laboratory (1cr)
- COMM 100** Communication Skills for Online Learners (2cr)
- COMM 102** Strategic Writing for Environmental Professionals (2cr)
- COMM 301** Communicating for Impact (2cr)
- ENVS 201** The Warming Planet: Understanding Climate Change
- MATH 201** Statistics for Environmental Professionals  
OR **MATH 215** Calculus
- An Arts course
- A Humanities course
- A Language course
- A Social Science course

### Environmental Professional Core

- EVPC 100** Ecoliteracy (1cr)

#### 3 CREDITS OF ENVIRONMENTAL ISSUES (FROM THE LIST BELOW):

- EVPC 201** Environmental Issues: Deforestation, Biodiversity Loss, and Overpopulation
- EVPC 202** Environmental Issues: Energy, Water Scarcity, and Waste
- EVPC 210** Environmental Issues: Ocean Acidification (1cr)
- EVPC 211** Environmental Issues: Forever Chemicals (1cr)
- EVPC 212** Environmental Issues: Light and Noise Pollution (1cr)
- EVPC 213** Environmental Issues: Climate Refugee Crisis (1cr)
- EVPC 301** Environmental Justice OR  
**EVPC 305** Building a Better World: Ethical Decision-Making
- EVPC 401** Transformational Leadership
- EVPC 490** Transdisciplinary Capstone

\* All courses are 3 credits unless otherwise noted.



DISTANCE EDUCATION

## UNOFFICIAL BACCALAUREATE CHECKSHEET ANIMAL SCIENCE

### Program Core

- ANIM 205** Animal Nutrition
- ANIM 301** Animal Husbandry and Genetics
- ANIM 302** Animal Comparative Anatomy
- ANIM 304** Animal Comparative Physiology
- BIOL 301** Animal Behavior: The Evolution, Ecology, and Social Behavior of Animals
- BIOL 310** Microbiology
- BIOL 315** Cell Biology
- CHEM 103** Chemistry II
- CHEM 104** Chemistry II Laboratory (1cr)
- CHEM 201** Organic Chemistry I
- CHEM 202** Organic Chemistry I Laboratory (1cr)
- CHEM 301** Biochemistry
- CHEM 302** Biochemistry Laboratory (1cr)

### Select one track:

\*Please work with your advisor to choose your electives and/or a potential concentration

#### Companion Animal Care and Training Track

- ANIM 103** Animal Training and Care
- ANIM 306** Understanding the Role of Emotional Support and Service Animals

#### Sustainable Livestock Management Track

- ANIM 310** Sustainable Livestock Health, Nutrition, and Care
- ANIM 410** Sustainable Livestock Management

#### Equine Science and Management Track

- ANIM 315** Equine Health, Nutrition, and Care
- ANIM 415** Horse Facility Management

### General Electives

- 32 credits of general electives

### University Wide Requirements

A minimum of 120 earned credit hours, 30 credits at the 300 level or above, a minimum of 30 credits earned at Unity, and an overall cumulative GPA of 2.0 or above.



DISTANCE EDUCATION

# UNOFFICIAL BACCALAUREATE CHECKSHEET ANIMAL SCIENCE

**SECOND DEGREE**

Student Name

Total Transfer Credits    Checksheet Date

## ANIMAL SCIENCE PROGRAM

The B.S. in Animal Science prepares students to apply animal biology, chemistry, nutrition, and physiology to the study of animal breeding and genetics, growth, behavior, and management. The curriculum can be applied to a great variety of species, from livestock to companion animals to pets. The animal science major provides excellent preparation for students who wish to find positions immediately upon graduation, as well as those who plan to enter graduate or veterinary schools to obtain advanced degrees.

### GRADUATES WILL BE ABLE TO:

- + Describe basic principles of animal genetics, nutrition, reproduction and physiology, and explain how they inform best practices in animal husbandry.
- + Apply knowledge of animal husbandry, behavior and handling techniques to effectively interact with animals in a safe and humane manner.
- + Describe the breadth of animal sciences in terms of the variety of career paths, the diversity of the animal industries, and the many roles of animals in society.
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- + Effectively use communication skills (both oral and written) to build and sustain professional relationships and engage in productive discourse and/or work related to challenging issues with animals at local, national, and/or international levels.

## General Education Core

- BIOL 103** Biology: Foundations of Life
- BIOL 104** Biology: Foundations of Life Laboratory (1cr)
- BIOL 105** Biological Diversity, Ecology, and Evolution
- BIOL 106** Biological Diversity, Ecology, and Evolution Laboratory (1cr)
- CHEM 101** Chemistry I
- CHEM 102** Chemistry I Laboratory (1cr)
- MATH 201** Statistics for Environmental Professionals OR **MATH 215** Calculus

## Environmental Professional Core

- EVPC 100** Ecoliteracy (1cr)

### 3 CREDITS OF ENVIRONMENTAL ISSUES (FROM THE LIST BELOW):

- EVPC 201** Environmental Issues: Deforestation, Biodiversity Loss, and Overpopulation
- EVPC 202** Environmental Issues: Energy, Water Scarcity, and Waste
- EVPC 210** Environmental Issues: Ocean Acidification (1cr)
- EVPC 211** Environmental Issues: Forever Chemicals (1cr)
- EVPC 212** Environmental Issues: Light and Noise Pollution (1cr)
- EVPC 213** Environmental Issues: Climate Refugee Crisis (1cr)

- EVPC 301** Environmental Justice OR **EVPC 305** Building a Better World: Ethical Decision-Making
- EVPC 401** Transformational Leadership
- EVPC 490** Transdisciplinary Capstone

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DISTANCE EDUCATION

## UNOFFICIAL BACCALAUREATE CHECKSHEET ANIMAL SCIENCE

**SECOND DEGREE**

### Program Core

- ANIM 205** Animal Nutrition
- ANIM 301** Animal Husbandry and Genetics
- ANIM 302** Animal Comparative Anatomy
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- CHEM 302** Biochemistry Laboratory (1cr)

### Select one track:

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- ANIM 306** Understanding the Role of Emotional Support and Service Animals

#### Sustainable Livestock Management Track

- ANIM 310** Sustainable Livestock Health, Nutrition, and Care
- ANIM 410** Sustainable Livestock Management

#### Equine Science and Management Track

- ANIM 315** Equine Health, Nutrition, and Care
- ANIM 415** Best Management Practices for Ranches and Stables

53 credits will be met by a Second Degree Transfer Block.

### University Wide Requirements

A minimum of 120 earned credit hours, 30 credits at the 300 level or above, a minimum of 30 credits earned at Unity, and an overall cumulative GPA of 2.0 or above.