



Livestock Science Camp

Hosted by NC State Animal Science
Coordinated by: Dr. Carrie Pickworth



What is NC State's Livestock Science Camp? The camp program is designed to have students engage in the science (**nutrition, genetics, physiology, health, engineering** etc.) of animal production. Participants have the opportunity to physically engage with animals, their care takers, and industry leaders. Examples of these include: taking blood samples from sheep to determine their health status related to internal parasites, conducting body measurements of horses to determine body fat composition and overall health, and collecting and evaluating milk samples from dairy cows to estimate the amount of antibodies to ensure baby calves develop a strong immune system. Participants will also have opportunities to conduct laboratory experiences investigating nutrition, biotechnology, genetics, and more. Throughout the week we explore the high-demand STEM careers related to animal science.

What is the format of the camp? The campers will check into the camp and a NC State dorm on Sunday afternoon, June 28th and stay Friday afternoon July 3rd, 2020. During this time campers will be provided housing, food, transportation, and lots of learning opportunities. NC State Animal Science and Agricultural Education students serve as counselors and part of the educational team.

Who should apply? Any youth ages 14-17 years old who wants to explore **science** and has an interest in **animals**. No prior experience working with livestock animals is required- this is a fun and safe place to try out new things. Applicants should be enthusiastic about exploring opportunities to advance the lives of animals and human-animal interactions.

What do students gain from participating? Camper reflections demonstrate growth in the detail and precision of scientific management practices that go into caring for livestock, a deeper appreciation for the production livestock species in which they may not have previously had an opportunity to engage with, memories that will last a lifetime and may even open doors to new careers, and build a network of friends throughout NC State.

Where can applicants get more information and apply? Visit <https://cals.ncsu.edu/animal-science/extension/livestock-science-camp/> for pictures, stories, and more information. The application is available through this link until March 15th. Students with financial need should complete all sections of the application to be considered for a scholarship. Email: carrie_pickworth@ncsu.edu or livestocksciencecamp@gmail.com or call Dr. Carrie at 919-513-0262 with questions.

NC State, the College of Agricultural and Life Sciences, and the Livestock Science Camp are committed to supporting diversity engagement. Diversity is about more than just one element of a person's identity, like race, gender or ethnicity. It's about inclusion, equity and celebrating differences — as well as similarities. We strive to make this camp a gateway of inclusion for exploring animal science.



NC State Livestock Science Camp 2020						
	Sunday 28-Jun	Monday 29-Jun	Tuesday 30-Jun	Wednesday 1-Jul	Thursday 2-Jul	Friday 3-Jul
7:00am		Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
7:30am						
8:00am		Intro/Careers	Intro/Careers	Intro/Careers	Intro/Careers	Intro/Careers
8:30am		Bus to SREU	Bus to BEU	Bus to SEU	Bus to DEU	Bus to EEU
9:00am		Unit Activities	Unit Activities	Unit Activities	Unit Activities	Unit Activities
9:30am		Small Ruminant	Beef	Swine	Dairy	Poultry
10:00am						
10:30am						
11:00am						
11:30am		Bus to dorm	Bus to dorm	Bus to dorm	Bus to dorm	Bus to Riddick
12:00pm	Counselors	Free Time	Free Time	Free Time	Free Time	Free Time
12:30pm	Check-in	Lunch	Lunch	Lunch	Lunch	Lunch
1:00pm		Dining Hall	Dining Hall	Dining Hall	Dining Hall	Riddick Hall
1:30pm		Bus to Riddick	Bus to Trip 1	Bus to Trip 1	Bus to Trip 1	Family Reception
2:00pm						Dismissal
2:30pm		Science		3 Animal Science		Counselor
3:00pm		Laboratory	Field Trip	Laboratory	Field Trip	Clean out
3:30pm		Rotations		Rotations		
4:00pm			Bus 1-2		Bus 1-2	
4:30pm	Walk to Riddick	NC State		Walk to Dorm		
5:00pm	Orientation	Admissions	Field Trip	Free Time	Field Trip	
5:30pm	Team Building	Dinner		Bus to BEU		
6:00pm		Speaker	Bus	Clubs	Bus	
6:30pm	Dinner	Walk	Dinner	Dinner	Dinner	
7:00pm	Speaker					
7:30pm	Campus	NC State	Bus to Campus		Bus to Campus	
8:00pm	Tour	History		Ag Olympics		
8:30pm			Reflections		Reflections	
9:00pm	Goals			Bus to Dorm		
9:30pm		Reflections	Free Time	Reflections	Free Time	
10:00pm	Free Time	Free Time		Free Time	Tunnel Paint	
10:30pm						
11:00pm	Lights Out	Lights Out	Lights Out	Lights Out	Lights Out	