OPEN TO ALL HIGH SCHOOL YOUTH 10TH-12TH GRADE

JUNE 7TH – 12TH, 2020

EXPLORE CAREERS THROUGH OUR NINE UNIQUE CAMPS!

» Ag & Natural Resources
» Animation
» Digital media
» Engineering
» Filmmaking
» Talent in Startups
» Teaching
» Unicameral Youth Legislature
» Veterinary Science
WHAT ARE BIG RED
Summer Academic Camps?...

BIG RED SUMMER ACADEMIC CAMPS are college and career exploration camps that will give high school youth a chance to explore the UNL campus, meet people from across the country, spend time investigating an interest or potential career, enjoy exciting evening activities or trips, and have lots of fun! These are residential camps; all housing and food will be provided for all participants throughout the duration of the camp.

2020 BIG RED CAMPS will be hosted by Nebraska 4-H and UNL faculty members in various academic areas across campus. After spending several fun-filled days exploring a specific career topic, we’ll invite your family to join you for a special “capstone event” where you can showcase your work!

2020 REGISTRATION DEADLINES:
EARLY BIRD - APRIL 1st | REGULAR - MAY 1st | LATE - MAY 2nd - May 20th

Space is limited and camps will fill on a first-come, first-served basis. Limited scholarships are available to attend all Big Red Summer Academic Camps; significant scholarships may be available for select camps. Please check bigredcamps.unl.edu for additional significant scholarship information.
**DISCOVER AG & NATURAL RESOURCES**
Food, water, energy, landscape systems, animals and people are some of the greatest challenges facing our planet. Students will learn about these aspects in relation to the fields of agriculture and natural resources, and how they can make an impact in these essential systems. During this camp, students will be outside in the field, getting to experience first-hand the research facilities and learning opportunities that our campus offers. Agribusiness, animal science, agronomy, and fisheries and wildlife are just a few of the topics that will be explored in this camp taught by the University of Nebraska’s College of Agricultural Sciences and Natural Resources (CASNR).

**RELATED CAREERS:** Agronomist, Livestock Producer, Environmental Consultant, Hydrologist, Food Scientist, Fish and Wildlife Biologist.

**DATES:** June 7-12  
**GRADES FOR ’20–21:** 10th -12th  
**PARTICIPANT LIMIT:** 20  
**TUITION FEES:** Early: $400 | Regular: $450 | Late: $500

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**DISCOVER ANIMATION**
A truly playful way to learn animation from LA-based animators! In this animation camp, students will gain a deep understanding of how to control movement at the frame-by-frame level. Students will walk through the principles of animation using a variety of animation techniques including optical toys, flipbooks, stop-motion techniques, as well as basic digital processes. They will also watch a variety of animated films, both historical and contemporary, and talk about how they were made. Taught in collaboration with the Calibraska Arts Initiative by LA Based animators and animation students from Los Angeles, CA. Classes will be held at the brand new Johnny Carson Center for Emerging Media Arts. No animation or drawing experience necessary, but a spirit of exploration is required!

**RELATED CAREERS:** Animator, Editor, Storyboard Artist, Visual Development, Independent Filmmaker, Director, Motion Graphics Artist, Stop-Motion Animation.

**DATES:** June 7-12  
**GRADES FOR ’20–21:** 10th -12th  
**PARTICIPANT LIMIT:** 15  
**TUITION FEES:** Early: $600 | Regular: $650 | Late: $700
**DISCOVER DIGITAL MEDIA**

Do you enjoy writing? Do you want to be on the radio? Do you dream of producing videos? Do you love social media? Students attending this camp will receive intensive, hands-on training with writing, photography, videography, and other media creation methods to introduce them to the skills needed for careers in Advertising and Public Relations, Broadcasting, Journalism, and Sports Media and Communication. Students will have access to production studios and a variety of media production equipment to produce a team multimedia project. With creative storytelling at the core, experience the ever-changing world of media and communications. Spend the week learning from the media experts at the College of Journalism and Mass Communications at the University of Nebraska–Lincoln.

**RELATED CAREERS:** Art Director, Creative Director, Social Media Director, Digital Content Manager, Digital Media Producer, Promotions and Marketing Manager, Photographer, Production Director, Broadcast Producer, Radio Broadcasting, Sports Broadcasting, Sports Journalism, Reporter.

**DATE:** June 7-12  
**GRADES FOR ’20-’21:** 10th -12th  
**PARTICIPANT LIMIT:** 15  
**TUITION FEES:** Early: $500 | Regular: $550 | Late: $600

**DISCOVER ENGINEERING**

During this one-week residential summer camp, high school students will learn to leverage the power of engineering and science to solve global grand challenges, as outlined in the report entitled 14 Grand Challenges for Engineering by the US National Academy of Engineering. This program uses a multi-disciplinary approach to problem-solving while exploring the various fields of engineering such as mechanical, civil, electrical, biological systems, and more. The session will also involve field visits to various on-campus labs and facilities such as the Tractor Test Lab, the Midwest Roadside Safety Facility, and the Super Computing Lab, as well as off-campus excursions to local industry to enrich students’ understanding of the practical relationships between classroom work and the real world. Communication and teamwork will be integral parts of the students’ camp experience. The camp will be led by faculty and staff from the University of Nebraska–Lincoln, College of Engineering.


**DATE:** June 7-12  
**GRADES FOR ’20-’21:** 10th -12th  
**PARTICIPANT LIMIT:** 20  
**TUITION FEES:** Early: $500 | Regular: $550 | Late: $600

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“I LEARNED THROUGH HANDS-ON ENGINEERING ACTIVITIES!”

“I LEARNED HOW TO CREATE UNIQUE AND ENGAGING MEDIA CONTENT!”
Discover Teaching
Come learn how you can become a world-class teacher! The Discover Teaching camp is a hands-on program that will challenge a group of future teachers to start considering how to best transform schools to meet the needs of individuals and families in the 21st Century. As our nation is becoming more diverse, technological and creative, teachers must be more inclusive of all cultures and ideas. In this camp, we will experience the roles that identity, culture, technology, creativity and innovation have in education. We aim to recruit students from all backgrounds so we can learn more from and about each other and expand our understanding of the future of education. Scholarship applications can be found at bigredcamps.unl.edu. Taught by the current students in the Department of Teaching, Learning, and Teacher Education.

**Partial and Full need-based Scholarships available!**

**Related Careers:** Elementary School Teacher, Secondary School Teacher, Coach, Guidance Counselor.

**Dates:** June 7-12
**Grades for ’20-’21:** 10th - 12th
**Participant Limit:** 30
**Tuition Fees:** Early: $500 | Regular: $550 | Late: $600

Discover Animation
A truly playful way to learn animation from LA-based animators! In this animation camp, students will gain a deep understanding of how to control movement at the frame-by-frame level. Students will walk through the principles of animation using a variety of animation techniques including optical toys, flipbooks, stop-motion techniques, as well as basic digital processes. They will also watch a variety of animated films, both historical and contemporary, and talk about how they were made. Taught in collaboration with the Calibraska Arts Initiative by LA Based animators and animation students from Los Angeles, CA. Classes will be held at the brand new Johnny Carson Center for Emerging Media Arts. No animation or drawing experience necessary, but a spirit of exploration is required!

**Related Careers:** Animator, Editor, Storyboard Artist, Visual Development, Independent Filmmaker, Director, Motion Graphics Artist, Stop-Motion Animation.

**Dates:** June 7-12
**Grades for ’20-’21:** 10th - 12th
**Participant Limit:** 15
**Tuition Fees:** Early: $600 | Regular: $650 | Late: $700

Discover Filmmaking
Put your summer on the big screen! This movie-making adventure will allow you to actually make a film and spend time in the Mary Riepma Ross Media Arts Center. You’ll have access to award-winning faculty and get to see how motion pictures really work! Participants are encouraged to bring their own video cameras, if available. Taught by the University of Nebraska–Lincoln, Johnny Carson School of Theatre and Film.

**Related Careers:** Director, Producer, Screenwriter, Computer Animation, Visual Effects, Film Editor.

**Dates:** June 7-12
**Grades for ’20-’21:** 10th - 12th
**Participant Limit:** 15
**Tuition Fees:** Early: $600 | Regular: $650 | Late: $700
DISCOVER UNICAMERAL YOUTH LEGISLATURE
Do you want to learn what it’s like to serve as a state senator? The Unicameral Youth Legislature is a four-day legislative simulation for current high school students who take on the role of a lawmaker. Student senators sponsor bills, conduct committee hearings, debate legislation and discover the unique process of the nation’s only unicameral. The conference is organized by University of Nebraska–Lincoln and Nebraska Extension 4-H Youth Development. The Clerk of the Nebraska Legislature, through the Unicameral Information Office, serves as a technical consultant for the Unicameral Youth Legislature. **This camp is supported by a grant with Nebraska Extension.


DATES: June 7-10
GRADES FOR ‘20–21: 10th -12th
PARTICIPANT LIMIT: 55
TUITION FEES:
Early: $350 | Regular: $400 | Late: $450

DISCOVER TALENT IN STARTUPS
Have you ever encountered a problem and thought, “Can I create something to solve this?” If yes, then you have entrepreneurial talent. During the “Talent in Startups” session, you will engage with a variety of hands-on activities working and collaborating with a team to solve an identified problem and to create a business model. Campers will be mentored by local Lincoln entrepreneurs throughout the week, and they will work together to develop a business plan. The week will culminate with a “Shark Tank” style business pitch where students will present their final product or service for a panel of professional judges. Taught by the University of Nebraska–Lincoln, College of Business and Clifton Strengths Institute.

RELATED CAREERS: CEO, Entrepreneur, Social Activist, Business Owner, App Developer, Startup Consultant.

DATES: June 7-12
GRADES FOR ‘20–21: 10th -12th
PARTICIPANT LIMIT: 12
TUITION FEES:
Early: $500 | Regular: $550 | Late: $600

Discover Engineering
During this one-week residential summer camp, high school students will learn to leverage the power of engineering and science to solve global grand challenges, as outlined in the report entitled 14 Grand Challenges for Engineering by the US National Academy of Engineering. This program uses a multi-disciplinary approach to problem-solving while exploring the various fields of engineering such as mechanical, civil, electrical, biological systems, and more. The session will also involve field visits to various on-campus labs and facilities such as the Tractor Test Lab, the Midwest Roadside Safety Facility, and the Super Computing Lab, as well as off-campus excursions to local industry to enrich students’ understanding of the practical relationships between classroom work and the real world. Communication and teamwork will be integral parts of the students’ camp experience. The camp will be led by faculty and staff from the University of Nebraska–Lincoln, College of Engineering.


DATE: June 7-12
GRADES FOR ‘20–21: 10th -12th
PARTICIPANT LIMIT: 20
TUITION FEES:
Early: $500 | Regular: $550 | Late: $600

“I sponsored a legislative bill!”
~ UYL ~

“I created a prototype for my business idea!”
~ Talent in Startups ~
DISCOVER VETERINARY SCIENCE

In this camp, students will explore various aspects of veterinary medicine and discover what veterinarians need to know to help sick animals. Students will learn about anatomy, bacteriology, parasitology, and surgery, as well as how to give an animal a physical examination. Students will study with scientists and veterinarians and learn how animal diseases are diagnosed, treated and prevented. Discover the exciting career of a veterinarian! Taught by the University of Nebraska–Lincoln, School of Veterinary Medicine and Biomedical Sciences.

RELATED CAREERS: Veterinary Medicine, Veterinary Technology, Pharmaceutical Sales and Development, Government Services.

DATES: June 7-12
GRADES FOR ’20-’21: 10th -12th
PARTICIPANT LIMIT: 15
TUITION FEES:
   Early: $600 | Regular: $650 | Late: $700

JOIN US TODAY!

1. READ OUR EXCITING CAMP DESCRIPTIONS AND CHOOSE THE RIGHT FIT FOR YOU!

2. CHECK OUT SCHOLARSHIP OPPORTUNITIES.

3. REGISTER ONLINE AT:
   BIGREDCAMPS.UNL.EDU
   BY MAY 20TH

4. LOOK FORWARD TO AN AMAZING WEEK OF CAMP!

QUESTIONS?
   CONTACT KATIE ZABEL
   AT 402.472.2743 OR
   KZABEL2@UNL.EDU

PARTIAL & FULL SCHOLARSHIP INFO AVAILABLE ON WEBSITE!

Follow us on social media!

@BIGREDCAMP

“I SCRUBBED IN FOR SURGERY!”

~ BIG RED CAMP CREW 2019 ~
space is limited
Register Online Today!
bigredcamps.unl.edu
registration open now until May 20th!