Sessions Offered

**Of Cabbages & Chemistry** - The idea that chemistry occurs only in labs will be dispelled as chemists use various materials to conduct tests on many common household chemicals. The chemists in this session will also create a neutral environment in the “chambers of a spaceship” to protect their alien friends.

**Calling All Engineers** – Imagine trying to fly a plane that won’t fly or working in a building that can’t stand the weight of 100 employees. The engineers in this session will learn all about what it takes to build and maintain various structures.

**Ecology in your Backyard** – What is an ecosystem? What makes one animal a consumer and another a producer? How does energy from the sun end up in our bodies? Aspiring young ecologists will have the opportunity to explore the complex interactions between wildlife and their environment through hands-on activities and scientific investigations both in the classroom and in the Jewel Moore Nature Reserve on campus. Come join us as we learn how food webs work, how decomposers cycle energy back to growing plants, how to create your very own ecosystem in a bottle and much more!

General Information

Students are encouraged to bring a backpack for their lunch and drinks. Class materials will be provided. A map of the university will be included in the registration packet to illustrate the drop-off and pick-up point for students.

You will receive an email confirming your registration.

Program Fees

Students attending the UCA Challenge program for the five days will pay an enrollment fee of $175. This will include enrollment in three extraordinary sessions and a t-shirt. No refunds after June 20th.

Faculty

Each of the UCA Challenge 2015 faculty members have experience working with students in this age group and a high degree of knowledge in their given subject areas. It is the goal of each faculty member to make this an enjoyable learning experience. UCA Challenge is directed by Ms. Lisa Herrington.

Who May Attend

Students who want to be challenged and are entering fourth, fifth, and sixth grade who share an interest in science-based topics may attend UCA Challenge. This summer program is designed to offer students an exciting, hands-on curriculum. We believe all students want to be challenged. UCA is ready to meet such an ambitious challenge with hands-on activities guaranteed to promote curiosity and fun.

Daily Schedule

Each session in the UCA Challenge program will be offered for approximately 1 hour and 25 minutes per day. Students will attend 3 sessions offered. An email will be sent to confirm registration and will contain other general information. All classes will be held at the University of Central Arkansas in the Doyne Health Science Center and Lewis Science Center. The program will begin at 8:30 a.m. and end at 2:30 p.m. Morning drop-off and afternoon pick-up will be on the east side of the Lewis Science Center.
Registration Form: **Please Print**

Child’s Name: _______________________________
Parent’s Name: _____________________________
Phone #: __________________________________
Email: _____________________________________
Grade for 2015-2016: _______________________
School Attended: ___________________________
T-Shirt Size: _____ **Please Circle: Adult or Youth**

Make check payable to the University of Central Arkansas and mail with this portion to:

Lisa Herrington  
UCA Challenge 2015  
University of Central Arkansas  
201 Donaghey Avenue  
Mashburn 129  
Conway, AR 72035

You may also bring the brochure and payment to the Department of Elementary, Literacy and Special Education, Mashburn building, 1st floor.

Applications will be processed on a first-come basis. For general information contact:

Lisa Herrington  450-5456/ 733-0589  
Email: lisah@uca.edu

For questions about availability contact:

Susan Suits at ssuits@uca.edu

UCA CHALLENGE

A Summer Program for 4th, 5th, and 6th Grade Students