

Major Number	Major	Title	Description
AGR1	Agriculture	Agri-tourism in Central Kentucky	Agri-tourism is a growing industry in Kentucky. Spend two days discovering what all is offered in beautiful central Kentucky. One stop along this journey is at The Kentucky Capital. Discover the variety of locally grown products they are producing in their back-dw and how they use those products in the meals they provide. Delegates are required to turn in their Personal Information Enrollment (PIE) Form to the State Teen Council (STC) Member the first day of meeting. Closed-toed shoes are encouraged.
AGR2	Agriculture	Behind the scenes at Hallway Feeds and Blue Grass Stockyards	The story of Hallway Feeds begins just as you would imagine: on a farm. And with the vision to provide high-quality, specialized feed to best serve the nutritional needs of horsekeeping horses all over the world and provide peace of mind to those who care for them. That vision continues today. Discover how the Hall family has made top-notch feed for over 80 years. Also, in this major you will have the opportunity to travel to the state-of-the-art facility of Blue Grass Stockyards. You will receive a behind-the-scenes look at their marketing service as well as dive into educational opportunities in their learning lab. Delegates are required to turn in their Personal Information Enrollment (PIE) Form to the State Teen Council (STC) Member the first day of meeting. Closed-toed shoes are required.
AGR3	Agriculture	Beyond the Gate: The Science of Equine Animals	In this hands-on lab experience, we'll explore a horse's digestive system and the role of carbohydrates in their diet. You'll learn some lab skills such as reporting and then apply them to see how tracking feed inputs to sugar content, and then analyze blood samples to measure the effects of feed loading on the animal's blood glucose levels post-feeding. Attempts to uncover the science behind feeding and how changes in feeding strategy might impact health. Participants should wear long pants and closed-toe shoes.
AGR4	Agriculture	Discover UK Animal Science	Jump on board to experience what the UK Animal Science Department has to offer. You will be immersed in the learning environment both on campus and UK's Oran C. Little Farm in Woodford County. You don't want to miss this hands-on learning experience! Please wear closed-toed shoes and pants. Delegates are required to turn in their Personal Information Enrollment (PIE) Form to the State Teen Council (STC) Member the first day of meeting.
AGR5	Agriculture	Working Around in Kentucky	4-Hers will learn about the art and care of rarehorse training, including exercise subroutines, nutrition, and the day to day life of a racehorse. They will also watch the morning workouts at Keeneland, tour the Keeneland Library, and learn about the Equine Science and Management Program at UK. Delegates are required to turn in their Personal Information Enrollment (PIE) Form to the State Teen Council (STC) Member the first day of meeting. Participants are required to wear closed-toe shoes, long pants (jeans or khakis), and a polo shirt or t-shirt. Spaghetti and a shirt showing midriff are not allowed.
AGR6	Agriculture	Introduction to Veterinary Anatomy	Understanding the anatomical structures of animals is key for veterinarians to determine the extent of a patient's injuries. In this session, we'll review and compare anatomical structures of different species (what, rabbits, guinea pigs, actual horses, and 3-D models). Non-chewing specimens (actual bones) will be used for palpation and comparison. A full review and question and answer session about getting into veterinary school can also be included.
CC1	Communication	Communicating with Dazzling Data to Shape Public Policy	In this workshop, we will explore how communicating with data can help us solve problems that matter in our communities. Students will work together to create data visualizations that shine. They will then apply them in a creative, collaborative decision-making process.
CC2	Communication	Dive into Media and Communication: Hands-On Experiences and State-of-the-Art Facilities	Explore a communication and media lab by learning from hands-on experiences that include film, drones, video production, creating animation and more. You'll also have the opportunity to visit our new state-of-the-art studio and production center in Rupp Arena, where the student produce news and sports show and take courses alongside broadcasting, media production and sports professionals. This facility is a state-of-the-art effort of the College of Communication and Information, UK Athletics and UK Sports. If you want a career in media and communication, this is the ropes for you! Delegates are required to turn in their Personal Information Enrollment (PIE) Form to the State Teen Council (STC) Member the first day of meeting.
CC3	Communication	Spotlight - Sharing State 4-H Teen Conference through media and print!	Extra Extra read all about it!! This major will have participants creating a recap of each day at conference to share with the delegation! We will also put together the final slide show! Participants will utilize software, video, pictures and print to share teen conference with the delegation! (It will be helpful if participants have a smart phone)
CC4	Communication	Unlocking Your Speaking Potential: Toastmasters Where Leaders are Made	Join us for an exciting workshop led by the President of the UK Big Blue Toastmaster Club. This session is perfect for young individuals who want to become confident leaders and effective communicators.
EA1	Expressive Arts	Composition to Construction: Hands on Introduction to Landscape Architecture	Participants will engage in activities that will help them learn about landscape architecture. Youth will observe outdoor environments around the UK campus. Afterward, participants will compose a landscape and then construct their designs.
EA2	Expressive Arts	Expressive Arts: Clay Sculpture and Pottery	4-Hers will learn about clay project options from the 4-H Kentucky State Fair Curriculum, and will focus on various sculpting techniques that include carving and handbuilding, using self-hardening clay.
FCS1	Family Consumer Sciences	Cooking Skills, Thrills, and Cupon Pools	Join Chef's Squared, Lamps and Tents for an in-depth class about knife skills, cooking techniques, careers in the agro-food world, farm building, product knowledge, and all aspects of the local food system. Participants should wear closed-toe, non-slip shoes (sneakers are fine), and clothes with no long sleeves or pants that could catch on a pot handle or drop into a flame. Long hair should be pulled into a bun or covered with a hat. Participants will stand for a large portion of each day. All other materials will be provided.
FCS2	Family Consumer Sciences	Fashion Revue	The purpose of the 4-H Fashion Revue is to cast the spotlight on youth in sewing, needlework, creating fashion, and self-expression projects. The 4-H Fashion Revue is planned by the State 4-H Fashion Leadership Committee and highlights the best and brightest fashion talent in all of Kentucky 4-H. We are also seeking attendees (escorts) for this exciting evening of fashion. Therefore this is not limited to just the fashion review contestants.
FCS3	Family Consumer Sciences	Fibers and Fabrics and Laundry, OH MY!	Ready for an adventure in textiles? Come explore fiber basics and learn about different fabrics through laparson activities. We'll connect this with an interactive laundry lesson, including stain removal tips and colorfast care advice. Use this knowledge to impress your friends - or at least make your pile of dirty laundry magically disappear!

FC54	Family Consumer Sciences	Fun with Fashion and Hospitality	During this session, you will be introduced to activities that will familiarize you with both the fashion and hospitality industries. Topics such as color study, visual merchandising, fashion sustainability, event planning, and business etiquette will be covered. This session will be interactive and will provide hands-on experience within the industries.
FC55	Family Consumer Sciences	Skills that Pay the Bills	You will learn the skills that they will need when entering the workforce. We will focus on what they should think about when deciding on a career, what employers look for in an employee, preparing for an interview and building their resume.
FC56	Family Consumer Sciences	Eco-Friendly Fashion: Hands-On Techniques for High Style with Low Environmental Impact	Manufacturing in the fashion industry is done with processes that are harmful to our waterways and ecosystem. In this class we will learn more about fast fashion versus slow fashion and how designers can be mindful to help reduce the harmful effects on the environment. There will be hands on design projects to flex your creativity. Delegates are required to turn in their Personal Information Enrollment (PIE) Form to the State Teen Council (STC) Member the first day of meeting.
HEA1	Health and Wellbeing	Game Changer: Unlocking Positive Growth in Sport	The purpose of this session is to empower the health and safety of youth athletes the comprehensive training on positive youth development. Through this sessions, individuals will learn behaviors and attitudes that build positive relationships, dynamics, and cultures. Individuals will build skills in self and other awareness and effective communication strategies that support the creation of safe and inclusive sporting environments.
HEA2	Health and Wellbeing	Get Active with Campus Recreation	Join us for two days of fun and fitness activities! Experience a variety of sessions including fitness classes, team-building games, volleyball, Can Jam, Knockout, and climbing challenges. Learn about the benefits of physical activity and enjoy free play time. Please wear closed-toe shoes and active wear.
HEA3	Health and Wellbeing	Nutrition in the Virtual World: Using Technology to Research Eating and Education	Learn about how Virtual Reality (VR) is designed and used to study eating behavior and provide interactive nutrition education experiences. You will get to try out two different VR programs, a digital dietitian and a virtual food buffet. The presenters will also speak in education pathways for careers in nutrition.
HEA4	Health and Wellbeing	They Call It "Tuck Mouth": Discovering Dentistry: Navigating Opportunities in Oral Health	Day 1: "They Call It "Tuck Mouth". 4-Hers will learn about cavities in teeth, and will have the opportunity to prep and fill a tooth in our simulation lab. Youth will also learn about the career of dentistry. Day 2: "Discovering Dentistry: Navigating Opportunities in Oral Health". An introduction to the career of dentistry and the process to enter the dental field. 4-Hers will also hear presentations on the link between oral and systematic health and research in dentistry from UKCD faculty. Participants will have the opportunity to meet and ask questions with current UKCD students.
NR1	Natural Resources	Buzzin' into Air and Natural Resources: Hands-On Bee Biology and Pollinator Conservation	We will learn about bee biology, how bees interact with plants, and why bees and other pollinators are critical to agriculture. We will do safe and fun hands-on activities with real bees and honey bees. This program is relevant to anyone interested in agriculture, natural resources, conservation, and biodiversity. Please wear lightweight, light-colored pants and closed-toe shoes. Delegates are required to turn in their Personal Information Enrollment Form (PIE) to the State Teen Council. (STC) Member the first day of meeting.
NR2	Natural Resources	Exploring Water Quality Indoors and Out	Love clean water, exploring the outdoors, and learning how you can help the environment? Are you interested in pursuing these passions as a career path? Join this dynamic session of indoor and outdoor discoveries as we tour a university research lab, engage in streams field sampling, and use our findings to help understand the connection between water quality and the health of humans and our shared environment. We'll learn specifically about the UK Department of Biosystems and Agricultural Engineering's Messer Ecological Systems Observation (MESO) Lab that focuses on identifying contaminants and nutrients in surface and ground waters, traces contaminants in the natural environment, and uses innovative water quality monitoring and analytical methods to treat contaminants using ecosystem based Best Management Practices. Lab Manager and PhD student, William Rud will give us a sneak peek into the daily life of Biosystems and Agricultural Engineering research and introduce us to how the university is developing and applying current research to build healthier streams, wetlands, and agricultural ecosystems in Kentucky! We will also have an experiential learning day in the field at the Alumni Drive Stream Restoration site to learn about urban water quality and quantity issues and how land use change over time impacts these issues. We'll also engage in stream assessment techniques that are used across a variety of disciplines to characterize water quality and stream health through hands-on learning in the creek. 4-Hers should be prepared to be outside and exposed to the elements at least partially on both days. This is a rain or shine event, please dress accordingly. Closed toe shoes are required. Participants are encouraged to bring a snack and reusable water bottle and apply sunscreen and bug spray is recommended. Delegates are required to turn in their Personal Information Enrollment (PIE) Form to the State Teen Council Member the first day of meeting.
NR3	Natural Resources	Field to Fork	Field to Fork teaches outdoor skills necessary to acquire sustainable, local protein. Join us for a group lesson in wildlife management, conservation, and ethical harvest of game species. 4-Hers will learn hands activities including wild game biology, processing, cooking, and more.
NR4	Natural Resources	Hook and Cook	Hook and Cook teaches the outdoor skills needed to catch and clean fish. Join us for an informational fishing 101 class including how to tie knots, locate places to fish and clean your catch! We will have hands on knot tying and casting activities.
SET1	Science, Engineering and Technology	How do we study the function of genes?	DNA serves as the blueprint for organism's body plan and its responses to the environment. In this session, we will extract DNA from plants and explore examples of how gene functions are studied to better understand the fundamental rules of life. Our Agricultural and Medical Biotechnology undergraduate program fosters critical thinking and prepares you for a successful career!
SET2	Science, Engineering and Technology	Molecular Biology for Beginners: Using Forensic DNA Techniques to Identify Insects	In this workshop, students will learn modern molecular biotechnology techniques that are commonly used in forensics. Rather than solving a crime, we'll be using these techniques to solve the mystery of "What kind of insect is that?" In the first day, students will work in the laboratory to isolate DNA from insects, and on the second day they will use computational methods to figure out what insect their DNA sequence belongs to. For safety purposes, closed-toe shoes should be worn for this activity.
SET3	Science, Engineering and Technology	Physics of an Amusement Park	Ever wanted a chance to design your own amusement park? Want to know what goes into making the ride and games work? Join us for this major session to learn more about the design, building, operation, and physics behind some popular amusement park attractions and work together to make a park for everyone!
SET4	Science, Engineering and Technology	Battling Bacteria: Understanding Zoonotic Threats and Antimicrobial Resistance	Zoonotic bacteria, which are transmitted between animals and humans, pose an increasing public health threat, especially with the rise of antimicrobial resistance (AMR). In this session, you'll learn how bacteria are spread among animals, humans, and the environment, and discover practical strategies to protect yourself from bacterial infections. Engage in case-based discussions and real-world examples to understand the impact of AMR on both human and animal health.

STC Leadership Team	Leadership	Leadership	ONLY current STC (2024 - 2025) members will sign up for this Major. STC members will lead their groups to and from Majors, they will assist the adults assigned by taking attendance, and manage delegates know where to go.
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