June
Middle School (6-8)

Green Energy
Campers will learn to future global leaders and philanthropists by developing an understanding of the world, strengthening personal skills, and being challenged to work with others in a variety of creative activities.
(815) 753-5200 or LASPE@niu.edu.

Global Leadership & Philanthropy
Campers will learn to future global leaders and philanthropists by developing an understanding of the world, strengthening personal skills, and being challenged to work with others in a variety of creative activities.
(815) 753-5200 or LASPE@niu.edu.

Speech
Campers will develop and enhance their knowledge in a specific area of speech by selecting or writing speeches, honing research skills, memorizing pieces, and practicing the art of effective delivery.
(815) 753-5200 or LASPE@niu.edu.

Crisis on Mars!
Campers will use Andy Warhols best-selling novel The Martian as a basis to explore STEM, art, design, and creative writing. Skype with the author, participate in hands-on problem solving, and learn techniques for expressing yourself. This is a unique experience for future scientists, writers, and sci-fi fans to learn and collaborate.
(815) 753-6784 or gkingcargile@niu.edu.

July
Middle School (6-8)

Exploring STEM—Session 1
July 5-10. Residential.
At NIUs beautiful, rural Loran Taft Campus. Campers can investigate STEM concepts and careers by choosing the track that interests them most.
(815) 753-0533 or gkingcargile@niu.edu.

• Art. Create, design, and innovate while investigating the science and technology behind cool art. Campers will construct wind-powered kinetic sculptures; use polarized light in paintings; create holograms; and much more!

• Engineering. From bridge building to cell phone circuitry, engineers solve problems and create the future every day. Develop your problem-solving skills with hands-on projects and fun challenges that will spark your inner engineer.

• LEGO EV3 Robotics: Space. Face the challenges of space exploration by designing, building and programming the LEGO EV3 robots to complete a variety of missions leading up to a manned mission to explore the Red Planet. No prior experience with robots or programming is required.

• Nature. Campers will learn about habitat restoration, plant and animal identification, and tactics species use to adapt to life near people. Get tips for making the world safer and healthier for all living things.

• Robotics. Campers will design and build their own robots and then test them in a series of under water challenges. Learn to apply the engineering design process, use informational technology tools, and practice computer programming.

Coed Video Game Design Camp: Section I
July 5-10. Day. Grades 5-F.
Campers will use computer-based tools to design and prototype a playable video game. Campers will develop skills in complex problem solving, working in teams, project management, and using computer software for design.
(815) 753-0673 or aclick@niu.edu.

Theatre Arts Camp Junior
Campers enjoy a week packed with theatre activities that include production rehearsals, daily workshops, acting classes, theatre games, and improvisation exercises. Every camper receives coaching. The aim is to help everyone reach his or her theatrical goals.
(815) 753-1450 or janderson17@niu.edu.

Coed Video Game Design Camp: Section I
July 5-10. Day. Grades 5-F.
Campers will use computer-based tools to design and prototype a playable video game. Campers will develop skills in complex problem solving, working in teams, project management, and using computer software for design.
(815) 753-0673 or aclick@niu.edu.

Exploring STEM—Session 2
At NIUs beautiful, rural Loran Taft Campus. Campers can investigate STEM concepts and careers by choosing the track that interests them most.
(815) 753-0533 or gkingcargile@niu.edu.

• Art. Create, design, and innovate while investigating the science and technology behind cool art. Campers will construct wind-powered kinetic sculptures; use polarized light in paintings; create holograms; and much more!

• Chemistry. Synthesize gold nanoparticles and analyze their methodology, explore polymers by learning how to control proportion of various dyes and buoyancy balls, dissect cow eyeballs, and explore how chemistry happens within his living organisms, including us. Learn some chemistry “magic” to share with your friends and family.

• LEGO EV3 Robotics: Engineering Challenge.

Learn about robots and programming as you construct various LEGO robots to overcome a variety of challenges. We’ll use LEGO EV3 robots kits to create robots that can move, interact with their surroundings, and even communicate.

• Nature.

Campers will learn about habitat restoration, plant and animal identification, and tactics species use to adapt to life near people. Get tips for making the world safer and healthier for all living things.

• Robotics.

Campers will design and build their own robots and then test them in a series of under water challenges. Learn to apply the engineering design process, use informational technology tools, and practice computer programming.

Archaeology
July 15-20. Day. Grades 8-F.
Campers will be trained to reconstruct the past by learning what clues humans leave in the archaeological record and how scientists study and interpret those clues. Activities include artifact identification, archaeological drawing, excavation, and journaling.
(815) 753-0673 or lasep@niu.edu.

Chemistry
At NIUs DeKalb Campus. Campers can investigate STEM concepts and careers by choosing the track that interests them most.
(815) 753-0533 or gkingcargile@niu.edu.

• Art. Create, design, and innovate while investigating the science and technology behind cool art. Campers will construct wind-powered kinetic sculptures; use polarized light in paintings; create holograms; and much more!

• Chemistry. Synthesize gold nanoparticles and analyze their methodology, explore polymers by learning how to control proportion of various dyes and buoyancy balls, dissect cow eyeballs, and explore how chemistry happens within his living organisms, including us. Learn some chemistry “magic” to share with your friends and family.

• LEGO EV3 Robotics: Engineering Challenge.

Learn about robots and programming as you construct various LEGO robots to overcome a variety of challenges. We’ll use LEGO EV3 robots kits to create robots that can move, interact with their surroundings, and even communicate.

• Nature.

Campers will learn about habitat restoration, plant and animal identification, and tactics species use to adapt to life near people. Get tips for making the world safer and healthier for all living things.

• Robotics.

Campers will design and build their own robots and then test them in a series of under water challenges. Learn to apply the engineering design process, use informational technology tools, and practice computer programming.

Northern Illinois University
Coed Intro to 3D Video Game Design
Camper will use computer-based tools to design and prototype a playable 3D video game. Campers will develop skills in complex problem solving, working in teams, project management, and using computer software for design. (815) 753-5200 or LASEP@niu.edu.

Eagle’s Nest STEM Camp
Creative, tech-savvy thinkers are in demand! Join expert in the fascinating setting of a former artist colony to explore the intersections of science, technology, engineering, art, and math (STEAM). We’ll investigate new techniques in digital art, holography, electronic wearable art, scientific illustration, kinetic art, and more. (815) 753-0533 or jgberson@niu.edu.

High School (9-12)

NIU Jazz Camp
July 12-17. Residential. Grades 8-12 (Grade Completion).
This exciting camp for enthusiastic jazz musicians wants to improve their understanding of the jazz tradition. Campers will participate in clinics with professional writers and editors. (815) 753-9961 or rajashankar@niu.edu.

Theatre Arts Camp Senior
July 19-24. Residential. Grades 9-12 (Grade Completion). Camper enjoy a week packed with theatre activities that include production rehearsals, daily workshops, acting classes, theatre games, and improvisation exercises. Every camper receives coaching. The aim is to help everyone reach his or her theatrical goals. (815) 753-1450 or jfrenden@niu.edu.

Visual Arts
July 19-24. Residential. Grades 8-12 (Grade Completion). Serious high school artists are invited to participate in exciting, diverse, and creative art experiences at the Visual Arts Camp. Campers are encouraged to be innovative as they experiment with new materials, techniques, and ideas while producing portfolio-quality work in a university environment. (815) 753-1450 or jfrenden@niu.edu.

Film
July 9-10. Residential.
Camper will work with experienced media producers, camera operators, and directors while learning about the digital filmmaking process from script to screen. Each camper will create and complete a group-produced movie to share with family, friends, and film festivals. (815) 753-5200 or LASEP@niu.edu.

Engineering Summer Academy
July 9-10. Residential.
This intensive summer camp challenges students to explore a specific area of engineering. Students will perform several hands-on learning experiences in our state-of-the-art laboratories working alongside NIU engineering faculty, alumni, and current students. (815) 753-9961 or rajashankar@niu.edu.

Geography Camp:
Surviving the Zombie Apocalypse
Campers will learn what it takes to survive a zombie apocalypse while exploring how the physical, human, and technological aspects of geography impact their daily decision-making processes. Career options in the geography field will also be explored. (815) 753-5200 or LASEP@niu.edu.

Journalsm
Campers will learn what it takes to be a working journalist by generating story ideas, assigning stories, reporting, writing headlines, and laying out stories for an in-camp newspaper and website. (815) 753-5200 or LASEP@niu.edu.

TV Broadcasting
Campers will learn what it is like to be a real news anchor in an actual newsroom. They will also write, shoot, anchor, and fill a full-news package. (815) 753-5200 or LASEP@niu.edu.

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