

### Explore WIU activity options:

Students can select an activity for Session I and Session II from the list below. Some activities are offered during one session only and others are offered both sessions. Students who register in advance will be guaranteed a spot in their selected activities. Students who register the day of the event will be able to choose from activities as space allows. Students will receive an agenda during check-in the day of the event.

**Activities that have reached maximum capacity will not be listed on the online registration form.**

Program	Activity Title	Activity Description	Session Time
<b>Admissions Office</b>	<i>Campus Tour</i>	Embark on a guided tour of our Macomb campus with one of our Student Ambassadors!	Session II: 12:30 p.m. - 1:30 p.m.
<b>Agriculture</b>	<i>Explore Agriculture</i>	Students will participate in a DNA extraction activity. Then students will explore our simulated commodity trading lab and tour our hydroponics lab.	Session I: 10:15 a.m. - 11:15 a.m., Session II: 12:30 p.m. - 1:30 p.m.
<b>Art &amp; Design</b>	<i>Gettin' Inky in Silkscreen</i>	In this screen printing workshop, you will have the chance to transform your own drawing or design into a hand-printed tote bag! Bridge your interest in fine art with design practices and leave with a tote bag decorated with your original design.	Session I: 10:15 a.m. - 11:15 a.m.
<b>Biological Sciences</b>	<i>Learn How to Suture</i>	Ever wanted to put your medical skills to the test? Learn how to do a suture that would be used to close a wound. Then discover more about the Medical Sciences option offered through the Department of Biological Sciences.	Session I: 10:15 a.m. - 11:15 a.m.
<b>Biological Sciences</b>	<i>ECG &amp; Breathing</i>	The electrocardiogram (ECG) is a fundamental tool in Medicine and Physiology. Students will record their ECG and note how the heart rate rises and falls during the breathing cycle.	Session II: 12:30 p.m. - 1:30 p.m.
<b>Biological Sciences</b>	<i>To Pollinate or Not to Pollinate</i>	Pollination makes life possible on Earth. In this activity, examine the wonderful world of flowers and pollinator specimens!	Session II: 12:30 p.m. - 1:30 p.m.
<b>Broadcasting &amp; Journalism</b>	<i>Taking it Live with Broadcasting!</i>	Experience what it's like to be a part of on-air broadcasting opportunities while on the set of a news production and radio production! Students will also discover the skills and production involved with a live sports broadcast.	Session I: 10:15 a.m. - 11:15 a.m.



<b>Chemistry</b>	<i>Scanning Electron Microscopy</i>	Students will get the opportunity to explore the fine details of objects much smaller than are visible to the naked eye. Students will have the chance to take the controls and examine any part of the object they wish!	Session II: 12:30 p.m. - 1:30 p.m.
<b>Computer Science, Cyber Security, &amp; Information Systems</b>	<i>Computer Workshop: Games, Robots, &amp; Interaction with the Real World</i>	Explore various computer activities involving Scratch programming language with a number of physical computing components, such as steering a Lego robot in code, alternate physical inputs with Makey-Makey, and writing a real world/virtual world game.	Session II: 12:30 p.m. - 1:30 p.m.
<b>Construction &amp; Facilities Management</b>	<i>Surveying Elevations</i>	Use commonly available self-levelers to perform elevation calculations typical in the construction and agriculture industries.	Session II: 12:30 p.m. - 1:30 p.m.
<b>Economics &amp; Decision Sciences</b>	<i>Will you risk it all?</i>	Play a game and test your risk preferences! Learn how economists and business analysts evaluate risk in everyday decision making. How much candy can you earn?	Session II: 12:30 - 1:30 p.m.
<b>Economics &amp; Decision Sciences</b>	<i>Introduction to Economic Game Theory &amp; Simple Data Analytics</i>	Learn more about the fields of economics and decision sciences through a series of interactive games that demonstrate basic concepts in economics, data visualization, and analytics.	Session I: 10:15 a.m. - 11:15 a.m.
<b>Engineering Technology</b>	<i>Drone Use in Engineering Technology</i>	Learn how drones are used in construction, facilities management and surveying applications related to engineering during this interactive demonstration.	Session I: 10:15 a.m. - 11:15 a.m., Session II: 12:30 p.m. - 1:30 p.m.
<b>English</b>	<i>The Write Choice! English Studies and Writing Across Contexts</i>	We all know that writers make the world! In this writing-centered activity, you will have the opportunity to write in a variety of contexts -- crafting mystery stories, making your own zines, experimenting with poetry, sharing your own story through words and images -- while discovering how writing is shaped by and shapes our lives, play and games.	Session I: 10:15 a.m. - 11:15 a.m.
<b>Forensic Chemistry</b>	<i>Forensic Identification of Marijuana</i>	Forensic chemistry involves the application of chemistry to criminal investigation. In this activity, explore a scenario where it is your job to analyze the physical evidence to determine whether there is a connection between the suspect and actual scene of the crime.	Session I: 10:15 a.m. - 11:15 a.m.



<b>Geographic Information Science</b>	Hands-on Learning with EAGIS: GIS	Students will be able to see how to use ArcGIS online to build and share a map. The activity includes where to find spatial data and step-by-step instructions to create a map. The final product is a map that can be shared online or printed.	Session II: 12:30 p.m. - 1:30 p.m.
<b>Geology</b>	<i>Hands-on Learning with EAGIS: Geology</i>	Engage in a series of activities starting with a Stillwater Core, a Wind Tunnel, and a Groundwater Flow model. The activities will begin in the Mineralogy Lab.	Session I: 10:15 a.m. - 11:15 a.m.
<b>History</b>	<i>Hands-on History</i>	Not just books! Learn about history through interactive games, film, artifacts, and hands-on activities.	Session II: 12:30 p.m. - 1:30 p.m.
<b>Kinesiology</b>	<i>Fitness Testing</i>	Put your fitness to the test while completing a variety of physical activities! Rotate through stations that include vertical jump, grip testing, medicine ball throws, P.E. challenges and an obstacle course.	Session I: 10:15 a.m. - 11:15 a.m.
<b>Law Enforcement &amp; Justice Administration</b>	<i>Electrostatic Dust Print Lifter Demonstration</i>	An Electrostatic Dust Print Lifter is a tool that puts out an electric charge to activate the dust particles so they adhere to a lifter sheet. You will become an investigator and use this tool to lift and preserve different print evidence left in dust at a crime scene!	Session I: 10:15 a.m. - 11:15 a.m., Session II: 12:30 p.m. - 1:30 p.m.
<b>Law Enforcement &amp; Justice Administration</b>	<i>Blood Spatter</i>	Have you ever wanted to know what happens on a crime scene? Learn how to assess a scene, identify and classify discrete patterns, analyze motion, and consider viable sources of blood stains in a crime scene during this interactive activity.	Session I: 10:15 a.m. - 11:15 a.m. <b>(FULL)</b>
<b>Law Enforcement &amp; Justice Administration</b>	<i>Polygraph Test</i>	Learn how a polygraph works, why it is used in law enforcement, and about the different components of a polygraph. Then see a demonstration of a polygraph exam on someone.	Session I: 10:15 a.m. - 11:15 a.m.
<b>Law Enforcement &amp; Justice Administration</b>	<i>Careers in Law Enforcement &amp; Justice</i>	Explore the various career opportunities available in the law enforcement and justice administration field! You will also learn more about how witness testimony, leadership, and ethical decision making tie into these careers.	Session I: 10:15 a.m. - 11:15 a.m.



<b>Management</b>	<i>How Big is Your Footprint? Individuals, Companies, Nations &amp; Protecting the Planet</i>	Discover your ecological footprint! Using the <a href="#">ecological footprint calculator</a> , you will explore the concept, implications for environmental sustainability, and look at the footprints of various nations using an <a href="#">interactive country-level footprint explorer</a> . Then explore how individuals and companies can reduce ecological footprints and lower environmental impacts.	Session II: 12:30 p.m. - 1:30 p.m.
<b>Marketing</b>	<i>Differentiation Through Value</i>	Explore the world of marketing through various hands-on activities including blind taste tests, an interactive advertisement discussion, bartering exercise, and more!	Session II: 12:30 p.m. - 1:30 p.m.
<b>Mathematics</b>	<i>Mathematical Models in Science &amp; Business</i>	Math has endless opportunities for real-world application! Using a graphical user interface on a computer, you will learn how mathematical models help ecologists understand where bald eagles nest and how wildlife populations grow. Then explore how mathematical models help actuaries and financial analysts determine loan repayments and pension payments.	Session II: 12:30 p.m. - 1:30 p.m.
<b>Meteorology</b>	Hands-on Learning with EAGIS: Meteorology	Explore weather forecasting using Vis5D as a tool to model and explain the weather, and switching to a Weather in a Tank apparatus to demonstrate how a large body of water can influence our weather systems.	Session I: 10:15 a.m. - 11:15 a.m.
<b>Military Science (ROTC)</b>	<i>Problem Solving</i>	During this interactive activity, you will work in teams to negotiate through three different scenarios using problem solving techniques, communication, and interpersonal skills.	Session I: 10:15 a.m. - 11:15 a.m., Session II: 12:30 p.m. - 1:30 p.m. <b>(FULL)</b>
<b>Nursing</b>	<i>Nursing Lab Experience</i>	Interested in the field of nursing? Tour the nursing lab to see what equipment nursing students get to use at WIU such as the interactive mannequins that help them develop skills before caring for real patients.	Session II: 12:30 p.m. - 1:30 p.m.
<b>Physics</b>	<i>Polarization of Light</i>	Explore light polarization by observing the various interference colors and interference patterns produced by light propagation through crystals and anisotropic materials.	Session I: 10:15 a.m. - 11:15 a.m.
<b>Physics</b>	<i>Rotational Motion</i>	Use instruments to understand the concept of Angular Momentum and its real-world applications through hands-on activities.	Session I: 10:15 a.m. - 11:15 a.m.



<b>Physics</b>	<i>Astronomy</i>	Learn about the origin of stars and the techniques used to study them. You will explore demos related to spectroscopy, infrared astronomy, and the role of outflows in the formation of stars.	Session I: 10:15 a.m. - 11:15 a.m.
<b>Physics</b>	<i>Optics: Invisibility</i>	Explore simple optical concepts to understand whether invisibility cloaks can be achieved or not.	Session I: 10:15 a.m. - 11:15 a.m.
<b>Psychology</b>	<i>Disconnect and Depression: A Suicide Epidemic</i>	Learn about the suicide epidemic being experienced across the country during a guest lecture. Then engage in an experiential activity exploring the psychological aspects of learned helplessness, disengagement, and the current rise of suicide in the United States.	Session II: 12:30 p.m. - 1:30 p.m.
<b>Psychology</b>	<i>The Neuroscience of Emotion: How do "Lie-Detectors" Work?</i>	Learn the science behind lie-detector tests! Then volunteer to get measured for skin conductance and heart rate while being questioned.	Session II: 12:30 p.m. - 1:30 p.m.
<b>Psychology</b>	<i>Muscles, Brain &amp; Movement</i>	The brain is the control center of the entire human body. Watch a short video on how the brain controls muscles and movements then experience a demonstration of an Electromyography (EMG) recording controlling a robotic "claw".	Session I: 10:15 a.m. - 11:15 a.m.
<b>Public Health</b>	<i>Public Health: Infectious Diseases</i>	How does an infectious disease spread quickly? Take part in a fun exercise to learn about how diseases spread and what you can do to stay healthy.	Session II: 12:30 p.m. - 1:30 p.m.
<b>Recreation, Park, &amp; Tourism Administration/ Hospitality Management</b>	<i>Add Flavor to Your Future: Leisure Industry Opportunities</i>	In this hands-on session, faculty and current students will facilitate a fun-filled activity, providing guidance for individuals interested in learning more about the wide array of career opportunities available in the leisure industries (adaptive recreation and inclusion, nonprofit administration and community organizations, outdoor recreation, tourism, hospitality and event management).	Session II: 12:30 p.m. - 1:30 p.m.
<b>Social Work</b>	<i>Try Out Your Social Work Skills!</i>	Social Work is about connecting with others and supporting them as they cope with life's challenges. Through hands-on activities you will begin building your social work skills. Current	Session II: 12:30 p.m. - 1:30 p.m.



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students will demonstrate skills and then you can try them out yourself!

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<b>Sociology</b>	<i>Race &amp; Ethnicity Exercise</i>	Take part in a hands-on social experiment to explore the social construction of race in society.	Session II: 12:30 p.m. - 1:30 p.m.
<b>Speech Pathology &amp; Audiology</b>	<i>Discovering Speech Pathology &amp; Audiology!</i>	Come explore the amazing field of speech pathology & audiology with us! Students will have hands on experience in our new sensory room, communicate via an eye-gaze system instead of their voice, and complete a mini swallow examination. Students will also create a sensory bin to meet their own sensory needs!	Session I: 10:15 a.m. - 11:15 a.m.
<b>Supply Chain Management</b>	<i>From Purchase to Delivery</i>	Learn more about the field of supply chain management using Legos! In this activity, you will negotiate the purchase of parts, manufacture a car, test the quality, and learn how to react to supply chain disruptions. You will learn about the different areas within the field including purchasing, transportation, distribution, inventory management, and more!	Session I: 10:15 a.m. - 11:15 a.m., Session II: 12:30 p.m. - 1:30 p.m.
<b>Theatre &amp; Dance</b>	<i>An Introduction to the World of Viewpoints</i>	Move beyond your five senses, tap into spacial awareness, and find your energy as you explore ways to interact on-stage during this acting workshop.	Session I: 10:15 a.m. - 11:15 a.m.
<b>Theatre &amp; Dance</b>	<i>Sharpie Marker Dyeing in Costume Design</i>	In the show <i>Peter and the Starcatcher</i> there is a chorus of gender fluid mermaids. The costume design for these mermaids are always colorful and fun. Come and learn how to add custom colors using sharpie markers as a dye technique on a sarong (wrap skirt) that could be worn by the mermaid chorus!	Session II: 12:30 p.m. - 1:30 p.m.
<b>Theatre &amp; Dance</b>	<i>Lighting with Color</i>	Learn how to use color works with theatrical lighting in this hands-on activity. You will learn the science behind color theory, be shown live examples of it working, and see how different colors affect the world around us and in turn the world of the stage!	Session II: 12:30 p.m. - 1:30 p.m.

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Register at [wiu.edu/explorewiu](http://wiu.edu/explorewiu)

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<b>Theatre &amp; Dance</b>	<i>Building You Up</i>	Be introduced to the components and construction of a basic scenic platform! Learn why a platform is built in a specific manner and see a demonstration on how to cut and assemble platform pieces. Then partner up and use pre-cut pieces to build your own platforms!	Session I: 10:15 a.m. - 11:15 a.m.
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