

WISE Academic Camp Schedule

New Options this Year!!

Course Descriptions

CHEMISTRY

Green Chemistry – The Pollution Prevention Act of 1990 established a national policy to prevent or reduce pollution at its source whenever feasible, and provided an opportunity to expand beyond traditional EPA programs and devise creative strategies to protect human health and the environment. Green chemistry is the use of chemistry for pollution prevention. More specifically, green chemistry is the design of chemical products and processes that reduce or eliminate the use and generation of hazardous substances. This class will examine the basic fundamentals of green chemistry in action. Taught by **Dr. Delbert Richard Buffinger** – PhD, The Ohio State University. Associate Professor of Chemistry, Wilberforce University.

COMPUTATIONAL MATH

C-Math – Last year you asked for computers and math. We developed a class where you can learn how to solve mathematical problems through the use of spread sheets and computer simulated math tools. During this class you will build either a bridge or a specialized beam using state of the art equipment and software. Taught by **Dr. Doug Davis** – PhD, Air Force Institute of Technology, Wright Patterson Air Force Base, Department of Computational Fluid Dynamics.

DRAMA

The Art of Theatre – Do you know how to work with others? This major will teach you valuable ensemble techniques designed to promote communication in dramatic and effective ways guaranteed to make others notice your talent. The ensemble process promotes communication in a highly practical way and instills confidence in the ability to speak and perform in front of others. Majors in this area will develop a special skit for their own presentation. Taught by **Dr. Corwin A. Georges** – PhD, The Ohio State University, Professor of Theatre and Dance, Wittenberg University.

JAPANESE

Culture and Language - Travel to The Land of the Rising Sun and explore the culture and language of Japan. Specifically this class will focus on current issues and trends showing how they affect the history of Japanese. Students will also learn basic Japanese language and writing skills. Taught by **Terumi Imai** - Ph.D. from Michigan State University in Linguistics, Assistant Professor Languages, Wittenberg University.

Short Courses: Select 1/day

Monday

Drawing – Lines are basic to all of the visual arts. This class will examine contour lines, dividing space, decoration, and line quality. Instructor - local artist Doug McCullough.

Geocaching – Finding hidden objects is the easy part of this class. Participants will learn the importance of geocaching in our daily lives. Instructor – Tom Jenkins, Technical Director - Indian Valley Middle School, Enon, Ohio.

Leadership – Do you stand out in a crowd or want to learn how to? This class is designed to help campers learn a variety of leadership skills, qualities and traits. Instructor - Robert Cripe, Activities Camp Director.

Let's Dance 1 – Stepping Out – Learn line dance basics. Specific dances include Electric Slide, Cha Cha Slide, Cupid Shuffle and the ever famous Chicken Dance. Instructors Latice Strickland, Instructional Communications Coordinator and Ronda Black, Associate Systems Specialist, Avetec.

Poetry 1 – What is poetry? Is poetry a short piece of imaginative writing? Is poetry personal? Does poetry have to rhyme? These are some of the questions this class will answer while writing poetry in this short course. Instructor - Judy Steritz, Academic Camp Director.

Tuesday

College 101 – Learn what an average college day is like as a student. Specific topics include campus activities and dorm life. The class will also discuss financial aid, applying to a college and Postsecondary Enrollment options. Instructor – Wittenberg Admissions Specialist

PowerPoint 101 – PowerPoint's can be effective tools in a presentation. This class covers the basics of creating great PowerPoint's that are guaranteed to grab the attention of the viewers. Instructor - Mike Madero, Creative Program Manager, Avetec.

Physics – Rockets – Learn the basics of rocket design and flight principles. Participants will create 2-litre bottle rockets, launch the rockets, calculating air volume, air pressure, force, water density, water mass flow rate and exhaust velocity related to thrust, lift off and altitude. Instructor - Robert Cripe, Activities Camp Director

Poetry 2- There are 51 types of poetry. This class examines ballads, bios, name and rhyme poetry. Instructor - Judy Steritz, Academic Camp Director.

Water Colors – Using water color pencils this class teaches you the basic techniques to create water color art. Instructor – Mary Blackburn.

Wednesday

C-Graphics – Using Photoshop, participants will learn the basics of color, graphics, image, image processing, font, clipart, designing, resolution and animation. Instructor - Latice Strickland, Instructional Communications Coordinator, Avetec.

E-Science – Learn the basics of electricity. How do electrical circuits work? Where does electricity come from? Participants will build a lamp demonstrating the principles of electricity. Instructor - Robert Cripe, Activities Camp Director.

First-Aid – Sponsored by the Red Cross, this class teaches the basics of first-aid. Each participant will receive basic first-aid certification. Instructor – Red Cross Representative.

Let's Dance 2 – Creative Movement – Use your imagination, ideas and feeling to express unique movements in dance. Instructor – Mary Blackburn

Photography - Learn how to take the ultimate picture using sun and digital cameras. Instructor - Mike Madero, Creative Program Manager, Avetec.

Organized Free Time Activities: Select 1/day

Swimming – Swim in Wittenberg University's Health, Physical Education and Recreation Center (HPERC) under the watchful eye of a lifeguard. All students must pass the swimming and deep water test before entering the pool.

Dorm Time – Chill out in the dorm watching TV, solving puzzles, playing board games and generally relaxing.

Billiards – Student Center – Play pool or ping-pong while listening to music.

Frisbee Golf – See if you can beat last year's amazing records on Wittenberg's Disc Golf course. Participants play nine holes.

Nature Walk 1 – Count the Trees – How many and what type of trees are on Wittenberg's campus. Who lives in the trees? These are some of the questions we will answer on the nature walk. Offered Monday.

Nature Walk 2 – What's Bugging Wittenberg? Discover the different types of insects on campus. Offered Tuesday.

Nature Walk 3 – Archeology Discovery. We will use a grid system to discover different types of habitats on campus. Offered Wednesday.

Thursday is Lab Day: You will meet with your major, minor and elective labs to perform experiments and get ready for the final family presentations.

Thursday is also pack up your belongings day!

Friday - Meet only in your major classes to get ready for parent presentation.