

SUMMER PRE-COLLEGE PROGRAMS (SHS)

SHS 0011 Forensic Psychology

0 Credits

Fee: \$2100

This course examines the intersection of psychology and the law. Topics include: lie detection, eyewitness testimony, criminal profiling, jury selection, the insanity defense, offender treatment, juvenile justice, and the death penalty. Case studies, trials, and psychological research will be studied to better understand the psychological aspects of crime.

SHS 0012 Sports Journalism

0 Credits

Fee: \$2100

The importance of independent, sound journalism has never been more important. In this week-long course focused on digital journalism, students will learn how to ethically report and write stories, which they will showcase on a fully-functioning news website that they will design and create.

SHS 0013 Nursing: The Possibilities Are Endless!

0 Credits

Fee: \$2100

Spend a week in the world of nursing, learning about the many opportunities available in the nursing profession. Specific opportunities offered include the basics of first aid and CPR and realistic experiences in the Egan School of Nursing and Health Studies state of the art simulation lab. Students will come away with an understanding of the many possibilities a career in nursing holds with a targeted focus on their personal interests for their future in health care.

SHS 0014 Robotics Lab

0 Credits

Fee: \$2100

Autonomous self-navigating robots help accomplish many tasks in places that are difficult to reach by humans. Such robots should be able to recognize obstacles and alter their paths to complete the task. Students will build a robot using Arduino, an open-source platform based on a microcontroller that can be programmed from a computer. The robot will be powered by batteries mounted on a small chassis with wheels driven by motors and other electronic parts, much like a toy car. They will learn to program the Arduino to accept inputs from ultrasonic sensors in order to stop the motors on finding an obstacle.

SHS 0015 Shakespeare, Page to Stage: Comedies

0 Credits

Fee: \$2100

In this course, students will experience college firsthand while they read, speak, curate, and even stage selections from William Shakespeare's plays. Together, students will use digital tools, workshop writing, collaborate on projects, and develop creative capacities as they learn to appreciate literature. No theatre experience is necessary.

SHS 0016 Shakespeare, Page to Stage: Tragedies

0 Credits

Fee: \$2100

In this course, students will experience college firsthand while they read, speak, curate, and even stage selections from William Shakespeare's plays. Together, students will use digital tools, workshop writing, collaborate on projects, and develop creative capacities as they learn to appreciate literature. No theatre experience is necessary.

SHS 0017 Exploring Economics Through Excel

0 Credits

Fee: \$2100

This one-week course will focus on presenting the foundational skills necessary to be a proficient operator of Microsoft Excel. Our discussions and examples will be built around current and timely issues related to economics. The class will explore topics in economics that include unemployment, income distributions, and issues related to sports economics. The goal of this course is to use these topics in economics to highlight and present the Microsoft Excel skills necessary for success at the collegiate/professional level.

SHS 0018 Entrepreneurship and Startup Essentials

0 Credits

Fee: \$2100

There is a growing segment of the high school student population that is developing ideas for products and services with the intention of undertaking startup businesses. This workshop is designed to convey the essentials of building a business plan in a simple and visual format. Using student ideas as examples, exercises and workshop scenarios provide an intuitive approach for the development of business implementation strategies.

SHS 0019 Biomedical Institute

0 Credits

Fee: \$2100

This course will focus on human biology, disease, and medicine. We will explore a range of topics including human genetics and physiology, biochemical pathways, nutrition and metabolism, mechanisms of disease and treatments, and biomedical ethics. The course will engage students through a variety of formats such as lectures, interactive exercises, virtual labs and simulations, group work, and lab experiments. The goal of the course is to provide students with a glimpse of the current concepts and challenges in human health and disease.

SHS 0090 Summer BASE Camp

0 Credits

BASE Camp (Broadening Access to Science Education) is a two-week, residential camp for high school women interested in scientific research. Students have the opportunity to see what research in science is all about, and have fun in the process. BASE Camp is designed to engage female high school students in hands-on, research-based experiences in the natural sciences and mathematics, in an effort to inform and excite students about the process of science.