

Academy Career Connections – HHS

AGRICULTURE—HHS

Academies Career Connections: agricultural-related businesses, farming programs, government agencies, veterinarian studies

Agricultural Scientists: animal scientist, soil conservation scientist, dairy scientist, forester, horticulturist, park naturalist, poultry scientist

Helpful high school courses: agricultural courses, biology, environmental science, zoology, English, math

Agricultural-related: business, machinery industry, mechanic, welder

Helpful high school courses: metals I & II; accounting, math, English

Farm & forestry: animal caretaker, conservation worker, farm management, farm worker, forestry, grounds keeping, horticulture, logger, nursery worker, poultry farmer

Helpful high school courses: any of the agriculture course offerings; business, math

HEALTHCARE—HHS ACADEMY

Career Connections: Medical physicians, nurses, therapists, pharmacists, health technicians

Medical physicians: anesthesiologist, cardiologist, chiropractor, dermatologist, dentist, family practitioner, optometrist, orthopedist, pathologist, pediatrician, podiatrist, psychiatrist, radiologist, surgeon

Helpful high school courses: English, math, biology, AP biology, chemistry, AP chemistry, human anatomy & physiology; psychology, parenting, food science, zoology, medical profession education classes

Nurses, therapists, pharmacists: dietician, nutritionist, pharmacist, physician assistant, registered nurse, therapists: occupational, physical, recreational; audiologists, public health nurse, nursing home nurse

Helpful high school courses: English, math, biology, chemistry, human anatomy & physiology; food science, family consumer science, parenting, psychology; medical profession education classes, zoology, botany

Health technicians: clinical lab, dental hygienist, medical technicians, licensed practical nurse, medical records technician, and optician

Helpful high school courses: English, math, biology, chemistry, human anatomy & physiology; zoology, botany, medical profession education classes, computer applications classes

SCIENTIFIC—HHS ACADEMIES

Life scientists: agricultural scientist, aquatic biologist, biologist, biochemist, botanist, microbiologist, physiologist, zoologist, ecologist, medical scientist, food scientist, conservation scientist, park naturalist

Helpful high school courses: biology, AP biology, environmental science, AP environmental science, zoology, botany, chemistry, Algebra II, English, food science

Mathematicians & computer scientists: actuary, computer engineer, computer programmer, computer research analyst, computer systems analyst, system analyst, computer scientist, statistician, mathematician, operations research analyst

Helpful high school courses: chemistry, physics, trigonometry, calculus, AP calculus, all CT concept courses, English, statistics

Physical scientists: astronomer, chemist, climatologist, environmental analyst, geographer, geophysicist, hydrologist, meteorologist, mineralogist, oceanographer, paleontologist, physicist, seismologist, soils engineer, stratigrapher

Helpful high school courses: biology, environmental science, AP environmental science, chemistry, AP chemistry, physics, zoology, botany, advanced math, English

SERVICE—HHS ACADEMY

Career Connections: cooperative extension services, early childhood education, dietary and nutritionist careers, food service, home management, teaching

Food service work: baker, bartender, butcher, cook: cafeteria, restaurant, fast food; chef, food preparation worker, waiter/waitress

Helpful high school courses: math, English, family consumer science, foods and nutrition, food science, health

Personal & health service work: barber, childcare, cosmetologist, flight attendant, janitor, home health aide, ambulance attendant/driver, dental assistant, medical assistant, nursing aide, orderly, psychiatric aide, occupational therapy aide, pharmacy assistant, physical therapy aide

Helpful high school courses: family consumer science, parenting, foods and nutrition, health, biology, chemistry, psychology, math, English, physical education, medical profession courses

Protective service work: correction officer, guard, deputy sheriff, detective, FBI agent, fire fighter, police officer, probation officer, private investigator

Helpful high school courses: health, math, English, physical education, psychology, statistics, geography, any computer courses

SOCIAL—HHS ACADEMY

Educators: teachers: elementary, preschool, kindergarten, special education, secondary, college, vocational education, adult education; physical training instructor, librarian, counselor

Helpful high school courses: biology, zoology, English, math, history, psychology, Computer Applications, Multimedia I/II, desktop publishing, physical education, health, publications, accounting, family consumer science, parenting

Social & legal work: anthropologist, biographer, clergy, economist, geographer, historian, human services worker, lawyer, marketing research analyst, paralegal, psychologist, recreation worker, social worker, sociologist, urban & regional planner

Helpful high school courses: science, English, math, history, psychology, physical education, health, parenting, family consumer science, statistics