Animal Science
You love animals and want to be around them all the time. But do you understand why they are important to our world? Learn how the care and production of animals affects our health, environment, nutrition, condition, security, and emotional wellness. Explore emerging career opportunities in Animal Science and Agriculture, and learn how traditional jobs are changing. Discover the University of Maryland’s Campus Farm and the animals who live there. Faculty and students will lead workshops and tours of campus facilities and labs, focusing on animal science “from planning to plate.” The Animal Science track is sponsored by the College of Agriculture and Natural Resources.

Architecture and Design
How can you help build the future? Explore career opportunities in the ever-expanding fields of Architecture and Design. Learn how social, cultural, and environmental aspects of human interaction affect physical design of buildings, spaces, and entire communities. Discover how landscape architecture not only “greens” our world but builds sustainable communities. Find out how University of Maryland students and faculty use innovative, creative ideas to build new communities as well as recover and maintain historical spaces. Attend workshops taught by faculty and students and explore campus facilities and labs where new spaces are being designed and planned. The Architecture and Design track is sponsored by the School of Architecture, Planning and Preservation and the College of Agriculture and Natural Resources.

Communication and Leadership
Great Leaders have one basic skill in common – they are great Communicators. Learn how to get your message across using various forms of media – video, audio, graphics, social media and more. Explore careers in communication and learn how you can strengthen your own leadership portfolio by strategically using social media and other platforms. Attend workshops taught by communications professionals and University of Maryland Journalism/Communications faculty and staff, and tour the journalism school and campus media labs and centers. Participants will also work on a daily digital newsletter and video that will chronicle the entire Maryland 4-H Congress and will be shared across the state! The Communications and Leadership track is sponsored by the Philip Merrill College of Journalism.
Engineering
The University of Maryland is known for “Fearless Ideas,” many of which start out with Maryland students in a variety of Engineering disciplines. Explore career opportunities in aerospace, robotics, electrical, chemical, biomedical, and agriculture engineering and discover Maryland’s unique Fire Protection Engineering program. Learn how engineering students are leading research advancements in disaster resilience, weather, extreme robotics, cybersecurity and more in workshops taught by students and faculty, and tour research facilities and labs such as the fire science lab and the Glenn R. Martin Wind Tunnel facility. The Engineering track is sponsored by the A. James Clark School of Engineering.

Health and Wellness
Health and Wellness is one of the fastest-growing and most diverse career fields in the nation. From nutrition to physical fitness to mental and emotional health, “feeling good” is not just a goal, it is the foundation of a happy and productive life. Explore career opportunities in Health and Wellness fields through workshops and facilities tours by University of Maryland students and faculty working in dietetics, physical training, counseling/mental health, and other areas affecting human wellness. Visit campus health and wellness facilities and see what the University offers to help keep Terps healthy in mind, body, and spirit. The Health and Wellness track is sponsored by the School Public Health, the College of Agriculture and Natural Resources, and University of Maryland Extension.

Plant and Environmental Science
The focus is on our Green World in the Plant and Environmental Science track. From the mountains to the Bay, Maryland has one of the country’s most diverse environments. Learn how our various ecological systems co-exist and what factors affect their interdependence. Discover the importance of Agriculture not just as a food source but as the “life factor” that keeps our environment in balance. Explore careers in Plant and Environmental Science through workshops taught by faculty and students, and tour the Campus Greenhouse and labs. The Plant and Environmental Science track is sponsored by the College of Agriculture and Natural Resources.