



# PROGRAMS IN THE SCIENCES



## TROPICAL BIOLOGY FALL SEMESTER

A hands-on semester-length immersion in tropical biology emphasizing skills in field observation, data analysis, critical thinking and applying these skills to an original field research project.

CREDITS <b>18 hours</b>	DATES <b>FALL</b>
COURSES IN <b>ECOL, BIOL, GENE, &amp; ENTO</b>	

## COFFEE: FROM BEAN TO CUP!

Harvest and study shade-grown coffee and contrast both small- and large-scale coffee production using Athens-based roasters and those you'll visit around Costa Rica during your stay.

CREDITS <b>2 hours</b>	DATES <b>THANKSGIVING</b>
COURSES <b>FDST 4150/6150</b>	

## TROPICAL REFORESTATION SERVICE LEARNING SPRING BREAK

Students will learn and apply GPS and GIS skills, spending their spring break playing a critical role in the monitoring and assessment of UGACR's long-running Carbon Offset Reforestation Program.

CREDITS <b>2 hours</b>	DATES <b>SPRING BREAK</b>
COURSES <b>FORS 5950, 7980</b>	

## TROPICAL ECOLOGY MAYMESTER

A condensed version of our Tropical Biology Fall Semester Program. Students will gain skills in field observation, data analysis and critical thinking while applying these skills to a field research project.

CREDITS <b>7 hours</b>	DATES <b>MAYMESTER</b>
COURSES <b>ECOL 3100/L &amp; 3510</b>	

## OUTDOOR RECREATION AND GEOLOGY

A high-energy, active learning experience: hiking, whitewater rafting, surfing, kayaking and more! You'll also stop and study the landforms along the way to learn about Central American geology.

CREDITS <b>5 hours</b>	DATES <b>MAYMESTER</b>
COURSES <b>PEDB 1090, GEOL 1121/L &amp; 3120/L</b>	

## LANDFORMS AND LANDSCAPES IN COSTA RICA

Analyze and interpret landscapes and soils in a variety of field locations, including volcanic ranges, caves, coastal dunes, reefs and throughout the lush Monteverde Cloud Forest region.

CREDITS <b>6 hours</b>	DATES <b>MAYMESTER</b>
COURSES <b>GEOC 4060/6060 &amp; 4070/6070</b>	

## COMPARATIVE ENVIRONMENTAL HEALTH

This 4-week program will spend two weeks in Athens and two weeks in Costa Rica conducting a comparative study of food security. In addition, students will learn about farming, processing and packaging practices.

CREDITS <b>6 hours</b>	DATES <b>MAYMESTER</b>
COURSES <b>EHSC 3700 &amp; 4500</b>	

## WARNELL CORE: NATURAL RESOURCE PROBLEM-SOLVING

Earn core Warnell credits while learning GIS skills and investigating resource economics through local case studies. Contribute important data to UGACR's Carbon Offset Reforestation Program.

CREDITS <b>7 hours</b>	DATES <b>1<sup>ST</sup> SUMMERSESSION</b>
COURSES <b>FANR 4201/6201 &amp; WILD 5950, 7980</b>	

## ONE HEALTH SUMMER TERM

"One Health" is a term describing the multidisciplinary approach to disease prevention and control which recognizes the interconnectedness of human, animal and environmental health. Visit four sites in Costa Rica— from the mountains to the coast— to study these relationships first-hand.

CREDITS <b>6-9 hours</b>	DATES <b>2<sup>ND</sup> SUMMERSESSION</b>
COURSES <b>EHSC 4900, 3700, 7900, 8800 &amp; IDIS 5900, 8900</b>	