

# Greer Environmental Sciences Center



THIS 44,000 SQ. FT. STATE-OF-THE-ART FACILITY PROVIDES UNPRECEDENTED OPPORTUNITIES FOR STUDENTS WHILE FOSTERING REGIONAL COLLABORATION WITH ORGANIZATIONS SUCH AS THE VIRGINIA AQUARIUM AND THE VIRGINIA INSTITUTE FOR MARINE SCIENCE (VIMS).

## KEY AREAS OF STUDY

ATMOSPHERIC SCIENCE  
BIOLOGY  
CHEMISTRY  
EARTH SCIENCE  
ENVIRONMENTAL SCIENCE  
GEOGRAPHIC INFORMATION SYSTEMS (GIS)  
MARINE BIOLOGY & OCEANOGRAPHY

Organized thematically around the earth's four spheres – atmosphere, hydrosphere, lithosphere and biosphere – the Greer Environmental Sciences Center features sophisticated indoor and outdoor learning spaces that embody “science on display” and promote hands-on experiences, interactive learning and interdisciplinary research.



VIRGINIA  
WESLEYAN  
UNIVERSITY

## FOUR LARGE TEACHING LABORATORIES RELATED TO THE EARTH'S SPHERES

- Ecology and Marine Biology Lab
- Earth Science Lab
- Atmosphere and Oceanography Lab
- Analytical Chemistry Lab with Instrumentation

## DEDICATED RESEARCH LABS

- Chesapeake Bay Fish Lab
- Geology and Hydrology Lab
- Nutrient Analysis Lab
- Trace Metal Analysis Clean Room
- Environmental Imaging Suite
- Geographic Information System (GIS) classroom

## STRATEGICALLY-PLACED SUSTAINABLE FEATURES ACCESSIBLE TO STUDENTS

- Geothermal system for heating, cooling and domestic hot water
- Array of photovoltaic panels and a small-scale demonstration wind turbine
- Extensive green roof
- Greenhouse and research gardens
- Landscaping featuring native plantings, wildlife habitats
- Vegetated bioretention basins, constructed wetlands for stormwater runoff

## VERSATILE TEACHING AND LEARNING SPACES

- 50-person, tiered lecture room
- Two 36-person active learning classrooms
- Two 20-person seminar rooms
- Formal and informal study spaces located throughout