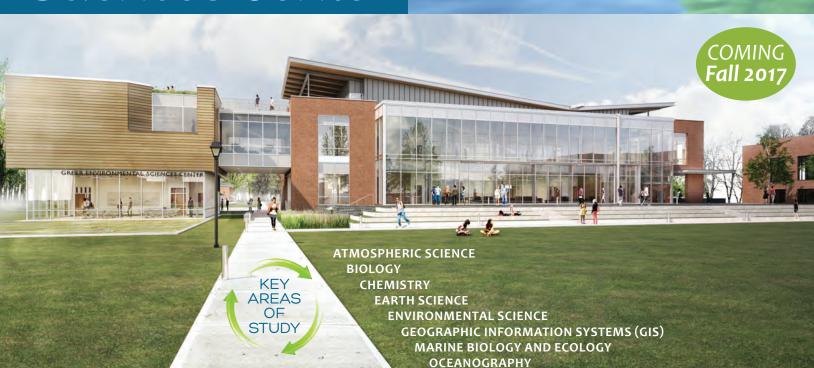
Greer Environmental Sciences Center



THIS NEARLY 40,000 SQ. FT. STATE-OF-THE-ART FACILITY WILL PROVIDE UNPRECEDENTED OPPORTUNITIES FOR STUDENTS WHILE FOSTERING REGIONAL COLLABORATION WITH ORGANIZATIONS SUCH AS THE VIRGINIA AQUARIUM AND THE VIRGINIA INSTITUTE FOR MARINE SCIENCE (VIMS).

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



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