



Virginia Space Grant Consortium

Promoting STEM Education, Workforce Development and Research

K-12 Programs

Eighth and ninth graders

BLAST is a three-day residential summer experience on the campuses of ODU, Virginia Tech and UVA.

blast.spacegrant.org

High school sophomores

Virginia Space Coast Scholars offers an online STEM program. High performing scholars may be invited to attend a summer academy at NASA Flight Facility.

vsgc.odu.edu/spacecoast

High school juniors

Virginia Earth System Science Scholars (VESSS) is an online dual-enrollment Earth Science course, highlighted by a seven-day residential summer academy at NASA Langley Research Center.

vsgc.odu.edu/vesss

High school juniors and seniors

Virginia Aerospace Science and Technology Scholars (VASTS) is an online dual-enrollment STEM course highlighted by a seven-day residential summer academy at NASA Langley Research Center.

vsgc.odu.edu/vasts

Pathways Flight Academies offer students at least 16 years old the opportunity to undertake ground school and flight training that culminates in the students first solo flight.

vsgc.odu.edu/pathwaysflightacademies

Seventh and eighth graders on the Peninsula

Technology Exploration Saturdays offers a three-part series of hands-on STEM activities.

vsgc.odu.edu/technology-saturdays

Scholarships/Fellowships

Community college students

vsgc.odu.edu/communitycollegescholarships

Undergraduate students

vsgc.odu.edu/undergraduatescholarships

vsgc.odu.edu/stembridge

vsgc.odu.edu/acrpdesigncompetition (for innovative approaches to airport issues).

Graduate students

vsgc.odu.edu/graduatefellowships

vsgc.odu.edu/acrpdesigncompetition

vsgc.odu.edu/acrpgraduateresearchawards (for applied research on airport and related aviation system issues).

Internships/Research Experiences

Community college students

STEM Takes Flight opportunities include paid onsite research experiences at NASA Langley and NASA Wallops.

vsgc.odu.edu/stemtakesflight

Community college and undergraduate students

Virginia Commonwealth STEM Industry Internship Program (CSIIP) links students studying in STEM fields to companies with paid internships.

csiip.spacegrant.org

Programs for Educators

vsgc.odu.edu/stemtakesflight/facultyworkshop

geoted-uas.org (community college faculty training in UAS).

vsgc.odu.edu/newinvestigatorprogram startup funding to VSGC member institution faculty conducting NASA-related research.

vsgc.odu.edu/geotrek-12 (geospatial training for K-12 educators).