



## Bachelor of Science in Physics with Concentration in Astronomy

### The Program

The University of the Virgin Islands offers a **4-year Bachelor of Science (B.S.) in Physics with a Concentration in Astronomy**. A 3-year intensive-study program is also possible for calculus-ready students wishing to complete a physics degree in 3 years.

UVI Physics graduates can pursue careers in several fields, including **engineering, aerospace science, data-science, and environmental science**.

UVI Physics Faculty provide mentoring and **research opportunities also for students** and will provide counseling to those interested in Master/Ph.D. in STEM fields after graduation.

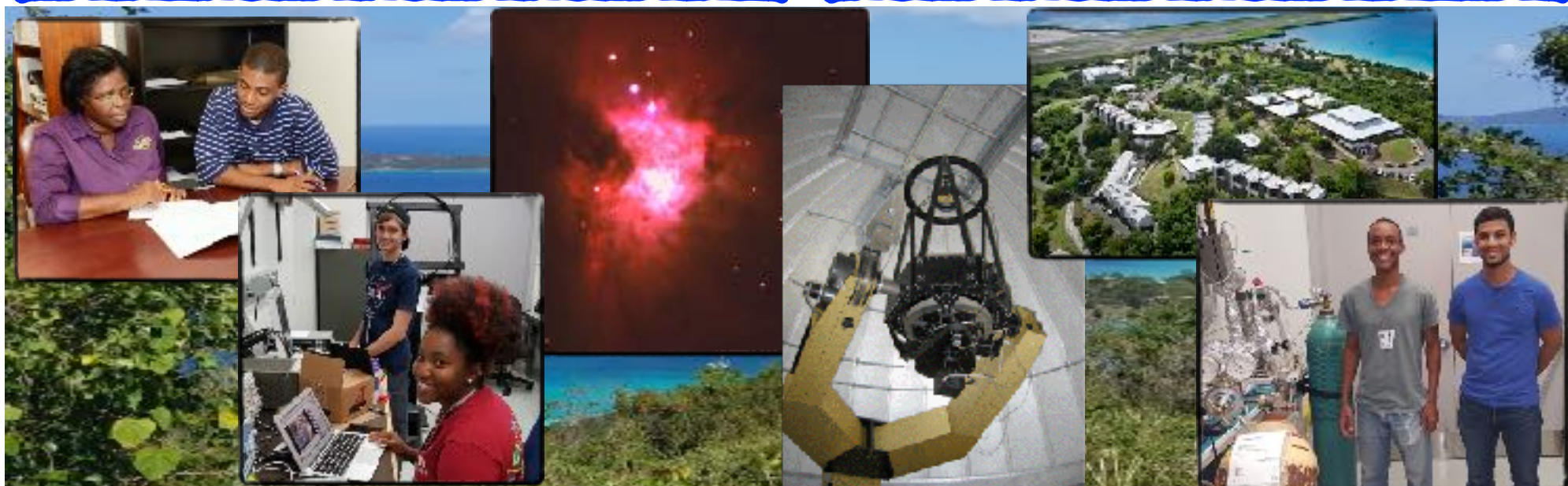
All UVI physics students will have the opportunity to do **paid research throughout their entire time at UVI** including participation in both academic year and summer research programs with NASA and the NSF.

### Home Away from Home

UVI students live in the beautiful islands of **St. Thomas and St. Croix**. UVI offers affordable housing opportunities in its vibrant and stimulating campuses. The B.S. in Physics is offered on St. Thomas, but the university is planning for an expansion on St. Croix in the incoming years.

**UVI facilities, clubs, and activities offer many opportunities for student interaction, collaboration** in the all-year wonderful Caribbean weather.

**UVI Center for Student Success** and the Physics Faculty will make sure our student receive all the support they need to achieve the best academic performances.



### Undergraduate Research

Numerous federal grants provide funding for UVI Physics students in order to perform cutting-edge research in **Astronomy, Aerospace, Climate Change, and Data Science** starting from their freshman year.

UVI Physics students participate at internship at NASA, USDA, National Optical Astronomical Observatory, and major universities (e.g. U. of Wisconsin-Madison, UT Austin).

Students are trained and may do research with our **Virgin Islands Robotic Telescope (VIRT)** at Etelman Observatory and our X-ray vacuum testing facility.

UVI Physics will also develop some of the new generation of NASA CubeSats, for the exploration of the Gamma-ray sky.

UVI physics students have hands-on opportunities to participate in the satellite building and testing process.

Students also present at our annual research symposia and at national scientific and mentoring conferences around the nation. UVI Faculty mentoring adhere to the standards set by the National Mentoring Research Network.

### UVI FACT SHEET

<b>Residents tuition</b>	<b>\$2,300</b>
<b>Non Residents tuition</b>	<b>\$6,900</b>
<b>Students/Faculty ratio</b>	<b>12:1</b>
<b>Undergraduate Research</b>	<b>100%</b>

The University of the Virgin Islands offers competitive tuitions, also for non USVI residents. Our high students/faculty ratio guarantees that our students receive all the opportunities and attention they deserve in order to achieve the highest possible outcomes.

**All our Physics students are involved in cutting-edge research projects during the academic year and the summer.**



UVI Admission office: [www.uvi.edu/enrollment/](http://www.uvi.edu/enrollment/)

UVI Physics Program: <https://www.uvi.edu/academics/science-math/> (check the QR-code)

UVI Etelman Observatory: <http://observatory.uvi.edu/>

**For High School officials: email** UVI Physics professors to schedule a webinar with your students

