Intensive Summer School for Computing in Environmental Sciences

A Program for Computational Education and Internship Training for Students in Environmental Sciences

**WEEK 1:** will teach basic programming and software engineering with an emphasis on the particular interests of environmental science students.

**WEEK 2:** will introduce advanced visualization and compiled languages.

**WEEK 3:** will cover material for high-performance computing, including serial optimization, high-throughput computing, MPI, and OpenMP.

**FOLLOWING 8 WEEKS:** Select students will begin 8 week internships at various NASA research centers nationwide immediately following the Summer School.

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**Program Schedule**

**2.5 week summer school:**
- 20 students will be admitted
- Summer school will take place at The University of Virginia
- Housing will be provided
- Breakfast and lunch will be provided on weekdays and a stipend for dinners and meals on weekends will be paid

**8 week NASA internships:**
- Select students will be placed in internships at various NASA centers
- Interns will receive a weekly stipend

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**Application Process**
Submission of online application and letters of reference
Applications due March 1, 2015

To learn more about the program, visit: [http://www.uvacse.virginia.edu](http://www.uvacse.virginia.edu)