Program Information

Application Information

- Application Information must be completed ONLINE. Online application can be found: http://morehouse.edu/physics/summerprograms/numass/
- A complete application includes online application, recommendation form, most recent progress report, and OFFICIAL academic transcript sealed from school.
- The online application must be completed by Tuesday, March 15, 2016.
- Additional materials must be MAILED and RECEIVED in the office no later than Friday, March 18, 2016 5:00 pm. RIGID DEADLINE.
- Selected applicants must successfully complete an interview and pass an on-site Math Skills Test for final selection.
- Application materials are to be submitted to NuMaSS Summer Program
  Morehouse College
  Dept. of Physics & Dual Degree Engineering
  830 Westview Dr. SW
  Atlanta, GA 30314

Program Dates
- May 31, 2016 – July 1, 2016
- Participants and their parents (or legal guardians) must attend the program orientation on May 31, 2016

Contact Persons:
- Dr. Willie Rockward
- Ms. Kiandra Johnson
  numass@morehouse.edu

Participants must reside in the Atlanta Metropolitan area for the duration of the program but do not have to be residents of Atlanta, GA

Applicants must be rising 9th, 10th, 11th and 12th graders. Rising 11th and 12th graders must be returning students, completing one and two years of the program respectively.

The program is offered at no cost to the students.
The Morehouse NuMaSS Summer Program is a powerful four-week experience for rising 9th, 10th, 11th, and 12th graders who have a desire to pursue an undergraduate degree in science, technology, engineering, or mathematics (STEM). This science program caters to middle and high school students who desire an opportunity to engage in college courses and college laboratories, thus strengthening and reinforcing their fundamental science and mathematics skills. This program also gives students a greater understanding of fundamental skills necessary to transition successfully from high school to college. Although open to all students, each participant must reside in the Atlanta Metropolitan area for the duration of the program.

Through this accelerated summer experience, students will participate in college physics courses, mathematics courses, English courses, study skills workshops, inquiry based laboratories, and scientific enrichment trips. Each participant will also conduct a research project based on a topic investigated during the inquiry-based laboratories.

College mathematics courses include Basic Mathematics, College Algebra, Precalculus, and Calculus, while the Physics courses consist of Physical Science and Introductory Physics, and Calculus based Physics. The English course will comprise of English composition and scientific writing. Inquiry based laboratories encompass topics from nuclear science, materials science, and space science. Students participate in weekly enrichment trips to scientific research facilities and interact with dynamic science professionals, scientists, and researchers. Study skills workshops instruct students on effective skills necessary to succeed in the STEM disciplines, scientific research, and presentation skills.

Upon completion of the program, each participant will give an oral presentation discussing his or her research interests in nuclear, materials and/or space sciences.