The objective of this certificate program is to provide training in epidemiology, biostatistics, and applied clinical and population research methods to health professionals, research professionals, and health sciences students, residents, and fellows. Students trained in the program will develop skills: 1) to develop meaningful and feasible research questions, 2) to design and implement studies to answer clinical and population research questions, 3) to communicate through grant applications, protocols, manuscripts, abstracts, and presentations, and 4) to collaborate productively in multidisciplinary scientific teams. Courses are primarily taught by faculty within the Division of Public Health Sciences and are held on Tuesdays and Thursday.

**PLAN OF STUDY**

The certificate program will require a total of 15 hours of coursework (10 core & 5 elective),

- At least 10 hours of coursework is required from these 5 core classes:
  - Epidemiology (CPTS 720, 4 hours)
  - Population Research Methods I (CPTS 748, 2 hours)
  - Clinical Trial Methods (CPTS 742, 3 hours)
  - Population Research Methods II (CPTS 749, 4 hours)
  - Research Grant Preparation (CPTS 741, 3 hours)

- All certificate students will be required to take the CPTS ethics sequence (CPTS 703 & 704) or complete the introduction to the Responsible Conduct of Research Workshop or equivalent coursework as determined by the course directors.

- Participants entering the certificate program must enroll in one of the CPTS statistics courses (730 or 732) or provide evidence of successful completion of at least one graduate level statistics course.

**ADMISSION STANDARDS AND PROCEDURES**

Eligible students:
Hold or are pursuing advanced degrees, such as the MD, DVM, ScD, PhD, DDS, DSN, MMS, or MSN.

-OR-

BA or BS in a social science, public health, or other health-related field, and extensive previous experience in a health-related field.

All applicants must provide GRE, MCAT, or USMLE scores.

Application decisions are made on a rolling basis beginning on January 15 and continuing until available slots are filled (typically early May). All students must start the Program at the beginning of the subsequent fall semester.

Applications must be filed electronically through the Graduate School. (https://graduate.wfu.edu/admissions/onlineapp.html).

Details regarding the program may be found on our website:
https://www.phs.wakehealth.edu/public/edu.cfm

or by consulting the Wake Forest Graduate School Bulletin: http://graduate.wfu.edu/bulletin.html