DOCTOR OF PHILOSOPHY IN THE FIELD OF BIOMEDICAL ENGINEERING

Program Overview
The doctoral program in Biomedical Engineering is designed to prepare students for a career of creative scholarship by providing a broad but balanced background of knowledge and guidance in the performance of research. This interdisciplinary program provides course work and research that draw on resources from across the School of Engineering and Applied Science. Existing research partnerships with GW’s School of Medicine and Applied Sciences and Hospital, as well as NIH and U.S. FDA, offer unique research opportunities and laboratory facilities.

Areas of Focus
There are a number of areas in which program students focus their dissertation research. These include cardiac electrophysiology, therapeutic ultrasound and drug delivery, image analysis and image processing, medical imaging and computer-aided diagnosis, and microfluidics and lab-on-a-chip technology.

Specific admission requirements are shown on the Graduate Program Finder (http://www.gwu.edu/all-graduate-programs).

Visit the program website (http://www.graduate.seas.gwu.edu/programs/biomedical-engineering) for additional information.

REQUIREMENTS
The following requirements must be fulfilled: completion of a minimum of 30 credits in a formal program of study at the graduate level beyond master’s study or, for students without a master’s degree, a minimum of 54 credit hours in a formal program of study at the graduate level beyond the baccalaureate. In some cases, particularly when the student undertakes a doctoral program in a field other than that in which the earlier degree was earned, the program of study exceeds the minimum number of credit hours.

No specific courses are required; the student and advisor design the curriculum to meet the student’s needs and goals.