# HCS6110 - Fundamentals of Functional Brain Imaging Lab

HCS 6110 (ACN 6110) Fundamentals of Functional Brain Imaging Lab (1 semester credit hour) This course covers applications of functional neuroimaging data collection and analysis methods focusing on methods of data collection, and experimental design, data analysis methods, and how they are related. Students work in the lab to develop proficiency with neuroimaging analysis software tools. Class meetings will consist of lectures, hands-on demonstrations, and work-through sessions with readily available data sets to learn the mechanics of basic fMRI data analysis. Corequisite: ACN 6310 or HCS 6310. Prerequisites: BBSC majors only and department consent required. (0-3) Y