ACN6310 - Fundamentals of Functional Brain Imaging

**ACN 6310 (HCS 6310)** Fundamentals of Functional Brain Imaging (3 semester credit hours) This course covers topics such as principles of tracer techniques, neuroimaging instrumentation, safety issues, brain physiology (perfusion, metabolism, and receptor function), image processing and analysis, fundamentals of SPECT, PET and fMRI, and critical evaluation of the functional neuroimaging literature. Prerequisites: BBSC majors only and department consent required. (3-0) Y