Technical Requirements
for the
Medical and Biological Illustration graduate program

- Students in the Medical and Biological Illustration graduate program are considered without regard to disability, but with the expectation that they can complete satisfactorily all parts of the curriculum within the prescribed 22-month period. The program does not offer a decelerated or out-of-sequence curriculum.

- In addition to certain academic standards, students in the program must have abilities and skills in observation, communication, motor-function, quantification, abstraction, relationships, and behavior. Some disabilities in certain of these areas may be overcome technologically with accommodations, but students in the program must be able to perform in a reasonably independent manner without the use of trained assistants.

- Students must be able to perceive fine detail in digital and traditional media from original, print and computer screen.

- Students must have sufficient fine and gross motor function to use with a high degree of precision traditional media tools such as brush, pencil, and pen, as well as a pen for a digital tablet for significant time, approximately 8-10 hours each school day. Students must have sufficient fine and gross motor functions to hold a scalpel and other dissection tools to participate in dissection lab.

- Students must have sufficient gross motor function to remain in a stationary position for 4-5 hours during daily dissection labs for the 8-week Human Anatomy course.

- Students must have sufficient gross motor function to enter operating rooms and to remain in a stationary position for 4-8 hours without assistive devices that could compromise the sterile environment of the OR, i.e. all surfaces must be coverable by scrubs, shoe covers, facemasks, hair covers, gloves or other personal protective equipment. Observation occurs in close proximity to the operating field; therefore, students must be able to adjust position quickly to accommodate the changing needs of the surgical team. This is for second year coursework requiring in-person observation of surgical procedures.

For additional information, contact medart-info@jhmi.edu.