



Graduate College of Biomedical Sciences Master of Science in Biomedical Sciences (MSBS) Program

Personal Competencies for Admission and Matriculation

A candidate for admission to the MSBS program must possess, or be able to achieve through a reasonable accommodation, certain intellectual, social, behavioral, and physical abilities, that would enable the individual to acquire the knowledge and technical skills needed to complete program curriculum and formulate a culminating thesis within their specific field of study. Upon matriculation to the program, the student must continue to possess, or be able to achieve through a reasonable accommodation, the personal competencies outlined below throughout their progression in the MSBS program. Graduates of the program are eligible for a myriad of possible futures including working in the biomedical sectors and further study toward a PhD or professional degree. As a result, it is preferred that students have the intellectual ability to learn, integrate, analyze, and synthesize numerical, visual, and textual information within the field of biomedical sciences' research. They should also be able to effectively and accurately integrate this information and communicate it to others by both oral and written means.

A candidate for the MSBS program is preferred to have the following abilities and skills, and be able to perform all of the following essential functions, which include but are not limited to the areas below. For candidates or students who require a reasonable accommodation in order to meet the competencies outlined below, please contact the Harris Family Center for Disability and Health Policy/Accommodation and Resource Center (CDHP/AARC) at (909) 469-5297.

Under all circumstances, a candidate or student should be able to perform the following in a reasonably independent manner, with or without a reasonable accommodation:

Intellectual and Cognitive Abilities

Candidates should demonstrate abilities in measurement, reasoning, analysis, and synthesis of acquired data and knowledge.

Communication

Candidates should be able to demonstrate oral and written communication skills, which include generating clear articulations of their research and formulating scientific arguments.

Collaboration

Candidates should demonstrate the ability to participate in an inclusive learning community such as working within a team amongst other students and laboratory staff.

Laboratory and Research Experience

Candidates are preferred to have a prior hands-on laboratory experience.

Ethical Standards

Candidates should demonstrate the ability to reason through ethically questionable situations