



## **Essential Qualifications for the Agriculture, Horticulture, and Animal Science Programs**

The following technical standards address many of the physical, cognitive, attitudinal and behavioral abilities essential to this program. Students should meet these essential qualifications in order to be successful in the program (and future career opportunities). Students with documented disabilities who wish to request reasonable accommodations under the American with Disabilities Act must follow the college's procedure for requesting accommodations. The college reserves the right to reject requests for accommodations that would fundamentally alter the nature of an educational program, lower the academic standards, cause an undue hardship on the college, or endanger the health or safety of a student with a disability, other students, or any other member of the college community.

The essential skills and abilities for these programs are categorized in the following Technical Standards:

### **Cognitive**

With or without reasonable accommodations, a candidate for this program must have sufficient cognitive-intellectual abilities and skills in order to:

A student must be able to measure, calculate reason, analyze, integrate, and synthesize. The student must be able to read and comprehend extensive written material, such as reports, technical manuals, and research studies. He or she must also be able to evaluate and apply information and engage in critical thinking. Students should be able to reason deductively and inductively; identify objects, actions, and events; make decisions and solve problems; and document information.

### **Communication**

With or without reasonable accommodations, a candidate for this program must be able to express information and ideas coherently, and listen to and understand information and ideas. Candidates must be capable of effectively and professionally communicating and interacting with co-workers, suppliers, customers, and/or government agencies in both oral and written forms. Candidates must be able to read and write reports and other information and ideas.

### **Motor Skills**

With or without reasonable accommodations a candidate must have sufficient motor skills in order to students should have the ability to reach items overhead, stand for 8-12 hours, lift heavy objects, and operate tools and machinery.



## **Environmental Tolerance**

With or without reasonable accommodations a candidate must have sufficient environmental tolerance in order to work in a variety of conditions that could include extreme weather, loud noises, chemicals and toxins, dust, heat, and fumes, moving objects and agricultural machinery, slippery or uneven surfaces, variations in lighting, and activities that may cause serious injury and death.