



Cardiac and Vascular Institute of Ultrasound Entrance Requirements:

The following admissions prerequisites are designed to ensure that students enter the program with the foundational knowledge and academic preparation necessary for success in a rigorous healthcare curriculum. Applicants are expected to demonstrate competency in core subject areas through formal coursework and standardized testing. **Meeting these requirements does not guarantee admission but establishes eligibility for consideration.**

Applicants must complete all required coursework at an accredited high school, college, or university. Official transcripts and standardized test scores must be submitted directly to the Office of Admissions as part of the application process.

1. Educational Credentials:

- Applicants must hold **one of the following**:
 - A high school diploma from an accredited institution, or
 - A General Educational Development (GED) certificate or its equivalent, or
 - A regionally or nationally recognized international equivalent.

2. College-Level Education:

- Applicants must also have completed **one of the following** prior to matriculation:
 - A bachelor's degree from a regionally accredited college or university, or
 - An associate degree from a regionally accredited college, or
 - A minimum of 48 semester credit hours (or the equivalent) of college-level coursework at an accredited institution.

3. Standardized Test Scores:

- Applicants must submit **official scores from one of the following standardized tests**:
 - **ACT**: A minimum composite score of **18** is required.
 - **SAT**: A minimum total score of **960-980** is required.

4. Prerequisite Coursework:

In addition to meeting the degree or credit-hour requirement above, all applicants must have successfully completed the following prerequisite courses, with a grade of **"C" or better** in each course.

Prerequisites may have been completed at the undergraduate or post-baccalaureate level. Below are **examples of commonly accepted course titles and numbers** from accredited institutions. Actual course numbers and titles may vary by college or university. Applicants should consult their institution's course catalog and contact the Office of Admissions if they are unsure whether a course satisfies a requirement.

a. Basic Science:

- One (1) course in a basic natural science discipline, such as:
 - *BIOL 101 — General Biology I*
 - *BIOL 221 — Microbiology for Health Sciences*
 - *CHEM 101 — General Chemistry I with Lab*
 - *PHYS 101 — Introduction to General Physics I (Algebra-based).*

b. Mathematics:

- One (1) college-level mathematics course from the following:
 - *MATH 110 — College Algebra*
 - *MATH 115 — Elementary Statistics* (preferred)
 - *MATH 120 — Pre-Calculus*
 - *MATH 210 — Calculus I*Developmental or remedial-level math courses (e.g., *Basic Math, Pre-Algebra*) do not fulfill this requirement.

c. English Communication:

- One (1) course in written or oral communication, such as:
 - *ENG 101 — English Composition I*
 - *ENG 102 — English Composition II*
 - *COMM 101 — Introduction to Public Speaking*
 - *SPCH 105 — Speech Communication*

d. Anatomy and Physiology:

- A complete sequence of human Anatomy and Physiology coursework:
 - *BIOL 201 — Human Anatomy & Physiology I with Lab and BIOL 202 — Human Anatomy & Physiology II with Lab,*
or
 - *BIOL 240 — Human Anatomy & Physiology (Comprehensive)*

e. Medical Terminology:

- One (1) course in Medical Terminology that introduces healthcare vocabulary and word-building skills, such as:
 - *HSCI 110 — Medical Terminology*
 - *AH 105 — Medical Terminology for Health Professions*

f. General Physics:

- One (1) introductory General Physics course, which may be algebra-based or calculus-based, such as:
 - *PHYS 101 — General Physics I (Algebra-based)*
 - *PHYS 111 — College Physics I with Lab*
 - *PHYS 201 — University Physics I (Calculus-based)*

Important Notes:

- Course titles and numbers listed above are **examples only**. Equivalent courses may have different names and numbers depending on the institution where they were taken.
- All prerequisite courses must be completed with a grade of **C (2.0 on a 4.0 scale) or higher**.
- Courses completed on a pass/fail basis will not satisfy the prerequisite unless the transcript clearly indicates that a “pass” is equivalent to a grade of C or higher.
- Applicants are encouraged to complete all prerequisite coursework prior to applying; however, applications may be considered if no more than two (2) prerequisite courses are in progress at the time of application. Proof of enrollment in outstanding courses must be provided, and all prerequisites must be completed before matriculation.

For questions about whether a specific course meets a prerequisite, applicants should submit the course syllabus or description to the Office of Admissions for review.