



HEALTH PROFESSIONS ADVISING

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Anesthesiologist Assistant

The following information is intended to answer some of the typical questions from students who are interested in a Human or Animal Health related fields. We hope this information offers an opportunity for comparison, but it may not represent any individual program, school, or profession completely. Please ALWAYS double-check your information before making decisions!

OVERVIEW:

Anesthesiologist Assistants (AAs) are highly skilled health professionals who work under the direction of licensed anesthesiologists to implement anesthesia care plans. AAs work exclusively within the anesthesia care team environment as described by the American Society of Anesthesiologists (ASA). All AAs possess a premedical background, a baccalaureate degree, and also complete a comprehensive didactic and clinical program at the graduate school level. AAs are trained extensively in the delivery and maintenance of quality anesthesia care as well as advanced patient monitoring techniques. The goal of AA education is to guide the transformation of qualified student applicants into competent health care practitioners who aspire to practice in the anesthesia care team.

Anesthesiologist Assistants and certified registered nurse anesthetists are both defined as "non-physician anesthetists" within the Centers for Medicare & Medicaid Services section of the Code of Federal Regulations. (Description from the American Academy of Anesthesiologist Assistants)

PREREQUISITES:

These courses are provided as GENERAL pre-requisites and may not represent a complete list of requirements. It is the student's responsibility to check with each professional school in order to determine specific pre-requisites courses and equivalencies for each institution.

Requirement	Recommended CSU Course(s)
Biology (2 semesters w/labs)	LIFE 102 & one other lab-based biology course
Chemistry (2 semesters w/labs)	CHEM111/112 & CHEM113/114
Organic Chemistry (2 semesters w/labs)	CHEM 341 and CHEM343/344
Biochemistry (1 semester)	BC351
Physics (2 semesters w/labs)	PH121 and 122 or PH141 and 142 (UC-Denver prefers calculus-based)
Calculus (1 semester)	MATH 155 or MATH 160
Statistics (1 semester)	STAT 201, 301 or 307
Human Anatomy (1 semester) - Required by UC-Denver	BMS301
Human Physiology (1 semester) - Required by UC-Denver	BMS300 and BMS302
Preferred Courses:	Cellular and Molecular Biology



PROGRAMS

Accredited Programs:

- <http://www.anesthetist.org/educational-programs>

Colorado Programs:

- [University of Colorado School of Medicine AA Program](#)

ADMISSIONS TESTS

American Academy of Anesthesiology Assistants: www.anesthetist.org

APPLICATION SERVICES

No centralized application - apply via individual programs

ASSOCIATIONS

Some AA Programs require students take the MCAT; others allow the use of GRE or MCAT.

MCAT <https://www.aamc.org/students/applying/mcat/>

GRE <http://www.ets.org/gre>