

# PRE-ANESTHESIOLOGIST ASSISTANT

## General Prerequisite Coursework for Anesthesiologist Assistant Schools

**BIOL 1710 General Biology I (3hrs)**  
**BIOL 1720 General Biology II (3hrs)**  
**BIOL 1760 General Biology Lab (2hrs)**  
**BIOL 2301/2311 Anatomy & Physiology I (4hrs)**  
**BIOL 2302/2312 Anatomy & Physiology II (4hrs)**  
**CHEM 1410/1430 General Chemistry I (4hrs)**  
**CHEM 1420/1440 General Chemistry II (4hrs)**

**CHEM 2370/3210 Organic Chemistry I (4hrs)**  
**BIOC 3621 Principles of Biochemistry (3hrs)**  
**Physics I for Science Majors w/ lab (4hrs)**  
**Physics II for Science Majors w/ lab (4hrs)**  
**MATH 1680 Statistics (3hrs)**  
**MATH 1710 Calculus I (4hrs)**  
**ENGL 1310 College Writing I (3hrs)**

**IMPORTANT:** Some schools do not require ALL that is listed above. This is only a general list that most schools require. Be sure to check websites for specific information.

A 'C' or better is required in all coursework  
A Bachelor's degree is required.

## Additional Requirements by School

**\*Program requirements may change without notice and vary with each school; you are still responsible for checking schools' websites for admissions information. Please see your academic advisor to further explore the requirements of the school in which you are interested.\***

### Case Western Reserve University

(Houston, Austin, Cleveland, Washington D.C.)  
Statistics must be advanced, and preferably for the life sciences  
ex: MATH 3680 (3hrs)

### Edward VIA COM & Bluefield University (Alabama, South Carolina)

Statistics must be advanced  
e.g. MATH 3680 Applied Statistics

### Emory University (Georgia)

BIOL 1500 Medical Terminology (2hrs)  
Statistics not required  
Recommended Courses: Biochemistry lab, advanced physiology, Cell Biology, Molecular Biology, Organic Chemistry II

### Kansas City University

CHEM 2380/3220 Organic Chemistry II (4hrs)  
-Biochemistry can replace Organic Chemistry II  
CHEM 1420/1440 not required  
-please note that this is a prereq for CHEM 2370/3210 at UNT

### Indiana University

CHEM 2380/3220 Organic Chemistry II (4hrs)  
Does not require Biochemistry or ENGL 1310 or Calculus

### Medical College of Wisconsin

BIOL 1500 Medical Terminology (2hrs)  
\*Advanced Statistics can substitute for Calculus I  
Does not require ENGL 1310

### Northeast Ohio Medical University

CHEM 2380/3220 Organic Chemistry II (4hrs)  
Recommended Courses: Genetics, Microbiology, advanced physiology, General Psychology, Introduction to Sociology

### Nova Southeast University (Florida & Colorado)

(4 Florida campuses, 1 Colorado)  
Statistics and BIOL 1710/1720/1760 not required  
Recommended Courses: Microbiology, Cellular Biology, Molecular Biology, Organic Chemistry II, Biochemistry lab

### Ohio Dominican University

Only requires one semester of General Chemistry with lab  
Does not require Human Anatomy & Physiology  
Requires 3 additional hours of Biology: will accept Microbiology, Cellular Biology, Molecular Biology, Human Anatomy & Physiology  
Humanities—12 hours—e.g. English, Foreign Language, Theater, Art, Music, History, Theology, Philosophy, Religion

### South University—(Georgia & Florida)

Does not require Human Anatomy & Physiology  
Recommended Courses:  
Human Anatomy & Physiology, Cellular Biology, Molecular Biology, Organic Chemistry II  
Accepts GRE or MCAT

### St. Louis University

CHEM 2380/3220 Organic Chemistry II (4hrs)  
-Biochemistry can replace Organic Chemistry II  
Statistics and ENGL 1310 is not required

### University of Colorado

CHEM 2380/3220 Organic Chemistry II (4hrs)  
Calculus I is preferred, not required

### University of Missouri—Kansas City

CHEM 2380/3220 Organic Chemistry II (4hrs)  
BIOL 1500 Medical Terminology (2hrs)  
Physics must be sophomore-level  
One semester of mathematics; Algebra, Pre-Calculus, Calculus, or additional Statistics will satisfy this requirement

### University of New Mexico

Recommended:  
Anatomy & Physiology II (4hrs)  
Organic Chemistry II (4hrs)  
Cellular Biology  
Molecular Biology  
English  
Psychology  
Public Speaking

### University of Texas Health—Houston

Does not require Statistics or Biochemistry  
Recommended:  
Anatomy & Physiology II (4hrs) &  
Organic Chemistry II (4hrs)  
Biochemistry I & II instead of Principles of Biochemistry

**\*minimum grade of B required for all prerequisites**

# Mapping the Pre-Anesthesiologist Assistant Journey

*With the help of your pre-health advisor, use the prerequisite courses listed on the previous page to create an individual plan for your pre-pharmacy ambitions. NOTE: This is not an official plan, advising record, or degree audit. Please review the proposed course timeline with your degree plan advisor to ensure you have the correct courses to graduate.*

FALL _____	Hrs.	SPRING _____	Hrs.

SUMMER I	Hrs.	SUMMER II	Hrs.

FALL _____	Hrs.	SPRING _____	Hrs.

SUMMER I	Hrs.	SUMMER II	Hrs.

FALL _____	Hrs.	SPRING _____	Hrs.

## Fall Timeline

MCAT or GRE Preparation (if MCAT or GRE is required)

## Spring Timeline

Prerequisites should be complete before applying  
Register for and take MCAT or GRE if required  
The CASAA application opens in March

FALL _____	Hrs.	SPRING _____	Hrs.

*Please visit their websites for more information on deadlines and application requirements.*

## Quick Facts for Anesthesiologist Assistant:

- A Bachelor's degree is required
- Shadowing an AA is strongly recommended and many programs require at least 8 hours.
  - If you can't find an AA to shadow you can shadow an Anesthesiologist or Nurse Anesthetist. You can also contact the American Academy of Anesthesiologist Assistants in your state to ask for help finding shadowing
- Most programs require the MCAT or GRE
- Currently AA's may only practice in 22 states/jurisdictions. You should research the state you want to practice in to see if it is allowed

## **UNT Office of Health Professions**

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