

Planning to Attend Medical School?

Why not “fast forward” your medical career and pursue a degree in Cardiopulmonary Sciences?

Here are 10 reasons why you should.

1. You will have the privilege and opportunity to work in healthcare as an undergraduate.
2. As student in the Cardiorespiratory Care Program, you will have direct patient contact in the following clinical settings:
 - medical and surgical ICUs
 - neonatal and pediatric ICUs
 - operating room
 - diagnostic labs
 - hyperbaric chamber
 - emergency room
 - outpatient clinics
 - medical/surgical units
 - sleep labs
3. You will perform cardiopulmonary diagnostic procedures:
 - electrocardiography (ECGs)
 - sleep studies
 - pulmonary function studies
 - arterial blood gas analysis
 - chest x-ray evaluation
 - echocardiography
 - physical assessment of the chest
 - observation
 - palpation
 - percussion
 - auscultation
4. You will perform the following therapeutic procedures
 - mechanical ventilation
 - intubation/extubation
 - O₂ administration
 - aerosolized drug administration
 - lung hyperinflation therapy
 - bronchial hygiene techniques
 - pulmonary rehabilitation
 - basic life support (BLS)
 - advanced cardiac life support (ACLS)
 - arterial blood gas analysis
5. By working in patient care settings, you will interact with physicians, and in many situations, get to know them on a first-name basis. Such a relationship will be important when you apply to medical school because the physicians you will have come to know may be on the USA Medical School Admissions Committee. They may write letters of recommendation on your behalf to any medical school to which you apply. They know other physicians who are associated with other medical schools. The opportunity to establish relationships with physicians is invaluable.
6. Not all applicants to medical school are accepted. A degree in Cardiopulmonary Sciences is a functional degree with which to earn a significant income and to branch out into other medical fields if so desired.
7. After entering medical school with a B.S. degree in Cardiopulmonary Sciences, you will be well ahead of your fellow medical students academically and clinically. Most of them will not be involved with patient care until their sophomore year of medical school.
8. With a baccalaureate degree in Cardiopulmonary Sciences, you can work part-time on weekends, or other times, while attending medical school. Not only will you earn spending money, you will also be in a position to learn more in your chosen career.
9. You will likely be more goal-oriented in medical school after earning a B.S. degree in Cardiopulmonary Sciences because you will have seen first-hand how medical specialties function, e.g., pulmonologists, cardiologists, anesthesiologists, ER physicians, intensivists, and pediatricians.
10. You owe it to yourself to investigate and explore the potential that earning a BS degree in Cardiopulmonary Sciences holds for you as you pursue a career as a physician.