Courses Required for Admittance to Cardiovascular Perfusion School:
If you are interested in pursuing a career as a cardiovascular perfusionist you will need to complete the following courses before attending cardiovascular perfusion school.

Standard: Bio 111: Fdtns of Biology  
Bi 221: Genetics  
Chm 110: Fdtns of Chemistry  
Chm 115: Intro Kinetics & Thermo  
Chm 120: Organic Chemistry  
Phy 111: General Physics I  
Statistics (Mth 241 or major specific)

Anatomy and Physiology (3 Options):  
Bio 322 & 420: Human Phys & Comp Anat  
Bio 322 & 426: Human Phys & Human Anat  
Hsc 210 & 211: Anat & Phys I & II

Additional School Specific Courses:
Biochemistry (BIO 303, CHM 460, SCI 380)  
Microbiology (BIO 301)  
General Psychology (PSY 111)  
Sociology (SOC 101)

PROFESSION DESCRIPTION: A cardiovascular perfusionist operates extracorporeal circulation equipment during medical procedures in which it is necessary to support or temporarily replace the patient’s circulatory or respiratory function.

REQUIRED EXPERIENCE: Many cardiovascular perfusion programs require observation hours under the direction of a Certified Clinical Perfusionist prior to admission. In addition, some programs require multiple years of healthcare work experience in hospital settings where cardiovascular perfusion occurs, such as in the emergency room, the operating room, or in the intensive care unit of a hospital. Note that gaining work experience in these settings often requires additional training and certification.

ACCREDITED CARDIOVASCULAR PERFUSION PROGRAMS (15 SCHOOLS IN 13 STATES)

MIDWESTERN UNIV (AZ)  
U. ARIZONA (AZ)  
QUINNIPIAC UNV (CT)  
BARRY UNIV (FL)  
RUSH UNIV (IL)  
U. IOWA (IA)  
U. NEBRASKA (NE)  
NORTHSHORE UNIV (NY)  
SUNY UPSTATE (NY)  
CLEVELAND CLINIC (OH)  
U. PITTSBURGH (PA)  
M. UNIV. S. CAROLINA (SC)  
VANDERBILT UNIV (TN)  
TEXAS HEART INSTITUTE (TX)  
MILWAUKEE SCH ENG (WI)

(Further information can be found on the Commission on Accreditation of Allied Health Education Programs website: www.caahep.org)

CARDIOVASCULAR PERFUSION RELATED PROGRAMS AND OPPORTUNITIES:

1. **Alpha Epsilon Delta (AED) The National Pre-Health Honor Society**: Award winning chapter with a very active program and participation at the national level. AED runs Blood Drives & community outreach programs year round. This organization also runs monthly informational sessions on all aspects of health.

2. **Cardiovascular Perfusion Observations**: The pre-health experience coordinator (Susan Ybarra) coordinates observations and other experiences for students pursuing the cardiovascular perfusion profession.

3. **Heller Service Corps**: Student-run program providing volunteer positions in a variety of areas, including hospitals and free-medical clinics (www.hellerservicecorps.org).

GRADUATE RECORD EXAMINATION (GRE): The GRE is typically taken during the summer following the junior year or early in the fall semester of the senior year. No specific coursework is required prior to the test.