

Cardiovascular Perfusionist

This is an example 4-year plan for a health science major who aspires to go on to a **Cardiovascular Perfusion** graduate program and complete a **chemistry minor**. There are many possible variations. This is just one example. **Bolded classes are sequential and need to be taken in a particular order. Other classes can be easily interchanged in different terms.** **Yellow highlighted** classes are those that satisfy common prerequisites for Cardiovascular Perfusion school admission. However, every graduate program sets their own admission requirements; and requirements **vary WIDELY**. Students are responsible for knowing all the prerequisite requirements for programs to which they will apply.

Some Cardiovascular Perfusion programs require the GRE as part of their admission process. Many do not. Most require documentation related to shadowing cardiovascular perfusionists.

	Fall Semester	Spring Semester	Comments
1	BSHS 110 Intro to Healthcare <i>*fall or spring 1st yr*</i> CH 105 Gen Chem 1* FYS 101 First Year Seminar 1 SW 250 Intro Psychology MA 106 Calculus ** PCA Perspective in the creative arts core class BSHS 100 Explore*Prepare*Succeed (EPS) 1	BSHS 110 Intro to HC <i>*fall or spring 1st yr*</i> CH 106 Gen Chem 2* BI 210 Genetics FYS 102 First Year Seminar 2 TI Text and Ideas core class BSHS 105 EPS 2	At least 20 hours shadowing outside classroom also required
2	BI 220 Cell Bio CH 351 Organic Chemistry 1* BSHS 225 Interprofessional Health Education BSHS 230 Health System and Policy GHS Global and Historical Studies core class 1 BSHS 200 EPS 3	BI 325 Microbiology CH 352 Organic Chemistry 2* BSHS 290 Public Health BSHS 215 Medical Terminology GHS Global and Historical Studies core class 2 BSHS 205 EPS 4	Also gain HC experience outside classroom
3	BSHS 334 Anatomy & Physiology 1 w/lab BSHS 360 HC Ethics Second psychology or sociology course BSHS elective/minor course WB Wellbeing core class BSHS 300 EPS 5	BSHS 335 Anatomy & Physiology 2 w/lab CH 361 Intro to Biochemistry* BSHS 340 Healthcare Communication BSHS 350 Health Disparities BSHS 305 EPS 6	Start applying to grad schools summer after junior year
4	PH 107 Physics BSHS 430 Healthcare Quality & Improvement BSHS 450 Healthcare Biostats CH 408 Chemistry in our Lives* BSHS elective/minor class BSHS 400 EPS 7	BSHS 460 Evidence Based Healthcare BSHS 470 Intro to Pharmacology BSHS Electives/other classes as needed BSHS 405 EPS 8	Must have at least 200 hours of HC experience outside of classroom completed prior to graduation

*Courses that satisfy the chemistry minor

** Math prerequisites vary by graduate program. The combo of MA 106 and BSHS 450 should meet/exceed most.