

Cardiopulmonary Science Concentration Suggested Course Sequence

Freshman Year

First Semester

- ENGL 1010 - Critical Reading and Expository Writing (3 credits)
- Mathematics (3-4 credits)
- HSCI 2010 - Anatomy and Physiology I (4 credits)
- HSCI 2011 - Anatomy and Physiology Laboratory I (0 credit)
- PSYC 1310 – Introduction to Psychology (3 credits)

Semester Total: 13-14 Credit Hours

Second Semester

- ENGL 1020 - Critical Thinking and Argumentation (3 credits)
- HSCI 2020 - Anatomy and Physiology II (4 credits)
- HSCI 2021 - Anatomy and Physiology Laboratory II (0 credit)
- Oral Communication Elective (3 credits)
- Social /Behavioral Sciences Elective (3 credits)

Semester Total: 13 Credit Hours

Sophomore Year

First Semester

- HIST 2010 - The United States to 1877 (3 credits)
- HSCI 2230 - Introduction to Microbiology (4 credits)
- HSCI 2231 - Introduction to Microbiology Laboratory (0 credit)
- CHEM 1030 - Introduction to Chemistry Survey (4 credits)
- ALHE 2010 - Introduction to Allied Health (2 credits)
- Literature Elective (3 credits)

Semester Total: 16 Credit Hours

Second Semester

- HIST 2020 - The United States since 1877 (3 credits)
- ALHE 2020 - Patient Care and Assessment (3 credits)
- PHYS 1030 - Introduction to Physics Survey (4 credits)
- Humanities Elective (3 credits)
- Fine Arts Elective (3 credits)

Semester Total: 16 Credit Hours

Junior Year

First Semester

- CPSC 3000 - Foundations of Cardiopulmonary Science (4 credits)
- CPSC 3010 - Foundations of Cardiopulmonary Science Lab (3 credits)
- CPSC 3040 - Pharmacology in Cardiopulmonary Science (3 credits)
- ALHE 4030 – Professional Issues in Allied Health (3 credits)

Semester Total: 13 Credit Hours

Second Semester

- CPSC 3100 - Cardiopulmonary Critical Care (3 credits)
- CPSC 3110 - Cardiopulmonary Critical Care Lab (3 credits)
- CPSC 3150 - Clinical Education I (3 credits)
- ALHE 4100 – Information Management in Allied Health (3 credits)

Semester Total: 12 Credit Hours

Summer

- CPSC 3140 - Cardiopulmonary Disease Pathology (3 credits)
- CPSC 3350 - Clinical Education II (4 credits)
- CPSC 3550 - Patient Centered Practice (3 credits)

Semester Total: 10 Credit Hours

Senior Year

First Semester

- CPSC 4100 - Advanced Cardiopulmonary Critical Care (3 credits)
- CPSC 4150 - Clinical Education III (3 credits)
- CPSC 4500 - Cardiopulmonary Diagnostic and Therapeutic Care (3 credits)
- ALHE 4060 - Research in Allied Health (3 credits)
- ALHE 3040 – Inter-professional Teams (3 credits)

Semester Total: 15 Credit Hours

Second Semester

- CPSC 4200 - Neonatal and Pediatric Cardiopulmonary Care (3 credits)
- CPSC 4350 - Clinical Education IV (3 credits)
- ALHE 4070 - Leadership in Allied Health (3 credits)
- COBH 4607 - Gerontology and Health (3 credits)

Semester Total: 12 Credit Hours

Total: 120 Credit Hours