

Perfusion Technology, Certificate

Requirements

The undergraduate Certificate in Perfusion Technology requires 68 s.h. of credit. Students must maintain a grade-point average of at least 2.00 in work for the certificate. The certificate is a 21-month program that spans over five semesters. The program is accredited by the Commission on Accreditation of Allied Health Education Programs upon the recommendation of the Accreditation Committee for Perfusion Education (AC-PE). Students are awarded the certificate upon successful completion of the program, making them eligible to take the American Board of Cardiovascular Perfusion certification exam.

Programs designed to lead to professional licensure are subject to federal regulations regarding informational disclosures. Please see Professional Licensure Disclosures by Program for further information.

Three to five students are accepted annually and begin the program in the fall semester. During the first two semesters of the program, students pursue a core curriculum that provides a solid scientific base while the second year (three semesters) is reserved for the completion of an independent research project, clinical training in the operation of the heart-lung machine, and learning ancillary procedures such as blood salvaging, circulatory support, and artificial hearts.

The Certificate in Perfusion Technology requires the following coursework.

| Course # | Title | Hours |
|--------------------|--|-----------|
| PERF:4161 | Instrumentation in Perfusion Technology | 3 |
| PERF:4162 | Pathophysiology of Perfusion Technology | 5 |
| PERF:4163 | Clinical Experience I | 2 |
| PERF:4164 | Clinical Experience II | 3 |
| PERF:4165 | Clinical Experience III | 12 |
| PERF:4166 | Clinical Experience IV | 12 |
| PERF:4169 | Clinical Experience V | 12 |
| PERF:4167 | Perfusion Seminar (taken five times for 1 s.h. each) | 5 |
| PERF:4168 | Research in Perfusion (taken five times for 1 s.h. each) | 5 |
| PERF:4170 | Principle and Practice of Perfusion Technology | 6 |
| PERF:4171 | Devices in Perfusion Technology | 3 |
| Total Hours | | 68 |