

Emergency Medicine and Critical Care Pharmacotherapy, Professional Certificate

Requirements

The professional Certificate in Emergency Medicine and Critical Care Pharmacotherapy requires at least 14 s.h. of credit.

The certificate provides an intensive, structured learning experience for students with an interest in careers in emergency medicine, toxicology, or critical care. Students who complete the certificate will possess the knowledge, skills, and attitudes to serve patients with a wide spectrum of disease states that present to the emergency department and intensive care unit. The program meets the educational needs of pharmacy students who are looking to advance their understanding of emergency medicine and critical care pharmacotherapy, and it provides the advanced knowledge necessary for postgraduate training in emergency medicine, toxicology, and critical care.

Required Courses

The Certificate in Emergency Medicine and Critical Care Pharmacotherapy requires the following coursework. When students enroll in PHAR:9450 Elective: Patient Care Rotation, they must focus on emergency medicine, critical care (cardiovascular, medical, surgical, or burn), or toxicology (poison center or toxicology consult service).

| Course # | Title | Hours |
|------------------------|---|-------|
| All of these: | | |
| PHAR:8517 | Fundamentals of Clinical Pharmacy for the Critically Ill | 2 |
| PHAR:8718 | Special Topics in Acute Care | 2 |
| PHAR:8794 | Emergency Medicine | 2 |
| PHAR:9450 | Elective: Patient Care Rotation | 6 |
| At least one of these: | | |
| PHAR:8505 | Advanced Topics in Infectious Disease, HIV, and Antimicrobial Therapy | 2 |
| PHAR:8514 | Clinical Toxicology | 2 |
| EPID:5500 | Introduction to Clinical Epidemiology | 3 |