

Emergency Medicine and Critical Care Pharmacotherapy, Professional Certificate

Requirements

The professional Certificate in Emergency Medicine and Critical Care Pharmacotherapy requires at least 13 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.

The Certificate in Emergency Medicine and Critical Care Pharmacotherapy requires the following coursework. When students enroll in PHAR:9450 Elective: Patient Care Rotation, they may 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:8513	Advanced Literature Analysis and Evaluation	1
PHAR:8514	Clinical Toxicology	2
EPID:5500	Introduction to Clinical Epidemiology	3