

Clinical Biochemistry, Academic Certificate

This academic certificate requires a minimum of 12 semester credit hours.

The graduate Clinical Biochemistry Transcribed Certificate is a 12-hour program open to all majors and professionals. This certificate provides students with the necessary skills to apply medical biochemistry and biochemical analysis effectively in clinical diagnostics, biotechnology, and laboratory sciences.

To qualify for the certificate, students must complete two required core courses and two electives. The electives may be taken as either two lecture courses or as one lecture course and one research course. Substitution within the Biochemistry core may be allowed with advisor and School Director approval.

Code	Title	Semester Credit Hours
Required Coursework		
CHEM 5345	Medical Biochemistry	3
CHEM 5308	Chem/Biochem Analysis	3
Electives		6
CHEM 5341	Biochem Analysis of Proteins	
CHEM 5342	Biochem Analysis of Gene Ex	
CHEM 5323	Advanced Organic Chemistry	
CHEM 5365	Graduate Research	
CHEM 5305	Project Research	
CHEM 5306	Thesis Research	
Total Semester Credit Hours		12

Prerequisites for various courses must be met or waived on approval of the instructor. Students should consult the course instructor or the Graduate Coordinator for information and advising concerning prerequisites.