

# CLINICAL CHEMISTRY (GRADUATE CERTIFICATE)

---

## Contacts

**Program Director:** Valerie Jalicke, MS, MLS(ASCP)CM

**Email:** Valerie.Jalicke@jefferson.edu

215-503-2792

**Campus:** Center City

Program Website (<https://www.jefferson.edu/academics/colleges-schools-institutes/health-professions/departments-programs/medical-laboratory-biotechnology/degrees-programs/graduate-certificates/clinical-chemistry.html>)

## Program Description

- Online & On-Campus option

Clinical chemists analyze blood and body fluids to determine their biochemical parameters and the physiological health of the patient. Clinical chemists use the latest technology to measure enzyme activity, blood gas saturation, drug and glucose concentrations and other biochemical reactions.

## On Campus: 12.5 Credits

Code	Title	Credits
MLS 523	Clinical Chemistry I	3.5
MLS 524	Clinical Chemistry II	3
LS 610	Reg & Fis Issues in Lab. Mgmt	3
MLS 812	Med Lab Sci Practicum I	3
<b>Total Credits</b>		<b>12.5</b>

## Online: 9 Credits

Code	Title	Credits
MLSO 523	Clinical Chemistry I	2.5
MLSO 524	Clinical Chemistry II	2.5
MLSO 610	Reg & Fiscal Issues Lab Mgmt	3
MLSO 812	Med Lab Sci Comp - Chemistry	1
<b>Total Credits</b>		<b>9</b>