

CYTOTECHNOLOGY & CELL SCIENCES (BS/MS)

Contacts

Program Director: Kelly Lennen, MS, CT (ASCP)

Email: Kelly.Lennen@jefferson.edu

215-503-2806

Campus: Center City

Program Website (<https://www.jefferson.edu/academics/colleges-schools-institutes/health-professions/departments-programs/medical-laboratory-biotechnology/degrees-programs/bs-programs/cytotechnology-cell.html>)

Curriculum: 2 Years, 69.5-72.5

- Credits Required for Admissions: 82

Course	Title	Credits
First Year		
Fall		
Undergraduate Phase		
LS 301	Molecular Biology	3
LS 311	Functional Histology	2.5
CT 301	Principles of Cell Analysis	2
CT 311	Cytopathology I	5
CT 312	Cytopathology I Laboratory	3.5
LS 331	Immunology	3
Designated Electives		3
Credits		22
Spring		
LS 540	Current Resrch in Biosciences	3
LS 310	Intro to Molecular Diagnostics	2
CT 310	Cyto&Surg Pathology Techniques	2
CT 315	Cytopathology II	5
CT 317	Cytopathology III	5.5
Credits		17.5
Second Year		
Fall		
GRADUATE PHASE		
LS 603	Research Design	2
LS 640	Methods in Bioscience Edu	3
CT 812	Cytotechnology Practicum I	3
CT 813	Cytotechnology Practicum II	3
Select one of the following:		1-4
LS 644	Laboratory Ed and Instruction (requires program approval)	
Credits		12-15
Spring		
LS 610	Reg & Fis Issues in Lab. Mgmt	3
LS 613	Pathology	2
LS 803	Contemporary Topics Research	2
CT 814	Cytotechnology Practicum III	3
CT 525	CellularMolecular&ImmunoDiagno	3
CT 815	Cytotechnology Practicum IV	3
CT 816	Comprehensive Exam	0
CT 575	Cytotechnology Seminar	2
Credits		18
Total Credits		69.5-72.5