

CERTIFICATE IN REGULATORY SCIENCE

Curriculum

Code	Title	Credit Hours
Required courses		(10-12)
CHEM 518	Understanding the International Conference on Harmonization Guidelines	3
CHEM 519	Good Manufacturing Practices	3
Select four to six credit hours from the designated regulatory science electives		4-6
Total Credit Hours		10-12

Regulatory Science Electives

Code	Title	Credit Hours
BIOL 410	Medical Microbiology	3
BIOL 445	Cell Biology	3
BIOL 503	Virology	3
BIOL 504	Biochemistry	3
BIOL 512	Advanced Biochemistry	3
BIOL 514	Toxicology	3
BIOL 515	Molecular Biology	3
BIOL 526	Developmental Biology	3
BIOL 527	Immunology and Immunochemistry	3
BIOL 530	Human Physiology	3
BIOL 542	Advanced Microbiology	3
BIOL 544	Molecular Biology of Cells	3
BIOL 545	Advanced Cell Biology	3
BIOL 550	Bioinformatics	3
BIOL 555	Macromolecular Structure	3
BIOL 562	Current Topics in Functional Genomics	3
CHEM 500	Advanced Analytical Chemistry	3
CHEM 505	Spectroscopic Methods I	3
CHEM 508	Analytical Methods Development	2
CHEM 700	Practical Laboratory for Analytical Chemistry	2
CHEM 509	Physical Methods of Characterization	3
CHEM 512	Spectroscopic Methods II	2
CHEM 515	Gas Chromatography -- Theory and Practice	3
CHEM 516	Liquid Chromatography -- Theory and Practice	3
CHEM 524	Synthesis and Intellectual Property Management	2
CHEM 542	Polymer Characterization and Analysis	3
CHEM 543	Analytical Chemistry in Pharmaceutical Laboratories	2
CHEM 544	Colloids and Colloid Analysis	2