

BS/MS in Cytotechnology and Molecular Cytology

X	#	Course name	cr		X	#	Course name	cr
	BIO 101	General Biology I	4			BIO 102	General Biology II	4
	CHE 101	General Chemistry I	4			CHE 102	General Chemistry II	4
	HUM101	Pre-Modern World	3			HUM102	Modern World	3
	COM115	Principles of Communication	3			MAT145	Elementary Statistics	3
	PSY101	General Psychology	3				Elective	3
		Total	17				Total	17

X	#	Course name	cr		X	#	Course name	cr
	HUM201	Contemporary World	3			BIO 235/236	Cell Biology with lab	4
	BHS201	Medical Terminology	3			CHE245	Survey of Organic Chemistry	4
	BIO 213	Anatomy & Physiology I Lecture	3			BHS230	Sophomore Seminar in Biomedical Technology	3
	BIO 214	Anatomy & Physiology I Lab	1			BIO 215	Anatomy & Physiology II Lecture	3
		Directed Elective	3			BIO 216	Anatomy & Physiology II Lab	1
		Elective	3					
		Total	16				Total	15

X	#	Course name	cr		X	#	Course name	cr
	BHS360	Clinical Anatomy	3			BHS450	Senior Seminar in Biomedical Technology	3
	CHE311/312	Biochemistry	4			BHS365	Intro to Human Pathology	3
	SOC325	Medical Sociology	3				Directed Electives	9
	ETH310	Bioethics	3					
		Directed Elective	3					
		Total	16				Total	15

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YEAR 4 FALL			YEAR 5 SPRING		
Code	Course Name	Credits	Code	Course Name	Credits
CYT 610	Cytopathology of Female Genital Tract	4	CYT 630	Exfoliative Non-Gynecologic Cytopathology II	2
CYT 620	Exfoliative Non-Gynecologic Cytopathology I	2	CYT 650	Cytopreparatory Techniques II	1
CYT 640	Cytopreparatory Techniques I	1	CYT 660	Fine Needle Aspiration Cytology I	3
BHS 610	Cellular Pathophysiology and Histology I	3	BHS 620	Cellular Pathophysiology and Histology II	3
BHS730	Advanced Good Laboratory Practices/Lab Management	3	BHS 745	Molecular Diagnostics	3
BHS 740	Genetics and Molecular Basis of Disease	4	BHS 765	Grand Rounds in Pathology	1
ETH 610	Ethics in Research	1	BIO 650	Research Design	2
PSC 672	Experimental Design and Data Analysis	2			
Total Credits		20	Total Credits		15
SUMMER SESSION 1			SUMMER SESSION 2		
CYT 670	Fine Needle Aspiration Cytology II	3	CYT 770	Clinical Practicum I	3
BHS 750	Flow Cytometry	3	BHS 760	Advanced Topics in Biotechnology- Student's FNA Portfolio	3
BHS 755	In Situ Hybridization-Principle, protocol and applications	2			
Total Credits		8	Total Credits		6
YEAR 2 FALL					
Code	Course Name	Credits			
CYT 780	Clinical Practicum II	6			
BHS 790	Capstone Project	3			
Total Credits		9			