

BS/MS in Clinical Laboratory Sciences

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

BS/MS in Clinical Laboratory Sciences

G1

X	#	Course name	cr	X	#	Course name	cr
	CLS610	Clinical Microbiology I	4		CLS620	Clinical Microbiology II	4
	CLS650	Clinical Hematology	4		CLS640	Clinical Chemistry	4
	CLS655	Urinalysis and Body Fluids	2		CLS660	Immunohematology	4
	PSC 672	Experimental Design and Data Analysis	2		CLS630	Clinical Immunology	4
	ETH 610	Ethics in Research	1		BIO 650	Research Design	2
		Total	13			Total	18

G2

X	#	Course name	cr	X	#	Course name	cr
	CLS770	Clinical Practicum I	9		CLS780	Clinical Practicum II	9
	BHS 740	Genetics and Molecular Basis of Disease	4		CLS760	Clinical Correlations	3
	BHS 730	Advanced Good Laboratory Practices/Laboratory Management	3		BHS 745	Molecular Diagnostics	3
					BHS 790	Capstone	3
		Total	16			Total	18