



Albany College of Pharmacy
AND HEALTH SCIENCES

BS in Biomedical Technology/MS in Clinical Laboratory Sciences Dual Degree Curriculum

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
	COM115	Principles of Communication	3			MAT145	Elementary Statistics	3
	PSY101	General Psychology	3				Elective	3
	HUM115	Voice and Identity	3				Humanities Methods and Approaches Selective*	3
		Total	17				Total	17

X	#	Course name	cr		X	#	Course name	cr
	BHS201	Medical Terminology	3			BIO 235/236	Cell Biology with lab	4
	BIO 213	Anatomy & Physiology I Lecture	3			CHE245	Survey of Organic Chemistry	4
	BIO 214	Anatomy & Physiology I Lab	1			BHS230	Sophomore Seminar in Biomedical Technology	3
	BIO 225	Genetics	3			BIO 215	Anatomy & Physiology II Lecture	3
		Directed Elective-SOC	3			BIO 216	Anatomy & Physiology II Lab	1
		Science and Health Through Humanities Lenses Selective**	3					
		Total	16				Total	15

X	#	Course name	cr		X	#	Course name	cr
	CHE311	Biochemistry	3			BHS450	Senior Seminar in Biomedical Technology	3
	CLS 348	Clinical Biochemical Techniques	1			BHS365	Directed Elective-Intro to Human Pathology	3
	BHS360	Clinical Anatomy	3				Directed Elective	3
	BHS 410	Clinical Correlations for Health Care Professionals	3				Directed Elective	3
	ETH310	Bioethics	3				Directed Elective	3
		Directed Elective	3					
		Total	16				Total	15

***Humanities Methods and Approaches Selective**

ART 105 Introduction to Drawing (3)
 HIS 141 Modern American History (3)
 LIT 2XX African Literature, Film, and Music (3)
 PHI 250 Religion as the Search for Meaning (3)

****Science and Health Through Humanities Lenses Selective**

HUM 220 Medical Humanities (3)
 LIT 220 Suicide and/as Literature: East-West (3)
 PHI 280 The Philosophy and Practice of Yoga (3)

Graduate Year 1 (G1)

X	#	Course name	cr		X	#	Course name	cr
	CLS610	Clinical Microbiology I	4			CLS620	Clinical Microbiology II	4
	CLS650	Clinical Hematology and Hemostasis	4			CLS640	Clinical Chemistry	4
	CLS655	Urinalysis and Body Fluids	2			CLS660	Immunohematology	4
	PSC672	Experimental Design and Data Analysis	2			CLS630	Clinical Immunology	4
	ETH610	Ethics in Research	1			BIO650	Research Design	2
		Total	13				Total	18

Graduate Year 2 (G2)

X	#	Course name	cr		X	#	Course name	cr
	CLS770	Clinical Practicum I	9			CLS780	Clinical Practicum II	9
	BHS745	Molecular Diagnostics w/lab	4			CLS760	Clinical Correlations	3
	BHS730	Advanced Good Laboratory Practices/Laboratory Management	3			BHS740	Genetics and Molecular Basis of Disease	3
						BHS790	Capstone	3
		Total	16				Total	18