

BIOMEDICAL SCIENCES APPROVED ELECTIVES

44 credits required; minimum 20 credits must be upper division (400+ level). All other courses MUST be preapproved.

F	W	S	Course#	Course Title	Cr	E	F	G	M	N	P	F	W	S	Course#	Course Title	Cr	E	F	G	M	N	P
✓	✓	✓	0620-300	Sports Nutrition	4	↑								✓	1008-312	Analytical Chemistry: Separations	3		↑				
✓	✓	✓	1001-312	Immunology	3		↑	↑	↑	↑	↑	✓	✓		1008-318	Instrumental Analysis Lab	1		↑				
	✓		1001-314	Tissue Culture	5						↑			✓	1008-319	Separations Lab	1		↑				
		✓	1001-315	Hybridoma Techniques	2						↑	✓	✓	✓	1009-502	Biochemistry: Conformation & Dynamics	3		↑		↑	↑	
✓			1001-365	Evolutionary Biology	4	↑	↑		↑		↑	✓	✓	✓	1009-503	Biochemistry: Metabolism	3		↑	↑	↑	↑	↑
		✓	1001-370	Biological Writing	3	↑	↑	↑	↑	↑	↑	✓	✓	✓	1009-504	Biochemistry: Nucleic Acids	3		↑	↑			↑
	✓		1001-395	Ethical Issues in Medicine & Biology	3		↑	↑	↑	↑	↑	✓	✓		1009-505	Biochemistry: Experimental Techniques	2		↑				
✓			1001-403	Cell Physiology	4				↑	↑	↑			✓	1023-705	Mechanisms of Disease	4	↑	↑	↑	↑		↑
✓		✓	1001-404	Intro Microbiology	4		↑		↑		↑		✓		1023-726	Good Clinical Practices	4				↑		
✓			1001-405	Plant Medicine & Technology	4		↑		↑					✓	1024-433	Basic Clinical Chemistry	4	↑			↑		↑
	✓	✓	1001-406	Virology	4				↑		↑	✓	✓	✓	1026-301	Medical Terminology	3		↑	↑	↑		↑
		✓	1001-411	Histology	4		↑		↑		↑	✓	✓	✓	1026-305	Sports Physiology & Life Fitness	4	↑			↑		
✓		✓	1001-412	Parisitology	3		↑	↑	↑		↑	✓			1026-306	Fitness Prescription Programming	4	↑			↑		
✓	✓	✓	1001-421	Genetics	4		↑	↑	↑	↑	↑			✓	1026-307	Exercise Prescription	4	↑			↑		
	✓		1001-422	Developmental Biology	4			↑	↑	↑	↑		✓	✓	1026-333	Patient Care	2	↑			↑		↑
✓		✓	1001-425	Endocrinology	4				↑	↑	↑			✓	1026-353	New Medical Technologies	1		↑		↑		↑
✓			1001-427	Microbial & Viral Genetics	4		↑		↑		↑	✓		✓	1026-359	ST: History of Medicine	4		↑	↑	↑	↑	↑
		✓	1001-450	Genetic Engineering	5		↑	↑						✓	1026-415	Medical Pathophysiology	4			↑	↑		↑
	✓		1001-451	Intro Infectious Diseases	4		↑	↑	↑		↑			✓	1026-420	Intro Neuroscience	4				↑	↑	↑
		✓	1001-459	ST: Genetic Case Studies	2		↑	↑	↑	↑	↑			✓	1026-459	ST: Epidemiology & Public Health	3		↑	↑	↑	↑	↑
		✓	1001-459	ST: Human Genetics	3		↑	↑	↑	↑	↑	✓			1026-459	ST: Case Studies in Medical Ethics	4				↑		
✓			1001-459	ST: Forensic Biology	4		↑				↑	✓			1026-459	ST: Case Studies Human Physiology & Med	4				↑		
		✓	1001-460	Basic Pathology	4			↑	↑		↑	✓			1026-459	ST: Croatian Culture & Healthcare Delivery	4				↑		
		✓	1001-462	Human Gross Anatomy	5	↑	↑		↑	↑	↑		✓		1026-501	Medical Botany	3				↑		
✓	✓	✓	1001-48x	Independent Research (Bio Sci)	v		↑		↑			✓	✓	✓	1026-54x	Biomedical Science Research	v	↑	↑	↑	↑	↑	
✓			1001-492	Genomics	4		↑	↑				✓		✓	1026-559	ST: Introduction to Pharmacology	2				↑	↑	↑
✓	✓		1001-493	Bioinformatics	4		↑					✓			1026-559	ST: Kinesiology	4	↑			↑		↑
		✓	1001-502	Advanced Immunology	4				↑		↑	✓			1026-559	ST: Excerise Science I	4	↑			↑		
✓			1001-525	Eukaryotic Gene Regulation and Disease	4				↑					✓	1026-559	ST: Excerise Science II	4	↑			↑		
✓			1001-555	Modeling Population Genetics	4		↑	↑				✓			1026-559	ST: Strength Training	4	↑			↑		
	✓		1001-559	ST: Intro Genetic Counseling	2			↑						✓	1026-559	ST: Training High-Performance Athletes	4	↑			↑		
	✓		1001-559	ST: Population Genetics	3		↑	↑						✓	1026-559	ST: Prevention & Treatment Athletic Injuries	4	↑			↑		
✓	✓	✓	1001-57x	Research Scholars	v	↑	↑	↑	↑	↑	↑	✓	✓	✓	1026-599	Independent Study (Med Sci)	v	↑	↑	↑	↑	↑	
✓	✓	✓	1001-599	Independent Study (Bio Sci)	v	↑	↑	↑	↑	↑	↑		✓		1032-330	Law & Medicine	2	↑			↑		↑
		✓	1001-715	Genetic Disease Disorder	3			↑			↑			✓	1032-406	Medical Microbiology	4		↑		↑		
✓			1004-315	Medical Genetics	2	↑	↑	↑	↑		↑	✓	✓		1040-350	Premedical Studies	1				↑		↑
✓	✓		1008-311	Analytical Chemistry: Instrumental Analysis	3		↑							✓	1055-304	Science of Forensics	3		↑				↑

* E = Exercise * F = Forensic * G = Genetics * M = Premedical * N = Neuroscience * P = Pathology *