

		!	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
FIRST YEAR	FALL		3	ENGL 1301	Rhetoric and Composition I	C	010	Satisfactory scores on English portion of ACT test and TSI		
			3	CHEM 1311	General Chemistry I	C	030	MATH 1314, MATH 1414, MATH 1342, MATH 1343, MATH		
			1	CHEM 1111	General Chemistry I Lab	C	090	Credit/Registration in CHEM 1311		
			1	BMED 1101	Introductory Medical Biochemistry	C			Mission 1	
			1	BMED 1103	Introductory Cell Biology	C			Mission 2	
			1	BMED 1104	Introductory Molecular Biology	C			Mission 1	
			1	BMED 2102	Molecules, Cells and Tissues	C			Mission 2	
		1	BMED 1102	Introduction to Biomedical Laboratory I	C					
					UNIV 1301	Learning Framework			Only if required, based on ACT/SAT and High	
	12 Semester Total Hours									
	SPRING		3	ENGL 1302	Rhetoric And Composition II	C	010	A grade of 'C' or better in ENGL 1301 or ENGL 1387.		
			3	CHEM 1312	General Chemistry II	C	030	CHEM 1311.		
			1	CHEM 1112	General Chemistry II Lab	C	090	Credit/registration in CHEM 1312.		
			3	SPAN X3XX	Spanish Elective					
		1	BMED 1105	Introductory Medical Genetics	C			Mission 3		
		1	BMED 1106	Introductory Medical Microbiology	C			Mission 4		
		1	BMED 1107	Introductory Immunology	C			Mission 4		
	1	BMED 1109	Evolutionary Medicine	C			Mission 3			
				BMED 2103	Legal Medicine and Ethics	C				
14 Semester Total Hours										
SECOND YEAR	FALL		3	CHEM 2323	Organic Chemistry I	C				
			1	CHEM 2123	Organic Chemistry I Lab	C		Credit/registration in CHEM 2323.		
			3	XXXX X3XX	Creative Arts				PHIL 1330 Strongly Recommended	
			1	BMED 1108	Introductory Medical Neuroscience	C			Mission 5	
			1	BMED 3104	Integrated Body Systems I:	C			Mission 5	
			1	BMED 3108	Integrated Body Systems V:	C			Mission 5	
			1	BMED 1110	Introductory Medical Physiology	C			Mission 7	
			1	BMED 2101	Gross Anatomy	C			Mission 7-Stretched over 1 year term	
		1	BMED 1111	Introduction to Biomedical II Lab	C			Stretched over 1 year term		
		1	BMED 3121	Independent Research I	C					
	14 Semester Total Hours									
	SPRING		3	CHEM 2325	Organic Chemistry II	C				
			1	CHEM 2125	Organic Chemistry II Lab	C		Credit/Registration in CHEM 2325		
			3	MATH 1342	Elementary Statistical Methods	C	020	College Ready TSI status in Mathematics.		
			3	PSYC 2301	General Psychology		080			
			3	XXXX X3XX	Language, Philosophy & Culture		040		ENGL 2331 Strongly Recommended	
		1	BMED 3105	Integrated Body Systems II: Gastrointest	C			Mission 6		
		1	BMED 3106	Integrated Body Systems III: Renal, Fluid	C			Mission 6		
		1	BMED 3107	Integrated Body Systems IV:Endocrine a	C			Mission 6		
	1	BMED 3122	Independent Research II	C						
16 Semester Total Hours										

Symbols Key

General Education Core (GEC) Sections: 010 - Communication; 020 - Mathematics; 030 - Life and Physical Sciences; 040 - Language, Philosophy & Culture; 050 - Creative Arts; 060 - American History; 070 - Government/Political Science; 080 - Social and Behavioral Sciences; 090 - Computer Application; 090 - Interdisciplinary ;090 - Science

Language Proficiency Requirement: Student is required to demonstrate language proficiency in a language other than English at the undergraduate level equivalent to a minimum of six credits.

		I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
THIRD YEAR	FALL	3		HIST 1301	U.S. History I		060			
		4		PHYS 1401	General Physics I		030	MATH 1414 or MATH 1314.		
		1		BMED 3102	Neurochemistry		C		Mission 8	
		2		BMED 4280	Advanced Medical Neuroscience		C		Mission 8	
		1		BMED 3103	Human Behavior		C		Mission 9	
	2		BMED 3223	Independent Research III		C				
	4		MATH 2413	Calculus I		C	020	MATH 2412 with a grade of 'C' or better; or passing the		
	17 Semester Total Hours									
	SPRING	3		HIST 1302	U.S. History II			060		
		4		PHYS 1402	General Physics II			030	PHYS 1401.	
3			BMED 4310	Medical Biochemistry		C			Mission 10	
2			BMED 4250	Advanced Cell Biology		C			Mission 11	
2			BMED 4260	Advanced Molecular Biology		C			Mission 11	
2			BMED 3224	Independent Research IV		C				
3		XXXX 33XX-43XX	Advanced Elective					See Degree Plan for course options.		
19 Semester Total Hours										
FOURTH YEAR	FALL	I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
		3		POLS 2305	U.S. Federal Government & Politics			070		
		3		MATH 3331	Applied Statistics I		C		MATH 2413 (or MATH 2487) with a grade of 'C' or better.	
		2		BMED 4240	Medical Microbiology		C			Mission 15
		2		BMED 4290	Medical Immunology		C			Mission 15
		2		BMED 4220	Medical Bioinformatics, Genomics, and		C			Mission 16
		2		BMED 4230	Human Genetics and Medical Genomics		C			Mission 16
	14 Semester Total Hours									
	SPRING	3		POLS 2306	Texas Government & Politics			070		
		3		XXXX X3XX	Integrative and Experiential Learning			090		See General Education Core for course options.
		1		XXXX XXXX	Integrative and Experiential Learning			090		See General Education Core for course options.
		2		BMED 4295	Pathophysiology		C			Mission 12
		1		BMED 3101	Pathobiology and Host Defense		C			Mission 12
1			BMED 3109	Medical Syndromes		C			Mission 13	
2		BMED 4270	Introduction to Complementary and		C			Mission 14		
13 Semester Total Hours										

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120 TOTAL HOURS
(42) TOTAL ADVANCED HOURS

Approved: Wednesday, September 14, 2016
Revised: Friday, September 30, 2016

		!	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
FIRST YEAR	FALL		3	ENGL 1301	Rhetoric and Composition I	C	010	Satisfactory scores on English portion of ACT test and TSI		
			3	CHEM 1311	General Chemistry I	C	030	MATH 1314, MATH 1414, MATH 1342, MATH 1343, MATH		
			1	CHEM 1111	General Chemistry I Lab	C	090	Credit/Registration in CHEM 1311		
			1	BMED 1101	Introductory Medical Biochemistry	C			Mission 1	
			1	BMED 1102	Introduction to Biomedical Laboratory I	C				
			1	BMED 1103	Introductory Cell Biology	C	####		Mission 2	
			1	BMED 1104	Introductory Molecular Biology	C			Mission 1	
			1	BMED 1105	Introductory Medical Genetics	C			Mission 3	
		1	BMED 1106	Introductory Medical Microbiology	C			Mission 4		
		1	BMED 1107	Introductory Immunology	C			Mission 4		
		1	BMED 1109	Evolutionary Medicine	C			Mission 3		
		1	BMED 2102	Molecules, Cells and Tissues	C			Mission 2		
				UNIV 1301	Learning Framework				Only if required based on ACT/SAT and High	
			16 Semester Total Hours							
	SPRING			3	ENGL 1302	Rhetoric And Composition II	C	010	A grade of 'C' or better in ENGL 1301 or ENGL 1387.	
				3	CHEM 1312	General Chemistry II	C	030	CHEM 1311.	
			1	CHEM 1112	General Chemistry II Lab	C	090	Credit/registration in CHEM 1312.		
			3	SPAN X3XX	Spanish Elective					
			1	BMED 3104	Integrated Body Systems I: Cardiovascu	C			Mission 5	
			1	BMED 3105	Integrated Body Systems II: Gastrointest	C			Mission 6	
			1	BMED 3106	Integrated Body Systems III: Renal, Fluid	C			Mission 6	
			1	BMED 3107	Integrated Body Systems IV:Endocrine a	C			Mission 6	
			1	BMED 3108	Integrated Body Systems V: Dermatolog	C			Mission 5	
			1	BMED 1108	Introductory Medical Neuroscience	C			Mission 5	
			1	BMED 1110	Introductory Medical Physiology	C			Mission 7	
			1	BMED 2101	Gross Anatomy	C			Mission 7	
		1	BMED 1111	Introduction to Biomedical II Lab	C					
		19 Semester Total Hours								
SECOND YEAR	FALL		3	CHEM 2323	Organic Chemistry I	C				
			1	CHEM 2123	Organic Chemistry I Lab			Credit/registration in CHEM 2323.		
			3	PSYC 2301	General Psychology		080			
			4	PHYS 1401	General Physics I		030	MATH 1414 or MATH 1314.		
			3	MATH 1342	Elementary Statistical Methods		020	College Ready TSI status in Mathematics.		
			1	BMED 3102	Neurochemistry	C			Mission 8	
			2	BMED 4280	Advanced Medical Neuroscience	C			Mission 8	
			1	BMED 3103	Human Behavior	C			Mission 9	
		1	BMED 3121	Independent Research I	C					
				BMED 2103	Legal Medicine and Ethics	C				
			19 Semester Total Hours							
	SPRING			3	CHEM 2325	Organic Chemistry II				
				1	CHEM 2125	Organic Chemistry II Lab			Credit/Registration in CHEM 2325	
				4	PHYS 1402	General Physics II		030	PHYS 1401.	
				4	MATH 2413	Calculus I		020	MATH 2412 with a grade of 'C' or better; or passing the	
				3	BMED 4310	Medical Biochemistry	C			Mission 10
			2	BMED 4250	Advanced Cell Biology	C			Mission 11	
			2	BMED 4260	Advanced Molecular Biology	C			Mission 11	
			2	BMED 4295	Pathophysiology	C			Mission 12	
		1	BMED 3101	Pathobiology and Host Defense	C			Mission 12		
		1	BMED 3122	Independent Research II	C					
		23 Semester Total Hours								

	I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
THIRD YEAR	FALL		3	HIST 1301	U.S. History I		060		
			3	POLS 2305	U.S. Federal Government & Politics		070		
			3	MATH 3331	Applied Statistics I			MATH 2413 (or MATH 2487) with a grade of 'C' or better.	
			3	XXXX X3XX	Creative Arts				PHIL 1330 Strongly Recommended
			1	BMED 3109	Medical Syndromes	c			Mission 13
		2	BMED 4270	Introduction to Complementary and	c			Mission 14	
		2	BMED 4240	Medical Microbiology	c			Mission 15	
		2	BMED 4290	Medical Immunology	c			Mission 15	
		2	BMED 3223	Independent Research III	c				
				21 Semester Total Hours					
SPRING			3	HIST 1302	U.S. History II		060		
			3	XXXX X3XX	Language, Philosophy & Culture		040	See General Education Core for course options.	
			3	POLS 2306	Texas government & Politics		070		
			3	XXXX X3XX	Integrative and Experiential Learning		090	See General Education Core for course options.	
			1	XXXX XXXX	Integrative and Experiential Learning		090	See General Education Core for course options.	
			2	BMED 4220	Medical Bioinformatics, Genomics, and S	c		Mission 16	
			2	BMED 4230	Human Genetics and Medical Genomics	c		Mission 16	
			2	BMED 3224	Independent Research IV	c			
		3	xxxx 33xx-43xx	Advanced Elective			See Degree Plan for course options.		
			22 Semester Total Hours						

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120 TOTAL HOURS
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Approved: Wednesday, September 14, 2016

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