2020 Biology Pre-Medical Four Year Degree Plan

	First Year Fall			First Year Spring	
BIO 1404	**Biosciences I**	**4**	**BIO 1414**	**Biosciences II**	**4**
CHE 1103	**General Chemistry I**	3	CHE 1113	General Chemistry II	3
CHE 1121	General Chemistry I Lab	1	CHE 1131	General Chemistry II Lab	1
WRC 1013	Freshman Composition I	3	WRC 1023	Freshman Composition II	3
AIS 1203	Academic Inquiry & Scholarship	3	**MAT 1193**	**Calculus for Biosciences**	**3**
			SOC 1013	Introduction to Sociology	3
TOTAL		**14**	**TOTAL**		**17**
	Second Year Fall			**Second Year Spring**	
BIO 2362	Molecular Genetics Lab	2	BIO 3362	Molecular Biochemistry Lab	2
BIO 2313	**Genetics**	**3**	STA 1403	Statistics for Biosciences	3
CHE 2603	Organic Chemistry I	3	CHE 3643	Organic Chemistry II	3
CHE 2612	Organic Chemistry I Lab	2	CHE 3652	Organic Chemistry II lab	2
PHY 1603 or PHY 1943	**Physics I**	**3**	PHY 1623 or PHY 1963	Physics II	3
PHY 1611 or PHY 1951	Physics I Lab	1	PHY 1631 or PHY 1971	Physics II lab	1
			PSY 1013/CORE 080	**Introduction to Psychology**	3
TOTAL		**14**	**TOTAL**		**17**
	Third Year Fall			**Third Year Spring**	
BIO 3513 **	Biochemistry	3	BIO 3413 **	Physiology	3
BIO 3713	**Microbiology**	3	**BIO 3433**	**Neurobiology**	**3**
BIO 3722	**Microbiology Lab**	2	BIO 3813 **	Cellular Biology	3
BIO 4813	**Brain and Behavior**	3	**BIO 4743 ****	**Immunology**	**3**
BIO 4842 **	**Clinical Gross Anatomy Lab**	2	PSY 4253	Psychology of Health	3
TOTAL		**13**	**TOTAL**		**15**
Students should take the MCAT or DAT in the summer between the Junior and Senior year, to apply for professional school as Seniors.					
	Fourth Year Fall			**Fourth Year Spring**	
CS 1173/CORE 090	Data Analysis & Visualization	3	CORE 050	Creative Arts	3
CORE 060	American History	3	CORE 060	American History	3
CORE 070	Political Science	3	CORE 070	Political Science	3
CORE 040	Language, Philosophy, Culture	3	3XX3	Upper Division Biology Elective	3
BIO 3XX3	Upper Division Biology Elective	3	XXX3	Free Elective	3
TOTAL		**15**	**TOTAL**		**15**
Total hrs for BS/BIO is 120				Total hrs listed here:	**120**
See **NOTES** on reverse side.					

NOTES:

Red text indicates courses that must be completed within 60 credit hours to remain a Biology major (C- or better)
Purple text indicates elective courses that must be completed to be awarded the Pre-Medical Sciences Concentration.
** Indicate courses that can be taught specifically for Pre-Medical Sciences students if there is sufficient interest. See webpage for details.
Highlight indicates courses required for Texas medical schools. The student must have a minimum of 14 hours of Biology credit
Please check specific prerequisite requirements for the schools to which you intend to apply.
Professional schools that require Anatomy and Physiology may accept Bio 3123, Bio 3413 and Bio 4842 as a substiution. Check with the school.
Organic II Laboratory is not required for the Biology degree or Texas Medical Schools, but may be required for schools outside Texas.

Revised 10/25/19