2020 Biology Pre-Dentistry 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 040	Language, Philosophy, Culture	3	CORE 060	American History	3
CORE 060	American History	3	CORE 070	Political Science	3
CORE 070	Political Science	3	3XX3	Upper Division Biology Elective	3
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 dental schools. 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 8 hours 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 Dental Schools, but may be required for schools outside Texas.

Revised 10/25/19