

**Suggested Pre-Medical Curriculum
for a
Biology Major & Chemistry Minor**

SAM HOUSTON STATE COURSES			HRS
BIO	161	General Botany	3
BIO	111	Botany Lab	1
BIO	162	General Zoology	3
BIO	112	Zoology Lab	1
BIO	244	Cell & Molecular	4
BIO	340	General Ecology	4
BIO	342	Comparative Anatomy	4
BIO	344	General Physiology	4
BIO	345	Genetics	4
BIO	347	General Microbiology	4
BIO	410	Senior Seminar	1
BIO	411	Senior Seminar	1
and 10 or more hours from the following			
BIO	346	Pathophysiology	4
BIO	348	Vertebrate Embryology	4
BIO	436	Genetic Analysis of Human Disease	3
BIO	438	Microbiology of Disease	3
BIO	480	Molecular Biology	4
BIO	493	Endocrinology	3
BIO	446	Parasitology	4
BIO	449	Cell Biology	4
CHM	138	General Chemistry I	3
CHM	118	General Chemistry I Lab	1
CHM	139	General Chemistry II	3
CHM	119	General Chemistry II Lab	1
CHM	238	Organic Chemistry I	3
CHM	218	Organic Chemistry I Lab	1
CHM	239	Organic Chemistry II	3
CHM	219	Organic Chemistry II Lab	1
CHM	241	Quantitative Analysis	4
CHM	339	Metabolism	3
CHM	348	Biochemistry	4
PHY	138	Physics I	3
PHY	118	Physics I Lab	1
PHY	139	Physics II	3
PHY	119	Physics II Lab	1
MTH	142	Calculus I	4
MTH	374	Statistics or BIO 474 Biostatistics	3
PHL	262	Critical Thinking	3
ENG	164	Composition I	3
ENG	165	Composition II	3
MUS	264	Music Appreciation	3
PHL	263	Contemporary Moral Issues	3
SOC	168	Introduction to Ethnic Studies	3
HIS	163	U.S. History to 1876	3
HIS	164	U.S. History Since 1876	3
POL	261	American Government	3
POL	285	American Public Policy	3
PSY	131	General Psychology	3
KIN	215	Fitness for Living	1