

# BIOMEDICAL SCIENCE (PRE-PHARMACY CONCENTRATION, ACCELERATED 3+4 PHARMD), BACHELOR OF SCIENCE

CHEM 211	Organic Chem I Lab	1
CHEM 212	Organic Chem II Lab	1
MATH 2413	Calculus & Analytic Geomtry I	4
BIOL 347	Microbiology	4
PHYS 213	College Phys Lab I	1
PHYS 1301	College Physics I	3
<b>Total Hours</b>		<b>120</b>

## SUMMARY

Code	Title	Hours
Core Curriculum Requirements ( <a href="https://catalog.tsu.edu/undergraduate/general-education-core-curriculum/">https://catalog.tsu.edu/undergraduate/general-education-core-curriculum/</a> )		42
<b>Major Requirements (30 hours)</b>		
BIOM 331	Principles of Biomedical Research	3
BIOM 332	Biomedical anatomy & Physiology	3
BIOM 333	Biomedical Genetics	3
BIOM 334	Biomedical Writing	3
BIOM 335	Health Disparities	3
BIOM 430	Medical Calculations	3
BIOM 410	Medical Calculations Lab	1
BIOM 420	Introduction to Pathophysiology	2
BIOM 432	Biomedical Biochemistry	3
BIOM 411	Biomedical Biochemistry Lab	1
BIOM 436	Biostatistics	3
BIOM 421	Introduction to Pharmacology	2
<b>Major Elective Requirements (13 hours)</b>		
HSCR 260	Biomedical Ethics	3
Select 10 hours from the following:		10
BIOM 433	Medical Communications	
BIOM 434	Introduction to Pharmacy Practice	
BIOM 437	Drug Discovery and Development	
BIOM 431	Biopharmaceutics	
BIOM 412	Biopharmaceutics Lab	
HSHI 362	Med Term Word Processing	
HSHA 335	Hlth Pol & US Hlthcare Sys	
HSHA 336	Res Health Professionals	
HSHA 332	Intro Commun & Population Hlth	
HSCR 360	Princ Of Disease	
HSHA 431	HC Mgmt & Leadership	
HSHI 366	Legal Aspects	
HED 399	Health Seminar	
<b>Other Requirements (35 hours)</b>		
BIOL 1306	Biological Science I	3
BIOL 1307	Biological Science II	3
BIOL 111	Biological Science Lab I	1
BIOL 112	Biological Science Lab II	1
CHEM 111	Chemistry I Lab	1
CHEM 112	Chemistry II Lab	1
FS 102	Freshman Seminar/ first Year Experience	1
BIOL 245	Human Anatomy & Physiology	4
CHEM 231	Organic Chem I	3
CHEM 232	Organic Chem II	3