



SCHOOL OF PHARMACY

**BACHELOR OF SCIENCE IN HEALTH SCIENCES (BHS)  
+ PHARM.D CURRICULUM**

<b>FIRST YEAR</b>			
Year One Fall		Year One Spring	
BSC 120 – Principles of Biology*	4	BSC 121 – Principles of Biology II	4
CHM 211 – Principles of Chemistry I**	3	CHM 212 – Principles of Chemistry II	3
CHM 217 – Principles Chemistry Lab I	2	CHM 218 – Principles Chemistry Lab II	2
HP 110 Intro to Health Professions	3	HS 200 – Medical Terminology	3
MTH 140 (3) or MTH 229 (5 hrs)***	3-5	FYS 100 – First Year Seminar	3
	<b>15-17</b>		<b>15</b>
<b>SECOND YEAR</b>			
Year Two Fall		Year Two Spring	
ENG 101 – English Composition I	3	ENG 201 – English Composition II	3
BSC 227 Human Anatomy	4	BSC 228 Human Physiology	4
CHM 355 – Organic Chemistry I	3	CHM 356 Organic Chemistry II	3
SOC 200 (Multicultural & CT)	3	CHM 361 Organic Chemistry Lab	3
CMM 103 – Fundamentals of Speech	3	BSC 250 – Microbiology	4
	<b>16</b>		<b>17</b>
<b>THIRD YEAR – Apply to School of Pharmacy and take PCAT summer/fall</b>			
Year Three Fall		Year Three Spring	
HP 320 Intro to Research (Writing Intensive)	3	HP 420 Administration in Allied Health (Writing Intensive)	3
HP 240 – Intro to Human Disease	3	MTH 225 - Statistics	3
PH 101 – Intro to Public Health	3	PH 105/PH 270 – Epidemiology or Global Health	3
Humanities Marshall CORE	3	Fine Arts Marshall CORE	3
PHY 201 – General Physics I	3	PHY 203 – General Physics II	3
PHY 202 – General Physics I Lab	1	PHY 204 – General Physics II Lab	1
	<b>16</b>		<b>16</b>
<b>FOURTH YEAR – First year of Pharm D program</b>			
Year Four Fall		Year Four Spring	
Pharmacy Practice I	4	Pharmacy Practice II	4
Immunology & Microbiology	4	Principles of Disease and Drug Action	4
Biological Chemistry	5	Biopharmaceutics II	3
Clinical Immunology	1	Integrated Laboratory I	2
Biopharmaceutics	3	Therapeutics I – App. Use of OTC Products	4
IPPE 1	1	IPPE 2	1
	<b>18</b>		<b>18</b>
<b>TOTAL CREDIT HOURS = 131-133</b>			

\* BSC 120 Pre-requisite – ACT Math 21, Sat 500, or MTH 121, MTH 123, MTH 127, MTH 130, MTH 132 Minimum grade C)

\*\* CHM 211 Pre-requisite – ACT Math 23, SAT 540, CHM 111 Minimum Grade C, or Placement Chemistry 211

\*\*\* Based on an ACT Mathematics score of 24 or higher or SAT Mathematics score of 560 or higher.

- Students must receive a C or better in coursework for all School of Pharmacy prerequisite requirements
- Maximum of 3 “D”s in electives will be applied toward the Bachelor of Health Science degree
- Minimum 2.0 GPA is required in Health Science designated coursework

## **BACHELOR OF HEALTH SCIENCE MAJOR REQUIREMENTS:**

### **REQUIRED COURSES FOR HEALTH SCIENCE MAJOR:**

HP 110 Intro to Health Professions	3
HP 210 Health Sciences Seminar <sup>1</sup>	3
HP 320 Intro to Research	3
HP 420 Administration in Allied Health	3
HP 490 Senior Capstone <sup>2</sup>	3-6
PH 101 Intro to Public Health	3
SWK 203 Intro to Social Work <sup>3</sup>	3
HS 200 Medical Terminology	3
HS 201 Intro to Anatomy and Physiology <sup>4</sup>	3
MTH 225 Statistics	3
Two of the following:	
HS 240 Intro to Human Disease	3
PH 105 Intro to Epidemiology	3
PH 270 Global Health	3
	36-39 hrs

<sup>1</sup> Pharmacy Practice I in lieu of HP 210 Health Science Seminar

<sup>2</sup> Pharmacy Practice II in lieu of HP 490 Capstone - final senior capstone paper & presentation would be made by the end of PharmD Year One, when HP 490 grade would be recorded

<sup>3</sup> SOC 200 (Intro to Sociology) could be taken in lieu of SWK 203 Intro to Social Work to fulfill Marshall CORE II CT and Multicultural requirements

<sup>4</sup> Student would be taking Human Anatomy (BSC 227) and Human Physiology (BSC 228) courses, so would not take Intro to Anatomy and Physiology (HS 201)