



## BS/PharmD Program

### Biological Science Majors

#### FIRST YEAR

First Semester		Second Semester	
BSC120 - Principles of Biology	4 hours	BSC121 - Principles of Biology	4 hours
CHM211 – Principles of Chemistry I	3 hours	CHM212 – Principles of Chemistry II	3 hours
ENG101 – English Composition	3 hours	CHM218 – Principles of Chem Lab II	2 hours
MTH 140 (3 hrs) or MTH 229 (5 hrs)*	3-5 hours	FYS100 – Freshman First-Year Seminar	3 hours
CHM217- Principles of Chem Lab I	2 hours	MTH122 – Plane Trig. if MTH 140 is taken*	3 hours
	<b>15-17 hours</b>		<b>15 hours</b>

#### SECOND YEAR

First Semester		Second Semester	
BSC 320, 322 or 324	4 hours	BSC310 – Comparative Vertebrate Anatomy	4 hours
CHM355 – Organic Chemistry I	3 hours	BSC302/304 – Microbiology with Lab	4 hours
PHY201 – General Physics I	3 hours	PHY203 – General Physics II	3 hours
PHY202 - General Physics I Lab	1 hour	PHY204 – General Physics II Lab	1 hour
ENG201 – Advanced Composition	3 hours	CHM356 – Organic Chemistry II	3 hours
		BSC417 – Biostatistics	3 hours
	<b>14 hours</b>		<b>18 hours</b>

#### THIRD YEAR

Apply to School of Pharmacy and take PCAT summer/fall

First Semester		Second Semester	
BSC422 – Animal Physiology	4 hours	BSC 320, 322 or 324	4 hours
BSC 320, 322 or 324	4 hours	ART 112/MUS142/MUS210 or THE112	3 hours
CHM361 – Intro Organic Chemistry Lab	3 hours	Writing Intensive Humanities course	3 hours
CMM103 – Fundamentals of Speech Comm.	3 hours	CORE Social Science (CT & Int'l or Multicultural)	3 hours
Writing Intensive course	3 hours	Critical Thinking Course if MTH 229 isn't taken	3 hours
	<b>17 hours</b>		<b>16 hours</b>

#### FOURTH YEAR – First Year of PharmD Program

First Semester		Second Semester	
Pharmacy Practice I	4 hours	Pharmacy Practice II	4 hours
Immunology & Microbiology	4 hours	Principles of Disease & Drug Action	4 hours
Biomedical Chemistry	5 hours	Biopharmaceutics II	3 hours
Clinical Immunology	1 hour	Integrated Laboratory I	2 hours
Biopharmaceutics I	3 hours	Therapeutics I – App. Use of OTC Products	4 hours
IPPE 1	1 hour	IPPE 2	1 hour
	<b>18 hours</b>		<b>18 hours</b>

\*Based on an ACT Mathematics score of 24 or higher. Students must have an ACT Mathematics score 21 or higher to begin the required Biology. Students must have an ACT Mathematics score of 23 or higher to begin required Chemistry courses. Students with an ACT Mathematics score less than 24 will be placed in the appropriate mathematics course prior to MTH 140

Biomedical Chemistry in lieu of third BSC Required Major Elective. Pharmacy Practice Experiences in lieu of BSC 491 Capstone. Minimum Number of Hours to Graduate:120 with a minimum of 40 upper level hours and 2.00 GPA.