

**Plan of Study**  
**Pre-DPT B.S. in Biochemistry**

**First Year**

<u>First Semester</u>		<i>Total Credits</i>	<b>17</b>	<u>Second Semester</u>		<i>Total Credits</i>	<b>17</b>
*CHM 133	Chemical Principles I		4	*CHM 134	Chemical Principles II		4
BIO 101	General Botany & Biology Principles		4	BIO 102	Zoology		4
MTH 151	Analytic Geometry & Calculus I		3	MTH 152	Analytic Geometry & Calculus II		3
HIS/POL	Core		3	HIS/POL	Core		3
ENG	Core		3	ENG	Core		3

<u>Summer</u>		<i>Total Credits</i>	<b>9</b>
*PSY 123	Introduction to Psychology		3
FA	Core		3
RLS	Core		3

**Sophomore Year**

<u>First Semester</u>		<i>Total Credits</i>	<b>16</b>	<u>Second Semester</u>		<i>Total Credits</i>	<b>17</b>
*CHM 243	Organic Chemistry		4	*CHM 244	Organic Chemistry		4
*PHY 221	Physics I		4	*PHY 222	Physics II		4
BIO 241	Genetics		4	MTH 242	Differential Equations		3
MTH 225	Analytic Geometry & Calculus III		4	PHL 100	Introduction to Philosophy		3
				FA	Core		3

<u>Summer</u>		<i>Total Credits</i>	<b>9</b>
RLS	Core		3
*PSY 275	Child & Adolescent Psychology		3
*MTH 115	Basic Statistics		3

**Junior Year**

<u>First Semester</u>		<i>Total Credits</i>	<b>17</b>	<u>Second Semester</u>		<i>Total Credits</i>	<b>17</b>
CHM 353	Biochemistry I		3	CHM 354	Biochemistry II		3
CHM 264	Quantitative Analysis		5	CHM 356	Physical Chemistry II		4
CHM 355	Physical Chemistry I		4	CHM 411	Instrumental Analysis		3
CHM 350	Chemical Literature		1	CHM 412	Instrumental Lab I		1
CPS 101	Intro to Programming		3	PHL	Core		3
CHM 363	Biochemistry Lab		1	*SOC 101	Comparative Sociology		3

<u>Summer</u>		<i>Total Credits</i>	<b>8</b>
*BIO 211	Anatomy & Physiology I		4
*BIO 212	Anatomy & Physiology II		4

**Senior Year**

<u>First Semester</u>		<i>Total Credits</i>	<b>16</b>	<u>Second Semester</u>	
	Major elective		3	Begin DPT Program	
BIO 435	Cell Biology OR		3		
BIO 345	Developmental Biology				
CHM 475	Chemistry Seminar		1		
CHM 460	Research*		3		
	SCI/MTH Elective		3		
*PSY 290	Psychopathology		3		

\* Students must take a total of 3 credits of research for graduation. The credits can be spread over the second semester of year 3 and first semester of year 4.

**Total Credits: 135**

\*Prerequisite courses for DPT. Other requirements:

- Service: 50 hours in at least two different facilities
- Medical Terminology
  - MI 106 or
  - [www.webbycyberclasses.com](http://www.webbycyberclasses.com) or
  - Approval by PT Department