

## Master Study Plan and Courses:

1. Study Plan Structure					
Program Structure		No. of Courses	Credit Hours	Percentage	
Course	Required	5	13	50%	
	Elective	4	12	46%	
Graduation Project (if any)		-	-	-	
Thesis (if any)		1	1	4%	
Field Experience (if any)		-	-	-	
Others (.....)		-	-	-	
Total		10	26	100%	

\* Add a table for each track (if any)

**2. Program Courses:**

Level	Course Code	Course Title	Required or Elective	Pre-Requisite Courses	Credit Hours
Level 1	BCH 520	Mechanisms of Enzyme Action	Required	-	3
	BCH 530	Biochemical Methodology	Required	-	3
	BCH 540	Recent Advances in Metabolism and its Regulation	Required	-	3
Level 2 & Level 3	BCH 545	Inborn Errors of Metabolism	Elective	-	3
	BCH 550	Molecular Biology of the Gene	Required	-	3
	BCH 555	Experimental Techniques in Molecular Biology	Elective	-	3
	BCH 560	Biochemical Endocrinology	Elective	-	3
	BCH 565	Biochemistry of Mammalian Reproduction	Elective	-	3
	BCH 570	Biochemistry of Cell Surface	Elective	-	3
	BCH 575	Neurochemistry	Elective	-	3
	BCH 577	Biochemistry of Blood	Elective	-	3
	BCH 580	Biochemistry of Human Nutrition	Elective	-	3
	BCH 590	Selected Topics in Biochemistry	Elective	-	3
BCH 596	Thesis Proposal Preparation	Required	-	1	
<b>Passing 25 credit hours: 13 credit hour's obligatory courses and 12 credit hours' elective courses</b>					
Level 4	BCH 600	Thesis	Required	.	1

\* Include additional levels if needed  
 \*\* Add a table for each track (if any)

## Program Schedule

Courses	Title	Credit hours
(*) BCH 520	Mechanisms of Enzyme Action	3+0
(*) BCH 530	Biochemical Methodology	0+3
(*) BCH 540	Recent Advances in Metabolism and its Regulation	3+0
BCH 545	Inborn Errors of Metabolism	3+0
(*) BCH 550	Molecular Biology of the Gene	3+0
BCH 555	Experimental Techniques in Molecular Biology	3+0
BCH 560	Biochemical Endocrinology	3+0
BCH 565	Biochemistry of Mammalian Reproduction	3+0
BCH 570	Biochemistry of Cell Surface	3+0
BCH 575	Neurochemistry	3+0
BCH 577	Biochemistry of Blood	3+0
BCH 580	Biochemistry of Human Nutrition	3+0
BCH 590	Selected Topics in Biochemistry	3+0
BCH 596 (*)	Preparation of Master Research Proposal	1+0

- obligatory (\*)

- optional