

Guiding Plan (Master's Program)

Program Overview

Courses	Number of Courses	Credit Hours
Compulsory Courses*	4	12
Elective Courses	4	12
Research Proposal Preparation	1	1
Thesis	6	6
Total	10	30

Study Levels

First Level

#	Course Code	Course Name	Credit Hours
1	BCH550*	Molecular Biology of the Gene	3 (3+0)
2	BCH540*	Advanced Study in Metabolism	3 (3+0)
3	BCH----	Elective Course (3)	3 (3+0)
4	BCH----	Elective Course (4)	3 (3+0)
		Total	12

Second Level

#	Course Code	Course Name	Credit Hours
1	BCH530*	Laboratory Methods in Biochemistry	3 (0+3)
2	BCH520*	Mechanism of Enzyme Action	3 (3+0)
3	BCH----	Elective Course (1)	3 (3+0)
4	BCH----	Elective Course (2)	3 (3+0)
		Total	12

Third Level

#	Course Code	Course Name	Credit Hours
1	BCH596	Research Proposal Preparation	1
2	**	**	**
		Total	1

Note: (**) In this semester, students may register for courses offered in the first semester in case of withdrawal or non-registration.

Fourth Level

Course Code	Course Name	Credit Hours
BCH 600	Thesis	6
	Total	6

Elective Courses

#	Course Code	Course Name	Credit Hours
1	BCH545	Inborn Errors of Metabolism	3 (3+0)
2	BCH555	Experimental Methods in Molecular Biology	3 (0+3)
3	BCH560	Endocrine Biochemistry	3 (3+0)
4	BCH565	Mammalian Reproductive Biochemistry	3 (3+0)
5	BCH570	Cell Surface Biochemistry	3 (3+0)
6	BCH575	Neurochemistry	3 (3+0)
7	BCH577	Blood Biochemistry	3 (3+0)
8	BCH580	Human Nutrition Biochemistry	3 (3+0)
9	BCH590	Selected Topics in Biochemistry	3 (3+0)