



Study Plan Structure

Requirements	Courses	No. of Units
University Requirements	Required	---
	Elective	---
College Requirements	Required	---
	Elective	---
Program Requirements	Required	8
	Supportive (if any)	---
	Elective	8
	Graduation Project (Thesis)	6
Free Elective Courses		---
Field Training		---
The total number of units approved for the academic program		<u>22</u>

Program Study Plan

First Year											
First Level						Second Level					
Course Number	Course Name	Lecture	Tutorial	Lab	pre-requisite	Course Number	Course Name	Lecture	Tutorial	Lab	pre-requisite
0827-1711	Commutative Algebra	4	0	0	None	0827-27xx	Elective Course	4	0	0	None
0827-1721	Advanced Functional Analysis	4	0	0	None	0827-27xx	Elective Course	4	0	0	None
Total Units		8				Total Units		8			

Second Year											
Third Level						Fourth Level					
Course Number	Course Name	Lecture	Tutorial	Lab	pre-requisite	Course Number	Course Name	Lecture	Tutorial	Lab	pre-requisite
0827-1800	Thesis	4	0	0	0827-1711 & 0827-1721	0827-1800	Thesis	4	0	0	0827-1711 & 0827-1721
Total Units		4				Total Units		4			

Third Year											
Fifth Level						Sixth Level					
Course Number	Course Name	Lecture	Tutorial	Lab	pre-requisite	Course Number	Course Name	Lecture	Tutorial	Lab	pre-requisite
0827-1800	Thesis	4	0	0	0827-1711 & 0827-1721	0827-1800	Thesis	4	0	0	0827-1711 & 0827-1721
Total Units		4				Total Units		4			

Fourth Year											
Seventh Level						Eighth Level					
Course Number	Course Name	Lecture	Tutorial	Lab	pre-requisite	Course Number	Course Name	Lecture	Tutorial	Lab	pre-requisite
0827-1800	Thesis	4	0	0	0827-1711 & 0827-1721	0827-1800	Thesis	4	0	0	0827-1711 & 0827-1721
Total Units		4				Total Units		4			

Program Compulsory Courses

#	Course Number	Course Name	Lecture	Tutorial	Lab	Pre-requisite
1	0827-1711	Commutative Algebra	4	0	0	None
2	0827-1721	Advanced Functional Analysis	4	0	0	None
Total Units						8

Program Elective Courses

The student must pass two courses from the list of the department elective courses

#	Course Number	Course Name	Lecture	Tutorial	Lab	Pre-requisite
1	0827-2712	Semi-groups Theory	4	0	0	None
2	0827-2722	Theory of Distributions	4	0	0	None
3	0827-2723	Differential Inclusions	4	0	0	None
4	0827-2731	Ordinary Differential Equations	4	0	0	None
5	0827-2732	Partial Differential Equations	4	0	0	None
6	0827-2741	Several Complex Variables	4	0	0	None
7	0827-2742	Bergman Space	4	0	0	None
8	0827-2751	Fourier Analysis	4	0	0	None
9	0827-2761	Differential Geometry	4	0	0	None
10	0827-2771	Special functions	4	0	0	None
11	0827-2772	Fluid Mechanics	4	0	0	None
12	0827-2781	Numerical Analysis I	4	0	0	None
13	0827-2782	Numerical Analysis 2	4	0	0	None
14	0827-2783	Numerical Analysis 3	4	0	0	None
15	0827-2791	Topics in Analysis	4	0	0	None
16	0827-2792	Topics in Algebra	4	0	0	None
17	0827-2793	Topics in Pure Math	4	0	0	None
18	0827-2794	Topics in Mechanics	4	0	0	None
19	0827-2795	Topics in Applied Math	4	0	0	None
20	0827-2796	Topics in Statistics	4	0	0	None