

## TUMS International Educational Affairs

**Table A: Compensatory Courses of Biostatistics M.Sc. Program**

Code	Title	Number of Credits		
		Sum	Theoretical	Applied
01	Biostatistical Methods	3	3	-
02	Medical Basics	2	2	-
03	Principles and Methods of Epidemiology	3	3	-
04	Health Information Systems	1	1/3	2/3
<b>Total</b>		9		

These credits could be waived upon the student's written request and the department's approval

**Table B: Core Specialized Course of Biostatistics M.Sc. Program**

Code	Title	Number of Credits			Prerequisites
		Sum	Theoretical	Applied	
05	Biostatistical Inference	3	3	-	-
06	Biostatistical Methods II	3	3	-	01
07	Biostatistical Methods III	3	3	-	06
08	Applied Survival Data Analysis	3	3	-	01 & 05
09	Clinical Trials	3	3	-	06
10	Applied Multivariate Analysis	3	3	-	-
11	Seminar	2	2	-	-
12	Thesis	6	-	-	-
<b>Total</b>		26			

**Table C: Noncore Specialized Course of Epidemiology Ph.D. Program**

Code	Title	Number of Credits		
		Sum	Theoretical	Applied
13	Principals of Medical Demography	3	3	-
14	Statistics for Epidemiology	3	3	-
15	Analysis of Categorical Data	3	3	-
16	Sampling Methods	3	3	-
17	Statistical Simulation	3	3	-
18	Nonparametric Statistics	3	3	-
<b>Total</b>		18		

**M.Sc. Thesis Proposal**

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The thesis proposal describes the rationale for the proposed research and outlines its basic components. According to the joint interest of students and professional field of academic staffs, supervisor assignments is done every years for new students. The proposal is submitted to the department's research committee members (consisting of a dissertation advisor, department's head, and department education and research representatives) for the final evaluation and approval.

### **Thesis Defense**

The student and the thesis committee are required to comply with the School of Public Health guidelines with regard to preparation of the thesis and meeting deadlines for graduation. During the thesis defense, the thesis committee will thoroughly examine the student's knowledge in the content area of the research.