Table 1. The absolute and relative frequency of students by demographic and contextual characteristics (n = 375)

Demographic variables	No.	%
Gender		
Male	131	34.9
Female	244	65.1
City		
Local	229	61.1
Non-local residents	146	38.9
Grade		
B.Sc	315	84.0
Masters	45	12.0
PhD	15	4.0
University		
Humanities	210	56.0
Technical-Engineering	87	23.2
Basic sciences	78	20.8
Mother's education		
Below diploma	93	24.8
Diploma	160	42.7
B.Sc	95	25.3
Masters	21	5.6
PhD	6	1.6
Father's education		
Below diploma	71	18.9
Diploma	138	36.8
B.Sc	108	28.8
Masters	43	11.5
PhD	15	4.0
Years of education		
First year	148	39.5
Second year	104	27.7
Third year	83	22.1
Fourth year	23	6.1
Others	17	4.5

Table 2. The absolute and relative frequency of different levels of health literacy among students participating in the study

Health literacy level	No.	%
Inadequate	9	2.4
Insufficient	121	32.3
Sufficient	174	46.4
Excellent	71	18.9
Total	375	100

Table 3. Factors related to the students' health literacy in logistic regression test *

Variables	Levels	Odds ratio	Possibility
Grade			0.028
	Bachelor's degree	Reference	
	Master's degree	1.033	0.031
	PhD	1.112	0.039
School			0.035
	Humanities	Reference	
	Technical-Engineering	1.113	0.730
	Basic sciences	1.735	0.043
Father's education			0.932
	Below diploma	Reference	
	Diploma	0.712	0.658
	Bachelor's degree	0.691	0.591
	Master's degree	0.855	0.814
	PhD	1.023	0.977
Mother's education			0.970
	Below diploma	Reference	
	Diploma	0.636	0.714
	Bachelor's degree	0.798	0.851
	Master's degree	0.788	0.842
	PhD	0.909	0.943
Gender			0.299
	Male	Reference	
	Female	0.751	0.258
City			0.415
	Local	Reference	
	Non-local residents	0.412	0.607
Years of education			0.151
	First year	Reference	
	Second year	0.988	0.219
	Third year	1.803	0.131
	Fourth year	2.156	0.119
	Others	1.227	0.314
Age			0.863
	19-23 years	Reference	
	≥24 years	0.990	0.457
Constant	-	0.412	0.251

* Independent variables were entered into the logistic regression model concurrently.
The response variable was defined as "limited health literacy" and "desirable health literacy".