

List of supplementary tables

Supplementary Table S1: Total population and study sample size.

College	No.student	Formula
Nursing	1014	307

Supplementary Table S2: sampling calculation (95% Confidence, 5% error)

Year	Total population	Calculated population
1 st year	517	156
2 nd year	250	77
3 rd year	129	39
4 th year	118	35