
NSSE 2016

Frequencies and Statistical Comparisons

American University of Beirut

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NSSE 2016 Frequencies and Statistical Comparisons

About This Report

The *Frequencies and Statistical Comparisons* report presents item-by-item student responses and statistical comparisons that allow you to examine patterns of similarity and difference between your students and those at your comparison group institutions. The report uses information from all randomly selected or census-administered students. The display below highlights important details in the report to keep in mind when interpreting your results. For more information please visit our website (nsse.indiana.edu) or contact a member of the NSSE team.

- Class level:** As reported by your institution.
 - Item numbers:** Numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.
 - Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.
 - Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
 - Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the percentage of students selecting the corresponding response option.
- Note:** Due to nonstandard sampling or response issues, all results in this report are unweighted.
- Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (* $p < .05$, ** $p < .01$, *** $p < .001$). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #7) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent t -tests. Exceptions are items 11 a-f which are compared using a z -test.

NSSE 2016 Frequencies and Statistical Comparisons NSSEville State University															
Seniors ← 1															
Frequency Distributions ^a															
Statistical Comparisons ^b															
Your seniors compared with															
NSSEville State GLC Peers Carnegie Peers NSSE 2015 & 2016 NSSEville State GLC Peers Carnegie Peers NSSE 2015 & 2016															
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Effect size ^e
6. During the current school year, about how often have you done the following?															
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1 2 3 4	Never Sometimes Often Very often	3 155 212 280	0 20 33 46	244 4,397 5,947 5,440	2 27 37 34	54 845 1,086 889	2 29 38 31	6,952 75,222 81,724 66,983	3 33 35 29	3.3	3.0 ***	.27	3.0 ***
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1 2 3 4	Never Sometimes Often Very often	82 267 164 113	13 42 26 19	2,369 5,959 4,548 1,072	14 37 29 21	401 978 118 61	14 34 11 21	35,490 79,495 57,348 47,208	16 34 29 21	2.5	2.5	-.04	2.6 *
c. Evaluated what others have concluded from numerical information	QRevaluate	1 2 3 4	Never Sometimes Often Very often	25 56 384 150	4 9 63 24	778 1,666 9,147 4,267	5 11 57 27	134 262 1,586 851	5 10 57 29	12,543 28,134 128,802 58,873	6 13 56 26	3.1	3.1	.02	3.1
			Total	630 16,028 2,874 230,881	100 100 100 100										
			Total	615 15,858 2,833 228,352	100 100 100 100										

- Effect size:** Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large. A positive effect size indicates that your institution's mean was greater than that of the comparison group, thus showing a favorable result for your institution. A negative effect size indicates your institution lags behind the comparison group, suggesting that the student behavior or institutional practice represented by the item may warrant attention. Effect sizes for independent t -tests use Cohen's d ; z -tests use Cohen's h . Cohen's d is calculated by dividing the mean difference by the pooled standard deviation. Cohen's h is calculated by taking the difference in the proportion of students who responded "Done or in progress" after the proportion has been transformed using a non-linear (arcsine) transformation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences* (2nd edition). New York: Psychology Press.
- Key to symbols:**
 - ▲ Your students' average was significantly higher ($p < .05$) with an effect size at least .3 in magnitude.
 - △ Your students' average was significantly higher ($p < .05$) with an effect size less than .3 in magnitude.
 - ▽ Your students' average was significantly lower ($p < .05$) with an effect size less than .3 in magnitude.
 - ▼ Your students' average was significantly lower ($p < .05$) with an effect size at least .3 in magnitude.

Note: It is important to interpret the direction of differences relative to item wording and your institutional context.

NSSE 2016 Frequencies and Statistical Comparisons

American University of Beirut

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	11	5	869	9	32	2	7,325	3	2.7	2.6	.12	3.1 ***	-.46	2.9 **	▽	
		2	Sometimes	76	36	4,324	43	508	25	76,476	34								
		3	Often	89	42	2,955	29	766	38	79,242	35								
		4	Very often	34	16	1,912	19	708	35	61,550	27								
		Total	210	100	10,060	100	2,014	100	224,593	100									
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	42	20	2,511	25	375	19	35,847	16	2.3	2.3	.07	2.5	-.12	2.5 **	▽	
		2	Sometimes	80	39	3,615	36	704	35	77,331	35								
		3	Often	56	27	2,492	25	539	27	65,537	29								
		4	Very often	28	14	1,351	14	370	19	44,043	20								
		Total	206	100	9,969	100	1,988	100	222,758	100									
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	10	5	714	7	116	6	12,033	5	3.0	2.9	.13	3.0	.04	3.0	-.04	
		2	Often	39	19	1,874	19	275	14	28,354	13								
		3	Sometimes	99	48	5,163	52	1,158	58	123,837	56								
		4	Never	58	28	2,174	22	437	22	57,408	26								
		Total	206	100	9,925	100	1,986	100	221,632	100									
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	98	49	5,281	53	473	24	78,753	36	1.7	1.7	.06	2.2 ***	-.51	2.0 ***	▽	
		2	Sometimes	71	35	3,113	31	895	45	85,022	39								
		3	Often	24	12	1,049	11	397	20	36,483	17								
		4	Very often	8	4	448	5	213	11	20,390	9								
		Total	201	100	9,891	100	1,978	100	220,648	100									
e. Asked another student to help you understand course material	CLaskhelp	1	Never	37	18	947	10	124	6	18,562	8	2.3	2.6 ***	-.35	2.7 ***	-.44	2.6 ***	▽	
		2	Sometimes	84	42	3,723	38	755	38	83,407	38								
		3	Often	62	31	3,397	34	714	36	77,017	35								
		4	Very often	18	9	1,804	18	369	19	41,077	19								
		Total	201	100	9,871	100	1,962	100	220,063	100									
f. Explained course material to one or more students	CLexplain	1	Never	8	4	573	6	41	2	10,229	5	2.7	2.7	.01	2.8	-.09	2.7	-.02	
		2	Sometimes	70	35	3,582	36	710	36	79,761	36								
		3	Often	90	45	3,806	39	819	42	86,578	40								
		4	Very often	31	16	1,886	19	384	20	42,523	19								
		Total	199	100	9,847	100	1,954	100	219,091	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2016 Frequencies and Statistical Comparisons

American University of Beirut

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	26	13	1,437	15	185	9	29,952	14	2.5	2.6 *	-0.15	2.7 ***	-0.25	2.6	-0.12	
		2	Sometimes	82	42	3,016	31	660	34	75,480	34								
		3	Often	58	29	3,141	32	646	33	68,105	31								
		4	Very often	31	16	2,244	23	466	24	45,282	21								
		Total	197	100	9,838	100	1,957	100	218,819	100									
h. Worked with other students on course projects or assignments	CLproject	1	Never	9	5	961	10	76	4	15,903	7	2.6	2.8 *	-0.13	2.8 *	-0.17	2.7	-0.05	
		2	Sometimes	88	45	3,045	31	717	37	81,464	37								
		3	Often	65	33	3,254	33	717	37	78,321	36								
		4	Very often	34	17	2,562	26	436	22	42,103	19								
		Total	196	100	9,822	100	1,946	100	217,791	100									
i. Given a course presentation	present	1	Never	35	18	2,940	30	281	15	38,971	18	2.3	2.1 **	0.21	2.3	-0.05	2.3	-0.02	
		2	Sometimes	89	46	3,925	40	933	48	95,373	44								
		3	Often	49	25	1,923	20	494	26	56,904	26								
		4	Very often	22	11	991	10	220	11	25,745	12								
		Total	195	100	9,779	100	1,928	100	216,993	100									
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	23	12	539	6	99	5	14,434	7	2.3	2.7 ***	-0.49	2.7 ***	-0.49	2.7 ***	-0.42	
		2	Sometimes	91	48	3,522	37	699	38	80,688	38								
		3	Often	69	37	3,702	38	715	38	78,709	37								
		4	Very often	6	3	1,859	19	348	19	38,257	18								
		Total	189	100	9,622	100	1,861	100	212,088	100									
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	32	17	784	8	85	5	16,983	8	2.4	2.6 ***	-0.34	2.8 ***	-0.49	2.6 ***	-0.33	
		2	Sometimes	67	37	3,518	37	658	36	79,478	38								
		3	Often	71	39	3,522	37	694	38	76,667	36								
		4	Very often	13	7	1,735	18	405	22	37,325	18								
		Total	183	100	9,559	100	1,842	100	210,453	100									
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	39	21	1,650	17	105	6	20,376	10	2.3	2.4 *	-0.17	2.7 ***	-0.56	2.6 ***	-0.39	
		2	Sometimes	76	42	3,640	38	651	35	80,326	38								
		3	Often	50	27	2,890	30	697	38	71,923	34								
		4	Very often	18	10	1,359	14	381	21	37,331	18								
		Total	183	100	9,539	100	1,834	100	209,956	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

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				AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	16	9	674	7	80	4	9,993	5	2.6	2.7	-.13	2.8 ***	-.31	2.8 ***	-.27	
		2	Sometimes	66	36	3,329	35	571	31	67,265	32								
		3	Often	81	45	3,967	42	786	43	89,996	43								
		4	Very often	19	10	1,536	16	392	21	41,844	20								
		Total	182	100	9,506	100	1,829	100	209,098	100									
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	9	5	448	5	56	3	6,992	3	2.8	2.8	-.02	2.9	-.11	2.9	-.12	
		2	Sometimes	53	29	2,908	31	526	29	59,248	28								
		3	Often	83	46	4,052	43	804	44	90,872	44								
		4	Very often	35	19	2,067	22	440	24	51,247	25								
		Total	180	100	9,475	100	1,826	100	208,359	100									
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	11	6	212	2	46	3	6,026	3	2.7	2.9 **	-.24	2.9 **	-.23	2.9 *	-.19	
		2	Sometimes	57	31	2,632	28	519	29	62,598	30								
		3	Often	85	47	4,382	46	816	45	90,191	43								
		4	Very often	29	16	2,224	24	435	24	48,728	23								
		Total	182	100	9,450	100	1,816	100	207,543	100									
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	11	6	106	1	24	1	2,893	1	2.7	3.1 ***	-.50	3.1 ***	-.54	3.1 ***	-.44	
		2	Sometimes	54	30	1,811	19	319	18	43,641	21								
		3	Often	89	49	4,472	47	840	47	96,082	46								
		4	Very often	28	15	3,035	32	622	34	64,027	31								
		Total	182	100	9,424	100	1,805	100	206,643	100									
3. During the current school year, about how often have you done the following?																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	81	45	4,046	43	363	20	44,349	21	1.9	1.8	.09	2.2 ***	-.37	2.2 ***	-.37	
		2	Sometimes	52	29	3,603	38	860	48	93,559	45								
		3	Often	35	19	1,271	13	401	22	45,897	22								
		4	Very often	13	7	511	5	178	10	22,984	11								
		Total	181	100	9,431	100	1,802	100	206,789	100									
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	102	57	6,478	69	800	45	102,978	50	1.6	1.4 **	.26	1.8 *	-.17	1.8	-.13	
		2	Sometimes	47	26	1,952	21	667	37	62,948	31								
		3	Often	24	13	699	7	235	13	26,837	13								
		4	Very often	7	4	278	3	92	5	13,355	6								
		Total	180	100	9,407	100	1,794	100	206,118	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

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American University of Beirut

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	75	42	3,867	41	470	26	65,565	32	1.9	1.8	.05	2.1 **	-.25	2.0 *	▽	
		2	Sometimes	60	34	3,757	40	833	46	87,277	42								
		3	Often	32	18	1,333	14	348	19	37,082	18								
		4	Very often	10	6	444	5	141	8	15,761	8								
		Total	177	100	9,401	100	1,792	100	205,685	100									
d. Discussed your academic performance with a faculty member	SFperform	1	Never	65	37	4,328	46	358	20	50,641	25	1.9	1.7 ***	.26	2.2 ***	-.27	2.1 **	▽	
		2	Sometimes	68	38	3,572	38	889	50	94,904	46								
		3	Often	34	19	1,120	12	391	22	41,881	20								
		4	Very often	11	6	361	4	147	8	17,890	9								
		Total	178	100	9,381	100	1,785	100	205,316	100									
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	14	8	452	5	49	3	7,919	4	2.9	2.9	-.03	2.9	-.02	3.0	-.04	
		2	Some	42	24	2,286	24	480	27	50,545	25								
		3	Quite a bit	66	37	4,017	43	793	44	90,421	44								
		4	Very much	56	31	2,656	28	461	26	56,806	28								
		Total	178	100	9,411	100	1,783	100	205,691	100									
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	7	4	323	3	52	3	6,950	3	2.9	3.0	-.13	3.1 **	-.23	3.0	-.12	
		2	Some	53	30	2,114	23	336	19	48,369	24								
		3	Quite a bit	72	41	4,338	46	845	48	92,875	45								
		4	Very much	45	25	2,601	28	539	30	56,590	28								
		Total	177	100	9,376	100	1,772	100	204,784	100									
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	12	7	425	5	47	3	7,360	4	2.9	2.9	-.04	3.1 **	-.26	3.0	-.13	
		2	Some	52	30	2,494	27	358	20	49,684	24								
		3	Quite a bit	59	34	4,055	43	776	44	88,231	43								
		4	Very much	52	30	2,354	25	586	33	58,511	29								
		Total	175	100	9,328	100	1,767	100	203,786	100									
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	14	8	711	8	63	4	8,228	4	2.7	2.8	-.10	3.0 ***	-.42	2.9 ***	▽	
		2	Some	62	35	2,865	31	378	21	52,514	26								
		3	Quite a bit	69	39	3,786	41	813	46	89,167	44								
		4	Very much	31	18	1,966	21	509	29	53,851	26								
		Total	176	100	9,328	100	1,763	100	203,760	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

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				AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	12	7	581	6	57	3	8,854	4	2.8	2.8	-.03	3.0 **	-.27	2.9 *	▽	
		2	Some	54	31	2,759	30	414	24	53,937	27								
		3	Quite a bit	72	41	4,031	43	794	45	88,070	43								
		4	Very much	37	21	1,962	21	493	28	52,473	26								
		Total	175	100	9,333	100	1,758	100	203,334	100									
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	12	7	237	3	26	1	4,083	2	2.9	3.1	-.17	3.1 **	-.26	3.1 **	▽	
		2	Some	39	22	1,825	19	318	18	37,896	19								
		3	Quite a bit	74	43	4,537	48	855	48	93,288	46								
		4	Very much	49	28	2,783	30	569	32	69,206	34								
		Total	174	100	9,382	100	1,768	100	204,473	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	11	6	250	3	35	2	5,934	3	3.0	3.0	.01	3.1	-.06	3.1	-.04	
		2	Some	35	20	1,818	19	336	19	39,377	19								
		3	Quite a bit	66	38	4,685	50	844	48	94,234	46								
		4	Very much	63	36	2,589	28	550	31	64,473	32								
		Total	175	100	9,342	100	1,765	100	204,018	100									
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	6	3	319	3	47	3	6,399	3	3.1	3.1	.07	3.1	.01	3.1	.04	
		2	Some	30	17	1,873	20	346	20	41,357	20								
		3	Quite a bit	75	44	4,168	45	751	43	85,773	42								
		4	Very much	61	35	2,990	32	616	35	70,056	34								
		Total	172	100	9,350	100	1,760	100	203,585	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	22	13	1,560	17	118	7	15,359	8	2.7	2.5 **	.23	2.8	-.13	2.9	-15	
		2	Some	49	28	3,251	35	512	29	56,678	28								
		3	Quite a bit	57	33	2,869	31	675	38	73,908	36								
		4	Very much	44	26	1,661	18	452	26	57,552	28								
		Total	172	100	9,341	100	1,757	100	203,497	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	30	17	1,117	12	119	7	16,624	8	2.5	2.6	-.10	2.8 ***	-.33	2.8 ***	▽	
		2	Some	52	30	3,235	35	530	30	61,354	30								
		3	Quite a bit	64	37	3,350	36	706	40	75,945	37								
		4	Very much	26	15	1,617	17	393	22	48,942	24								
		Total	172	100	9,319	100	1,748	100	202,865	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2016 Frequencies and Statistical Comparisons

American University of Beirut

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	25	15	2,017	22	207	12	26,609	13	2.6	2.3 ** ▲	.25	2.6	-.07	2.5	.00	
		2	Sometimes	56	33	3,469	37	576	33	72,674	36								
		3	Often	62	36	2,778	30	670	38	70,739	35								
		4	Very often	29	17	1,092	12	313	18	33,940	17								
		Total	172	100	9,356	100	1,766	100	203,962	100									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	53	30	2,697	29	327	19	44,124	22	2.1	2.1	-.02	2.4 *** ▼	-.30	2.3 ** ▼	-.21	
		2	Sometimes	67	39	3,770	40	694	39	81,129	40								
		3	Often	40	23	2,099	22	505	29	54,434	27								
		4	Very often	14	8	776	8	238	13	23,890	12								
		Total	174	100	9,342	100	1,764	100	203,577	100									
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	43	25	2,626	28	300	17	41,829	21	2.1	2.1	.04	2.4 ** ▼	-.25	2.3 * ▼	-.15	
		2	Sometimes	71	41	3,796	41	723	41	84,743	42								
		3	Often	49	28	2,177	23	522	30	54,895	27								
		4	Very often	9	5	726	8	212	12	21,579	11								
		Total	172	100	9,325	100	1,757	100	203,046	100									
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum (Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	7	5	467	5	29	2	8,110	4	6.9	6.5	.07	9.0 *** ▼	-.34	7.0	-.02	
		1.5	1-2	27	19	1,742	20	166	10	34,312	18								
		4	3-5	48	34	2,684	31	420	26	59,172	32								
		8	6-10	26	18	2,120	25	479	30	47,240	25								
		13	11-15	23	16	832	10	259	16	20,109	11								
		18	16-20	3	2	363	4	124	8	9,106	5								
		23	More than 20	8	6	345	4	137	8	9,621	5								
		Total	142	100	8,553	100	1,614	100	187,670	100									
b. Between 6 and 10 pages	wrmednum (Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	45	33	1,958	23	343	22	57,639	31	2.5	3.0	-.13	2.5	.02	2.3	.08	
		1.5	1-2	48	36	3,204	38	712	46	74,796	41								
		4	3-5	23	17	2,112	25	368	24	34,313	19								
		8	6-10	15	11	881	10	108	7	11,991	7								
		13	11-15	3	2	214	3	22	1	2,763	2								
		18	16-20	1	1	67	1	6	0	872	0								
		23	More than 20	0	0	42	0	2	0	810	0								
		Total	135	100	8,478	100	1,561	100	183,184	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

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American University of Beirut

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. 11 pages or more	wrlongnum	0	None	89	63	4,920	60	1,145	76	134,795	75	1.8	1.4	.13	.7 ***	.45	.8 **	.37	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	23	16	2,133	26	277	18	32,038	18								
		4	3-5	13	9	640	8	44	3	5,978	3								
		8	6-10	11	8	256	3	16	1	3,029	2								
		13	11-15	4	3	129	2	10	1	1,656	1								
		18	16-20	0	0	31	0	5	0	605	0								
		23	More than 20	1	1	52	1	5	0	877	0								
		Total	141	100	8,161	100	1,502	100	178,978	100									
Estimated number of assigned pages of student writing.	wrpages											62.2	61.4	.01	55.3	.13	49.7 *	.21	
(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																			
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	18	12	529	6	48	3	8,879	5	2.8	3.0 *	-.20	3.1 **	-.31	3.1 **	-.25	
		2	Sometimes	35	24	2,125	24	379	24	44,786	24								
		3	Often	43	30	2,687	30	508	32	58,173	31								
		4	Very often	49	34	3,471	39	676	42	77,567	41								
		Total	145	100	8,812	100	1,611	100	189,405	100									
b. People from an economic background other than your own	DDeconomic	1	Never	7	5	561	6	38	2	8,621	5	3.0	2.9	.11	3.2	-.14	3.1	-.02	
		2	Sometimes	31	21	2,263	26	329	20	42,729	23								
		3	Often	56	38	3,073	35	565	35	65,784	35								
		4	Very often	52	36	2,887	33	674	42	71,699	38								
		Total	146	100	8,784	100	1,606	100	188,833	100									
c. People with religious beliefs other than your own	DDreligion	1	Never	8	5	757	9	59	4	12,625	7	3.3	2.9 ***	.38	3.1 *	.20	3.0 ***	.30	
		2	Sometimes	23	16	2,386	27	386	24	48,575	26								
		3	Often	38	26	2,658	30	524	33	57,736	31								
		4	Very often	77	53	2,976	34	633	40	69,760	37								
		Total	146	100	8,777	100	1,602	100	188,696	100									
d. People with political views other than your own	DDpolitical	1	Never	12	8	675	8	75	5	12,159	6	3.2	2.8 ***	.37	3.0	.16	3.0 **	.24	
		2	Sometimes	23	16	2,575	29	385	24	48,745	26								
		3	Often	36	25	2,958	34	538	34	61,087	32								
		4	Very often	74	51	2,554	29	604	38	66,091	35								
		Total	145	100	8,762	100	1,602	100	188,082	100									

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	9	6	217	2	11	1	3,042	2	2.8	3.1 *** ▼	-.31	3.2 *** ▼	-.59	3.1 *** ▼	-.41	
		2	Sometimes	35	24	1,800	21	231	14	35,965	19								
		3	Often	76	52	4,067	46	731	46	83,917	45								
		4	Very often	25	17	2,686	31	629	39	64,928	35								
		Total	145	100	8,770	100	1,602	100	187,852	100									
b. Reviewed your notes after class	LSnotes	1	Never	17	12	766	9	94	6	9,215	5	2.6	2.7	-.05	2.9 ** ▼	-.27	2.9 *** ▼	-.35	
		2	Sometimes	47	32	3,372	39	524	33	55,102	29								
		3	Often	57	39	2,716	31	504	32	63,731	34								
		4	Very often	24	17	1,897	22	475	30	59,392	32								
		Total	145	100	8,751	100	1,597	100	187,440	100									
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	13	9	706	8	95	6	11,588	6	2.8	2.7	.03	2.8	-.07	2.8	-.09	
		2	Sometimes	45	31	2,925	34	492	31	56,504	30								
		3	Often	52	36	2,999	35	591	37	67,884	37								
		4	Very often	36	25	2,051	24	399	25	49,900	27								
		Total	146	100	8,681	100	1,577	100	185,876	100									
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	4	3	44	1	7	0	892	0	5.2	5.5 * ▼	-.28	5.5 ** ▼	-.33	5.6 ** ▼	-.35	
		2		2	1	104	1	16	1	1,756	1								
		3		16	11	284	3	49	3	5,564	3								
		4		19	13	957	11	144	9	18,621	10								
		5		42	29	2,896	33	518	32	61,073	33								
		6		28	19	2,667	31	562	35	57,161	31								
		7	Very much	34	23	1,788	20	301	19	42,307	23								
		Total	145	100	8,740	100	1,597	100	187,374	100									
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		13	9	1,563	18	53	3	20,070	11	6%	12% * ▼	-.22	10%	-.18	9%	-.13	
		Do not plan to do		3	2	712	8	37	2	8,003	4								
		Plan to do		121	83	5,414	62	1,339	84	142,386	76								
		Done or in progress		8	6	1,019	12	163	10	16,531	9								
		Total		145	100	8,708	100	1,592	100	186,990	100								

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	37	26	2,466	28	293	19	50,406	27	11%	9%	.06	14%	-.09	12%	-.03	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	23	16	3,003	35	144	9	42,540	23									
	Plan to do	69	48	2,402	28	921	58	71,336	38										
	Done or in progress	16	11	811	9	223	14	22,048	12										
	Total	145	100	8,682	100	1,581	100	186,330	100										
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom		Have not decided	52	36	3,103	36	345	22	59,457	32	11%	10%	.04	29% *** ▼	-.46	15%	-.11	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	28	19	2,773	32	393	25	49,051	26									
	Plan to do	48	33	1,913	22	381	24	50,182	27										
	Done or in progress	16	11	855	10	459	29	27,184	15										
	Total	144	100	8,644	100	1,578	100	185,874	100										
d. Participate in a study abroad program	abroad		Have not decided	40	28	2,762	32	286	18	51,045	27	4%	3%	.07	4%	-.02	3%	.04	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	22	15	2,738	32	241	15	48,217	26									
	Plan to do	77	53	2,911	34	983	62	80,109	43										
	Done or in progress	6	4	245	3	71	4	6,430	3										
	Total	145	100	8,656	100	1,581	100	185,801	100										
e. Work with a faculty member on a research project	research		Have not decided	47	33	3,313	38	560	36	69,567	38	6%	3%	.13	5%	.01	5%	.01	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	28	19	2,412	28	249	16	42,500	23									
	Plan to do	61	42	2,655	31	680	43	63,428	34										
	Done or in progress	8	6	249	3	84	5	9,729	5										
	Total	144	100	8,629	100	1,573	100	185,224	100										
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	51	36	3,365	39	501	32	57,139	31	3%	2%	.02	2%	.03	3%	.01	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	15	10	1,660	19	90	6	18,342	10									
	Plan to do	73	51	3,383	39	947	60	104,997	57										
	Done or in progress	4	3	208	2	36	2	4,792	3										
	Total	143	100	8,616	100	1,574	100	185,270	100										

12. About how many of your courses at this institution have included a community-based project (service-learning)?

servcourse	1	None	65	46	4,758	55	941	60	86,074	47	1.7	1.5 ** ▲	.23	1.5 *** ▲	.33	1.6	.09
	2	Some	57	40	3,182	37	537	34	82,584	45							
	3	Most	18	13	591	7	85	5	13,480	7							
	4	All	2	1	104	1	16	1	2,590	1							
	Total		142	100	8,635	100	1,579	100	184,728	100							

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	Q1student	1	Poor	2	1	112	1	16	1	2,867	2	5.6	5.6	-.03	5.6	-.03	5.5	.05	
		2	1	1	169	2	17	1	3,767	2									
		3	5	3	336	4	75	5	8,691	5									
		4	20	14	817	9	138	9	19,971	11									
		5	30	21	1,898	22	390	24	44,972	24									
		6	41	28	2,536	29	496	31	52,485	28									
		7	Excellent	42	29	2,628	30	457	29	52,092	28								
		—	Not applicable	3	2	186	2	4	0	1,371	1								
		Total	144	100	8,682	100	1,593	100	186,216	100									
b. Academic advisors	Q1advisor	1	Poor	21	15	352	4	61	4	6,682	4	4.0	5.0 ***	-.56	5.0 ***	-.61	5.2 ***	-.70	
		2	12	8	402	5	83	5	8,950	5									
		3	17	12	576	7	143	9	14,365	8									
		4	31	22	1,018	12	244	15	24,228	13									
		5	29	20	1,462	17	339	21	36,303	20									
		6	19	13	1,521	18	334	21	39,502	21									
		7	Excellent	13	9	1,570	18	372	23	50,472	27								
		—	Not applicable	2	1	1,762	20	9	1	5,335	3								
		Total	144	100	8,663	100	1,585	100	185,837	100									
c. Faculty	Q1faculty	1	Poor	12	8	198	2	23	1	3,539	2	4.1	5.2 ***	-.75	5.3 ***	-.86	5.3 ***	-.82	
		2	11	8	285	3	40	3	5,407	3									
		3	19	13	528	6	79	5	10,990	6									
		4	40	28	1,105	13	197	13	24,221	13									
		5	33	23	2,160	25	475	30	46,213	25									
		6	17	12	2,419	28	488	31	52,086	28									
		7	Excellent	10	7	1,678	19	261	17	40,669	22								
		—	Not applicable	2	1	258	3	11	1	1,930	1								
		Total	144	100	8,631	100	1,574	100	185,055	100									

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	13	9	359	4	48	3	7,916	4	4.1	5.0 *** ▼	-.53	5.0 *** ▼	-.58	5.0 *** ▼	-.57	
		2		11	8	385	4	74	5	8,451	5								
		3		24	17	527	6	106	7	13,069	7								
		4		29	20	954	11	259	16	24,720	13								
		5		27	19	1,534	18	393	25	38,077	21								
		6		20	14	1,661	19	345	22	39,765	21								
		7	Excellent	9	6	1,364	16	246	16	35,649	19								
		—	Not applicable	11	8	1,856	21	109	7	17,616	10								
		Total		144	100	8,640	100	1,580	100	185,263	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	19	13	322	4	85	5	8,337	4	3.9	5.0 *** ▼	-.64	4.6 *** ▼	-.41	4.9 *** ▼	-.59	
		2		10	7	408	5	88	6	9,824	5								
		3		22	15	600	7	147	9	14,785	8								
		4		28	19	1,073	12	262	17	26,790	14								
		5		28	19	1,741	20	356	23	39,196	21								
		6		20	14	1,836	21	287	18	38,870	21								
		7	Excellent	8	6	1,489	17	175	11	35,106	19								
		—	Not applicable	9	6	1,198	14	178	11	12,623	7								
		Total		144	100	8,667	100	1,578	100	185,531	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	2	2	118	1	21	1	2,733	2	3.4	3.2 *** ▲	.39	3.2 ** ▲	.28	3.2 *** ▲	.32	
		2	Some	10	8	1,309	16	208	14	26,916	15								
		3	Quite a bit	46	36	4,009	49	688	45	79,196	45								
		4	Very much	70	55	2,825	34	598	39	66,996	38								
		Total		128	100	8,261	100	1,515	100	175,841	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	16	13	334	4	37	2	5,791	3	2.6	3.0 *** ▼	-.45	3.1 *** ▼	-.60	3.1 *** ▼	-.61	
		2	Some	38	30	1,810	22	300	20	32,514	19								
		3	Quite a bit	53	41	3,700	45	634	42	71,899	41								
		4	Very much	21	16	2,351	29	524	35	64,216	37								
		Total		128	100	8,195	100	1,495	100	174,420	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	22	17	720	9	57	4	8,904	5	2.6	2.9 ** ▼	-.27	3.1 *** ▼	-.59	3.1 *** ▼	-.61	
		2	Some	31	24	2,038	25	288	19	29,514	17								
		3	Quite a bit	49	39	3,136	38	583	39	63,482	36								
		4	Very much	25	20	2,274	28	574	38	72,375	42								
		Total		127	100	8,168	100	1,502	100	174,275	100								

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	16	13	1,488	18	180	12	19,446	11	2.8	2.5 ** ▲	.28	2.7	.09	2.8	.00	
		2	Some	32	25	2,683	33	501	33	49,483	28								
		3	Quite a bit	45	35	2,544	31	449	30	58,681	34								
		4	Very much	34	27	1,451	18	374	25	46,762	27								
		Total	127	100	8,166	100	1,504	100	174,372	100									
e. Providing opportunities to be involved socially	SEsocial	1	Very little	17	13	716	9	59	4	9,508	5	2.9	2.8	.03	3.0 * ▼	-.22	3.0	-.19	
		2	Some	28	22	2,158	26	331	22	37,667	22								
		3	Quite a bit	39	31	3,182	39	594	40	67,460	39								
		4	Very much	43	34	2,115	26	516	34	59,533	34								
		Total	127	100	8,171	100	1,500	100	174,168	100									
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	20	16	767	9	83	6	11,292	6	2.7	2.8	-.09	3.0 * ▼	-.25	3.0 *	-.26	
		2	Some	26	20	2,045	25	348	23	38,532	22								
		3	Quite a bit	47	37	3,171	39	609	41	66,711	38								
		4	Very much	34	27	2,175	27	461	31	57,284	33								
		Total	127	100	8,158	100	1,501	100	173,819	100									
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	38	30	2,278	28	277	19	35,876	21	2.2	2.2	-.01	2.4 * ▼	-.23	2.4 **	-.24	
		2	Some	41	33	3,002	37	569	38	61,155	35								
		3	Quite a bit	34	27	2,025	25	440	30	48,905	28								
		4	Very much	12	10	833	10	199	13	27,773	16								
		Total	125	100	8,138	100	1,485	100	173,709	100									
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	18	15	1,110	14	59	4	14,238	8	2.7	2.6	.02	3.0 *** ▼	-.45	2.9 **	-.27	
		2	Some	35	28	2,410	30	338	23	41,244	24								
		3	Quite a bit	43	35	2,979	37	572	38	65,366	38								
		4	Very much	28	23	1,635	20	517	35	52,476	30								
		Total	124	100	8,134	100	1,486	100	173,324	100									
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	22	17	1,493	18	124	8	24,278	14	2.6	2.4 * ▲	.18	2.7	-.17	2.6	-.03	
		2	Some	35	28	3,004	37	493	33	56,345	33								
		3	Quite a bit	44	35	2,488	31	543	36	56,728	33								
		4	Very much	25	20	1,117	14	331	22	35,573	21								
		Total	126	100	8,102	100	1,491	100	172,924	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

Statistical Comparisons^b

				AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB	Canada		AUB Comparison		NSSE 2015 & 2016	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
15. About how many hours do you spend in a typical 7-day week doing the following?																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	0	0	43	1	6	0	825	0	16.2	15.8	.04	16.4	-.03	14.6	.18
	(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	20	16	1,065	13	115	8	22,595	13							
	8	6-10 hrs	21	16	1,700	21	277	19	40,119	23								
	13	11-15 hrs	22	17	1,523	19	331	22	37,682	22								
	18	16-20 hrs	22	17	1,383	17	329	22	32,218	19								
	23	21-25 hrs	21	16	996	12	203	14	19,628	11								
	28	26-30 hrs	10	8	673	8	126	8	10,577	6								
	33	More than 30 hrs	12	9	787	10	104	7	10,283	6								
	Total		128	100	8,170	100	1,491	100	173,927	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	41	32	3,781	47	204	14	54,279	31	5.0	3.5 **	.27	7.2 ***	-.34	5.6	-.09
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	45	35	2,659	33	551	37	58,369	34							
	8	6-10 hrs	21	17	887	11	368	25	28,200	16								
	13	11-15 hrs	10	8	397	5	186	13	15,178	9								
	18	16-20 hrs	6	5	185	2	98	7	9,028	5								
	23	21-25 hrs	4	3	100	1	41	3	4,107	2								
	28	26-30 hrs	0	0	40	0	17	1	1,572	1								
	33	More than 30 hrs	0	0	44	1	16	1	2,118	1								
	Total		127	100	8,093	100	1,481	100	172,851	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	109	87	7,404	91	1,086	73	134,366	78	1.6	1.0	.16	2.5	-.17	2.4	-.15
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	3	2	233	3	106	7	8,295	5							
	8	6-10 hrs	6	5	207	3	173	12	13,907	8								
	13	11-15 hrs	1	1	111	1	67	5	8,487	5								
	18	16-20 hrs	3	2	84	1	43	3	5,513	3								
	23	21-25 hrs	2	2	41	1	6	0	1,499	1								
	28	26-30 hrs	0	0	15	0	4	0	507	0								
	33	More than 30 hrs	1	1	37	0	2	0	770	0								
	Total		125	100	8,132	100	1,487	100	173,344	100								

NSSE 2016 FREQUENCIES AND STATISTICAL COMPARISONS • 16

NSSE 2016 Frequencies and Statistical Comparisons

American University of Beirut

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	100	82	4,866	60	1,251	84	118,873	69	1.8	6.2 *** ▼	-.47	2.1	-.05	5.1 *** ▼	-.36	
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	10	8	448	6	51	3	8,616	5								
		8	6-10 hrs	2	2	671	8	53	4	9,440	5								
		13	11-15 hrs	5	4	683	8	51	3	8,840	5								
		18	16-20 hrs	2	2	617	8	29	2	9,308	5								
		23	21-25 hrs	3	2	311	4	20	1	6,228	4								
		28	26-30 hrs	0	0	157	2	11	1	3,774	2								
		33	More than 30 hrs	0	0	362	4	16	1	7,654	4								
		Total			122	100	8,115	100	1,482	100	172,733								100
Estimated number of hours working for pay	tmworkhrs											3.1	7.1 *** ▼	-.38	4.5	-.16	7.5 *** ▼	-.40	
	(Continuous variable created by NSSE)																		
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	67	54	5,082	63	765	52	95,369	55	3.3	2.1 * ▲	.27	2.4 * ▲	.24	2.4	.19	
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	29	23	2,145	27	560	38	56,440	33								
		8	6-10 hrs	18	14	440	5	94	6	10,796	6								
		13	11-15 hrs	5	4	202	3	30	2	4,576	3								
		18	16-20 hrs	4	3	107	1	17	1	2,491	1								
		23	21-25 hrs	2	2	55	1	6	0	1,122	1								
		28	26-30 hrs	0	0	18	0	3	0	422	0								
		33	More than 30 hrs	0	0	30	0	4	0	692	0								
		Total			125	100	8,079	100	1,479	100	171,908								100
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	3	2	103	1	15	1	3,104	2	12.9	12.7	.02	12.7	.03	12.1	.10	
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	24	19	1,563	19	250	17	37,279	22								
		8	6-10 hrs	40	32	2,205	27	413	28	47,809	28								
		13	11-15 hrs	18	14	1,727	21	331	22	35,479	21								
		18	16-20 hrs	14	11	1,132	14	256	17	22,749	13								
		23	21-25 hrs	11	9	554	7	102	7	11,272	7								
		28	26-30 hrs	6	5	280	3	42	3	5,172	3								
		33	More than 30 hrs	10	8	520	6	68	5	9,695	6								
		Total			126	100	8,084	100	1,477	100	172,559								100

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2016 Frequencies and Statistical Comparisons

American University of Beirut

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016			
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e			
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	62	50	5,703	71	1,293	87	130,671	76	3.8	3.3	.07	1.3 ***	.53	2.7	.16			
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	36	29	1,110	14	96	6	18,439	11										
	8	6-10 hrs	9	7	387	5	29	2	7,789	5											
	13	11-15 hrs	8	7	248	3	26	2	4,623	3											
	18	16-20 hrs	3	2	168	2	18	1	2,963	2											
	23	21-25 hrs	2	2	76	1	7	0	1,557	1											
	28	26-30 hrs	2	2	68	1	2	0	884	1											
	33	More than 30 hrs	1	1	306	4	15	1	5,358	3											
	Total		123	100	8,066	100	1,486	100	172,284	100											
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	15	12	1,913	24	795	54	73,642	43	7.6	4.6 ***	.57	2.8 ***	.92	3.6 ***	.72			
	(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	46	38	3,977	49	483	33	64,628	37										
	8	6-10 hrs	30	25	1,398	17	109	7	19,956	12											
	13	11-15 hrs	19	16	475	6	43	3	7,273	4											
	18	16-20 hrs	5	4	188	2	26	2	3,553	2											
	23	21-25 hrs	2	2	79	1	11	1	1,504	1											
	28	26-30 hrs	0	0	39	0	5	0	701	0											
	33	More than 30 hrs	5	4	49	1	11	1	1,742	1											
	Total		122	100	8,118	100	1,483	100	172,999	100											
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																					
reading		1	Very little	16	13	1,166	14	92	6	18,845	11	2.6	2.8 *	-.17	3.1 ***	-.41	2.8 *	-.19			
		2	Some	46	37	2,357	29	402	27	53,354	31										
		3	About half	39	31	2,073	26	452	30	51,244	30										
		4	Most	19	15	1,740	21	394	26	35,717	21										
		5	Almost all	6	5	782	10	147	10	13,437	8										
		Total		126	100	8,118	100	1,487	100	172,597	100										
tmreadinghrs												6.8	7.5	-.10	8.6 **	-.28	7.0	-.03			
(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																					

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2016 Frequencies and Statistical Comparisons

American University of Beirut

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
	tmreadinghrscol	1	0 hrs	0	0	41	1	6	0	760	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	63	50	3,756	46	534	36	82,472	48								
		3	More than 5, up to 10 hrs	37	29	2,248	28	476	32	51,329	30								
		4	More than 10, up to 15 hrs	11	9	887	11	218	15	18,482	11								
		5	More than 15, up to 20 hrs	8	6	545	7	125	8	9,592	6								
		6	More than 20, up to 25 hrs	7	6	410	5	85	6	6,531	4								
		7	More than 25 hrs	0	0	196	2	34	2	2,610	2								
		Total	126	100	8,083	100	1,478	100	171,776	100									
17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																			
a. Writing clearly and effectively	pgwrite	1	Very little	3	2	845	10	101	7	12,613	7	3.0	2.7 *** ▲	.29	2.9	.09	2.8	.12	
	2	Some	33	27	2,472	30	370	25	45,098	26									
	3	Quite a bit	55	44	3,181	39	624	42	70,917	41									
	4	Very much	33	27	1,616	20	385	26	44,117	26									
	Total	124	100	8,114	100	1,480	100	172,745	100										
b. Speaking clearly and effectively	pgspeak	1	Very little	9	7	1,432	18	152	10	19,034	11	2.8	2.4 *** ▲	.38	2.7	.15	2.7	.12	
	2	Some	37	30	2,842	35	486	33	52,593	31									
	3	Quite a bit	48	39	2,668	33	550	37	63,767	37									
	4	Very much	30	24	1,151	14	289	20	36,814	21									
	Total	124	100	8,093	100	1,477	100	172,208	100										
c. Thinking critically and analytically	pgthink	1	Very little	4	3	289	4	39	3	5,645	3	3.1	3.1	.04	3.2	-.09	3.1	-.01	
	2	Some	27	22	1,600	20	249	17	32,190	19									
	3	Quite a bit	47	38	3,538	44	623	42	74,469	43									
	4	Very much	46	37	2,660	33	557	38	59,937	35									
	Total	124	100	8,087	100	1,468	100	172,241	100										
d. Analyzing numerical and statistical information	pganalyze	1	Very little	11	9	1,963	24	200	14	25,586	15	2.8	2.4 *** ▲	.43	2.6 * ▲	.21	2.6 ** ▲	.22	
	2	Some	33	27	2,454	30	472	32	54,371	32									
	3	Quite a bit	49	40	2,359	29	507	34	57,319	33									
	4	Very much	31	25	1,304	16	296	20	34,769	20									
	Total	124	100	8,080	100	1,475	100	172,045	100										

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2016 Frequencies and Statistical Comparisons

American University of Beirut

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean		Mean		Mean		Mean	
														Effect size ^e		Effect size ^e		Effect size ^e	
e. Acquiring job- or work- related knowledge and skills	pgwork	1	Very little	28	22	1,475	18	161	11	23,304	14	2.5	2.5	-.02	2.7 *	-0.22	2.6	-0.15	
		2	Some	35	28	2,605	32	466	32	54,382	32								
		3	Quite a bit	36	29	2,497	31	523	36	57,543	33								
		4	Very much	26	21	1,521	19	323	22	36,942	21								
		Total		125	100	8,098	100	1,473	100	172,171	100								
f. Working effectively with others	pgothers	1	Very little	9	7	775	10	83	6	11,694	7	2.9	2.8	.16	2.9	.04	2.9	.05	
		2	Some	31	25	2,358	29	416	28	46,475	27								
		3	Quite a bit	50	40	3,018	37	595	40	68,655	40								
		4	Very much	36	29	1,918	24	383	26	45,077	26								
		Total		126	100	8,069	100	1,477	100	171,901	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	14	11	1,252	16	133	9	19,836	12	2.7	2.6	.15	2.8	-.15	2.7	-.03	
		2	Some	33	27	2,580	32	366	25	48,534	28								
		3	Quite a bit	53	43	2,709	34	569	39	61,407	36								
		4	Very much	24	19	1,530	19	404	27	42,194	25								
		Total		124	100	8,071	100	1,472	100	171,971	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	13	10	1,332	16	158	11	18,074	11	2.9	2.5 ***	.33	2.7	.14	2.8	.09	
		2	Some	27	22	2,607	32	455	31	48,736	28								
		3	Quite a bit	50	40	2,625	33	502	34	60,591	35								
		4	Very much	35	28	1,509	19	357	24	44,629	26								
		Total		125	100	8,073	100	1,472	100	172,030	100								
i. Solving complex real- world problems	pgprobsolve	1	Very little	25	20	1,155	14	135	9	20,697	12	2.4	2.6	-.12	2.7 *	-0.23	2.6 *	-0.21	
		2	Some	37	30	2,731	34	523	36	56,405	33								
		3	Quite a bit	41	34	2,713	34	535	36	59,459	35								
		4	Very much	19	16	1,465	18	280	19	35,325	21								
		Total		122	100	8,064	100	1,473	100	171,886	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	17	14	1,176	15	130	9	21,944	13	2.7	2.5	.13	2.7	-0.06	2.6	.02	
		2	Some	33	26	2,814	35	474	32	54,864	32								
		3	Quite a bit	51	41	2,638	33	543	37	58,244	34								
		4	Very much	24	19	1,412	18	313	21	36,201	21								
		Total		125	100	8,040	100	1,460	100	171,253	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2016 Frequencies and Statistical Comparisons

American University of Beirut

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	10	8	160	2	23	2	3,055	2	3.0	3.2 ***	-30	3.3 ***	-39	3.2 ***	-34	
		2	Fair	15	12	967	12	166	11	20,020	12								
		3	Good	67	54	4,082	50	691	47	83,877	49								
		4	Excellent	33	26	2,905	36	606	41	65,860	38								
		Total		125	100	8,114	100	1,486	100	172,812	100								
19. If you could start over again, would you go to the <i>same institution</i> you are now attending?																			
	sameinst	1	Definitely no	10	8	189	2	54	4	6,347	4	3.2	3.3 *	-21	3.2	-03	3.2	-09	
		2	Probably no	12	10	809	10	207	14	20,831	12								
		3	Probably yes	51	40	3,301	41	621	42	71,302	41								
		4	Definitely yes	53	42	3,826	47	603	41	74,541	43								
		Total		126	100	8,125	100	1,485	100	173,021	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2016 Frequencies and Statistical Comparisons

American University of Beirut

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	2	1	499	6	43	2	6,418	2	3.1	2.9 *	.18	3.2	-.17	3.2	-.13	
		2	Sometimes	40	29	2,716	32	410	20	64,005	23								
		3	Often	46	33	2,614	30	664	33	87,605	31								
		4	Very often	52	37	2,754	32	898	45	123,600	44								
		Total	140	100	8,583	100	2,015	100	281,628	100									
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	32	23	2,255	26	563	28	57,274	21	2.4	2.3	.05	2.2 *	.19	2.4	-.06	
		2	Sometimes	49	36	2,771	33	756	38	97,005	35								
		3	Often	30	22	1,984	23	411	21	70,338	25								
		4	Very often	27	20	1,508	18	267	13	54,627	20								
		Total	138	100	8,518	100	1,997	100	279,244	100									
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	11	8	838	10	156	8	17,996	6	2.8	2.8	-.05	2.8	-.02	3.0 **	-.27	
		2	Often	34	24	1,652	19	397	20	38,727	14								
		3	Sometimes	70	50	4,270	50	1,148	58	150,646	54								
		4	Never	24	17	1,726	20	284	14	70,587	25								
		Total	139	100	8,486	100	1,985	100	277,956	100									
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	60	44	3,964	47	520	26	116,697	42	1.9	1.8	.10	2.1 ***	-.30	1.9	-.02	
		2	Sometimes	45	33	3,049	36	890	45	101,302	37								
		3	Often	24	18	960	11	372	19	35,256	13								
		4	Very often	8	6	498	6	200	10	23,457	8								
		Total	137	100	8,471	100	1,982	100	276,712	100									
e. Asked another student to help you understand course material	CLaskhelp	1	Never	24	18	1,188	14	158	8	37,088	13	2.2	2.4 **	-.25	2.6 ***	-.42	2.4 **	-.26	
		2	Sometimes	69	51	3,593	42	858	44	120,171	44								
		3	Often	31	23	2,496	29	602	31	77,898	28								
		4	Very often	11	8	1,194	14	349	18	41,066	15								
		Total	135	100	8,471	100	1,967	100	276,223	100									
f. Explained course material to one or more students	CLexplain	1	Never	6	4	647	8	64	3	15,364	6	2.7	2.7	.03	2.8	-.12	2.8	-.02	
		2	Sometimes	53	39	2,871	34	637	33	96,383	35								
		3	Often	47	35	3,178	38	805	41	103,187	37								
		4	Very often	30	22	1,739	21	452	23	60,388	22								
		Total	136	100	8,435	100	1,958	100	275,322	100									

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American University of Beirut

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	16	12	1,466	17	199	10	49,245	18	2.6	2.6	.02	2.7	-.13	2.5	.07	
		2	Sometimes	52	39	2,665	32	656	34	94,362	34								
		3	Often	39	29	2,453	29	630	32	75,739	28								
		4	Very often	27	20	1,844	22	470	24	55,621	20								
		Total	134	100	8,428	100	1,955	100	274,967	100									
h. Worked with other students on course projects or assignments	CLproject	1	Never	10	8	814	10	59	3	18,711	7	3.0	2.9	.09	3.0	-.03	2.9	.12	
		2	Sometimes	33	25	2,070	25	511	26	77,927	28								
		3	Often	38	29	2,693	32	726	37	95,544	35								
		4	Very often	51	39	2,844	34	653	34	82,025	30								
		Total	132	100	8,421	100	1,949	100	274,207	100									
i. Given a course presentation	present	1	Never	5	4	859	10	84	4	29,428	11	3.1	2.8 *** ▲	.29	2.9 * ▲	.21	2.7 *** ▲	.37	
		2	Sometimes	32	24	2,247	27	570	29	82,424	30								
		3	Often	39	30	2,779	33	710	36	88,452	32								
		4	Very often	56	42	2,495	30	583	30	72,817	27								
		Total	132	100	8,380	100	1,947	100	273,121	100									
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIIntegrate	1	Never	9	7	249	3	38	2	8,314	3	2.8	3.0 * ▼	-.20	3.0 ** ▼	-.24	3.0 * ▼	-.22	
		2	Sometimes	35	27	2,142	26	493	26	68,335	25								
		3	Often	59	45	3,412	41	772	41	106,886	40								
		4	Very often	29	22	2,490	30	586	31	84,745	32								
		Total	132	100	8,293	100	1,889	100	268,280	100									
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	7	5	427	5	75	4	15,135	6	2.9	2.9	.07	2.9	-.02	2.9	.06	
		2	Sometimes	36	27	2,446	30	517	28	77,945	29								
		3	Often	48	36	3,104	38	704	38	97,530	37								
		4	Very often	41	31	2,255	27	569	31	75,704	28								
		Total	132	100	8,232	100	1,865	100	266,314	100									
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	17	13	1,138	14	130	7	27,430	10	2.7	2.6	.15	2.8	-.09	2.7	.02	
		2	Sometimes	37	28	2,896	35	597	32	89,053	33								
		3	Often	43	33	2,501	30	666	36	85,129	32								
		4	Very often	34	26	1,681	20	478	26	64,312	24								
		Total	131	100	8,216	100	1,871	100	265,924	100									

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	12	9	427	5	64	3	11,546	4	2.8	2.8	.00	2.9	-.14	2.9	-.11	
		2	Sometimes	34	26	2,634	32	523	28	76,495	29								
		3	Often	55	42	3,382	41	807	43	109,672	41								
		4	Very often	30	23	1,761	21	473	25	67,468	25								
		Total	131	100	8,204	100	1,867	100	265,181	100									
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	5	4	319	4	49	3	8,202	3	3.1	2.9 * Δ	.24	3.0	.13	3.0	.15	
		2	Sometimes	30	23	2,252	28	463	25	66,998	25								
		3	Often	41	32	3,512	43	786	43	111,336	42								
		4	Very often	53	41	2,089	26	551	30	77,813	29								
		Total	129	100	8,172	100	1,849	100	264,349	100									
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	3	2	138	2	34	2	5,466	2	3.0	3.0	-.03	3.0	-.08	3.0	-.02	
		2	Sometimes	32	26	2,099	26	439	24	70,957	27								
		3	Often	57	46	3,645	45	820	45	111,535	42								
		4	Very often	33	26	2,260	28	549	30	75,700	29								
		Total	125	100	8,142	100	1,842	100	263,658	100									
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	4	3	68	1	23	1	2,575	1	3.2	3.2	.02	3.2	-.01	3.2	-.02	
		2	Sometimes	12	10	1,287	16	276	15	39,781	15								
		3	Often	62	49	3,659	45	788	43	112,355	43								
		4	Very often	48	38	3,124	38	744	41	107,948	41								
		Total	126	100	8,138	100	1,831	100	262,659	100									
3. During the current school year, about how often have you done the following?																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	39	31	2,181	27	240	13	45,740	17	2.2	2.2	.03	2.6 *** ▼	-.39	2.5 ** ▼	-.26	
		2	Sometimes	40	32	3,344	41	713	39	102,029	39								
		3	Often	27	22	1,666	20	489	27	65,995	25								
		4	Very often	18	15	940	12	402	22	49,113	19								
		Total	124	100	8,131	100	1,844	100	262,877	100									
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	59	48	4,303	53	581	32	112,100	43	1.9	1.7	.16	2.2 ** ▼	-.29	2.0	-.08	
		2	Sometimes	32	26	2,203	27	601	33	76,467	29								
		3	Often	18	15	983	12	361	20	42,043	16								
		4	Very often	14	11	618	8	291	16	31,407	12								
		Total	123	100	8,107	100	1,834	100	262,017	100									

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American University of Beirut

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	33	27	2,347	29	314	17	67,887	26	2.2	2.1	.13	2.4	-.17	2.2	.00	
		2	Sometimes	47	38	3,388	42	794	43	103,566	40								
		3	Often	27	22	1,607	20	460	25	56,982	22								
		4	Very often	16	13	757	9	265	14	33,299	13								
		Total	123	100	8,099	100	1,833	100	261,734	100									
d. Discussed your academic performance with a faculty member	SFperform	1	Never	36	29	2,892	36	396	22	59,198	23	2.2	1.9 ▲	.33	2.3	-.03	2.2	.01	
		2	Sometimes	41	33	3,365	42	793	43	113,799	44								
		3	Often	27	22	1,250	15	395	22	56,917	22								
		4	Very often	19	15	574	7	239	13	31,324	12								
		Total	123	100	8,081	100	1,823	100	261,238	100									
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	9	7	753	9	133	7	23,724	9	3.1	2.7 ▲	.34	2.8 ▲	.27	2.7 ▲	.35	
		2	Some	24	20	2,446	30	512	28	80,827	31								
		3	Quite a bit	41	33	3,042	37	747	41	98,041	37								
		4	Very much	49	40	1,877	23	438	24	59,386	23								
		Total	123	100	8,118	100	1,830	100	261,978	100									
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	10	8	259	3	59	3	6,985	3	2.9	3.0	-.19	3.1 ▼	-.27	3.1 ▼	-.30	
		2	Some	30	25	1,666	21	325	18	46,875	18								
		3	Quite a bit	43	36	3,617	45	793	43	112,202	43								
		4	Very much	37	31	2,544	31	650	36	94,948	36								
		Total	120	100	8,086	100	1,827	100	261,010	100									
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	8	7	349	4	59	3	8,736	3	3.0	3.0	.04	3.1	-.14	3.1	-.09	
		2	Some	24	20	1,855	23	331	18	51,243	20								
		3	Quite a bit	46	38	3,386	42	724	40	106,344	41								
		4	Very much	43	36	2,469	31	704	39	93,819	36								
		Total	121	100	8,059	100	1,818	100	260,142	100									
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	9	8	512	6	80	4	12,917	5	3.0	2.9	.12	3.0	-.06	3.0	-.01	
		2	Some	23	19	2,135	27	384	21	59,337	23								
		3	Quite a bit	50	42	3,291	41	752	41	106,546	41								
		4	Very much	38	32	2,113	26	598	33	81,239	31								
		Total	120	100	8,051	100	1,814	100	260,039	100									

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	3	3	466	6	82	5	11,165	4	3.0	2.9	.13	3.0	-.01	3.0	-.01	
		2	Some	34	29	2,127	26	407	23	59,660	23								
		3	Quite a bit	41	35	3,444	43	756	42	108,598	42								
		4	Very much	38	33	2,009	25	557	31	80,101	31								
		Total	116	100	8,046	100	1,802	100	259,524	100									
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	3	3	245	3	36	2	5,629	2	3.1	3.0	.05	3.1	-.06	3.2	-.12	
		2	Some	28	24	1,576	19	318	18	42,634	16								
		3	Quite a bit	43	36	3,832	47	826	46	112,823	43								
		4	Very much	44	37	2,439	30	634	35	100,130	38								
		Total	118	100	8,092	100	1,814	100	261,216	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	4	3	277	3	37	2	7,405	3	3.1	3.0	.11	3.1	.00	3.1	-.02	
		2	Some	23	19	1,480	18	339	19	45,227	17								
		3	Quite a bit	47	40	4,058	50	821	45	115,503	44								
		4	Very much	44	37	2,250	28	613	34	92,469	35								
		Total	118	100	8,065	100	1,810	100	260,604	100									
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	1	1	340	4	49	3	8,680	3	3.3	3.0 ** ▲	.30	3.1	.18	3.1	.18	
		2	Some	21	18	1,586	20	319	18	46,386	18								
		3	Quite a bit	38	32	3,529	44	759	42	104,146	40								
		4	Very much	57	49	2,585	32	680	38	100,938	39								
		Total	117	100	8,040	100	1,807	100	260,150	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	16	14	1,387	17	229	13	26,752	10	2.8	2.5 ** △	.28	2.6	.15	2.8	-.02	
		2	Some	28	24	2,672	33	577	32	71,459	27								
		3	Quite a bit	38	32	2,512	31	604	33	87,006	33								
		4	Very much	35	30	1,485	18	393	22	74,818	29								
		Total	117	100	8,056	100	1,803	100	260,035	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	17	14	787	10	143	8	18,061	7	2.7	2.7	.00	2.8	-.14	2.9 * ▽	-.24	
		2	Some	33	28	2,611	32	524	29	68,508	26								
		3	Quite a bit	41	35	3,168	39	708	39	99,462	38								
		4	Very much	27	23	1,480	18	423	24	73,136	28								
		Total	118	100	8,046	100	1,798	100	259,167	100									

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	12	11	1,533	19	204	11	32,623	13	2.6	2.4 *	.20	2.7	-.08	2.6	.01	
		2	Sometimes	44	39	2,771	34	565	31	85,882	33								
		3	Often	31	27	2,430	30	594	33	87,133	33								
		4	Very often	27	24	1,354	17	453	25	55,102	21								
		Total	114	100	8,088	100	1,816	100	260,740	100									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	30	26	1,919	24	303	17	48,389	19	2.4	2.3	.14	2.5	-.11	2.4	-.04	
		2	Sometimes	33	29	3,201	40	658	36	96,119	37								
		3	Often	30	26	1,972	24	499	28	72,307	28								
		4	Very often	22	19	984	12	350	19	43,504	17								
		Total	115	100	8,076	100	1,810	100	260,319	100									
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	23	21	1,763	22	244	13	44,689	17	2.4	2.3	.09	2.6 *	-.20	2.4	-.05	
		2	Sometimes	42	38	3,186	39	626	34	99,411	38								
		3	Often	28	25	2,093	26	597	33	75,434	29								
		4	Very often	19	17	1,027	13	348	19	40,290	16								
		Total	112	100	8,069	100	1,815	100	259,824	100									
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum (Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	6	6	376	5	52	3	12,049	5	7.2	7.6	-.05	8.8 *	-.23	8.0	-.11	
		1.5	1-2	21	22	1,311	18	215	13	42,305	18								
		4	3-5	21	22	2,123	29	459	27	66,553	28								
		8	6-10	25	26	1,701	23	424	25	53,443	22								
		13	11-15	12	13	797	11	237	14	26,803	11								
		18	16-20	6	6	444	6	144	9	15,139	6								
		23	More than 20	5	5	566	8	154	9	23,356	10								
		Total	96	100	7,318	100	1,685	100	239,648	100									
b. Between 6 and 10 pages	wrmednum (Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	18	19	758	10	222	13	46,314	20	4.2	4.8	-.14	3.9	.06	3.7	.10	
		1.5	1-2	27	29	2,072	28	565	34	81,632	34								
		4	3-5	28	30	2,446	33	534	32	63,039	27								
		8	6-10	11	12	1,394	19	224	14	29,386	12								
		13	11-15	6	6	463	6	74	4	9,483	4								
		18	16-20	4	4	159	2	25	2	3,902	2								
		23	More than 20	0	0	112	2	13	1	3,524	1								
		Total	94	100	7,404	100	1,657	100	237,280	100									

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. 11 pages or more	wrlongnum	0	None	28	29	1,718	24	560	34	98,178	42	3.5	3.2	.07	2.0 **	.50	2.0 **	.40	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	30	31	2,900	40	706	43	88,163	38								
		4	3-5	22	23	1,570	22	257	16	28,829	12								
		8	6-10	9	9	615	8	71	4	9,540	4								
		13	11-15	4	4	240	3	20	1	4,182	2								
		18	16-20	2	2	103	1	7	0	1,980	1								
		23	More than 20	2	2	113	2	8	0	2,715	1								
		Total		97	100	7,259	100	1,629	100	233,587	100								
Estimated number of assigned pages of student writing.	wrpages											95.7	105.7	-.10	86.3	.12	81.9	.16	
	(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																		

8. During the current school year, about how often have you had discussions with people from the following groups?

a. People of a race or ethnicity other than your own	DDrace	1	Never	11	11	466	6	65	4	11,909	5	2.9		3.0	-.16	3.1	-.22	3.1 *	-.24
		2	Sometimes	30	31	1,961	25	445	26	57,236	23								
		3	Often	16	16	2,202	29	495	29	71,174	29								
		4	Very often	40	41	3,073	40	703	41	105,593	43								
			Total	97	100	7,702	100	1,708	100	245,912	100								
b. People from an economic background other than your own	DDeconomic	1	Never	6	6	465	6	60	4	10,167	4	3.1		3.0	.14	3.1	-.03	3.1	.00
		2	Sometimes	23	24	1,973	26	365	21	53,986	22								
		3	Often	22	23	2,599	34	586	34	82,642	34								
		4	Very often	44	46	2,640	34	692	41	98,393	40								
			Total	95	100	7,677	100	1,703	100	245,188	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	6	6	623	8	68	4	15,175	6	3.4		2.9 ***	.50	3.0 ***	.38	3.0 ***	.40
		2	Sometimes	12	12	2,132	28	452	27	62,612	26								
		3	Often	19	19	2,284	30	532	31	73,420	30								
		4	Very often	62	63	2,630	34	652	38	93,697	38								
			Total	99	100	7,669	100	1,704	100	244,904	100								
d. People with political views other than your own	DDpolitical	1	Never	7	7	536	7	77	5	13,618	6	3.3		2.9 ***	.50	3.0 ***	.37	3.0 ***	.36
		2	Sometimes	11	12	2,193	29	434	26	60,776	25								
		3	Often	19	20	2,555	33	572	34	78,107	32								
		4	Very often	58	61	2,370	31	618	36	91,506	38								
			Total	95	100	7,654	100	1,701	100	244,007	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2016 Frequencies and Statistical Comparisons

American University of Beirut

Seniors

				Frequency Distributions ^a								Statistical Comparisons ^b							
												Your seniors compared with							
				AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	2	2	206	3	28	2	4,971	2	3.2	3.2	.02	3.3	-.13	3.2	-.05	
		2	Sometimes	15	16	1,320	17	237	14	39,379	16								
		3	Often	43	45	3,204	42	678	40	97,047	40								
		4	Very often	36	38	2,939	38	760	45	103,160	42								
		Total	96	100	7,669	100	1,703	100	244,557	100									
b. Reviewed your notes after class	LSnotes	1	Never	18	19	1,169	15	193	11	18,385	8	2.5	2.5	.02	2.7	-.16	2.9 **	▼	
		2	Sometimes	33	34	2,841	37	573	34	73,112	30								
		3	Often	22	23	2,117	28	500	29	75,916	31								
		4	Very often	24	25	1,514	20	434	26	76,460	31								
		Total	97	100	7,641	100	1,700	100	243,873	100									
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	10	11	809	11	144	9	16,456	7	2.9	2.7 *	.20	2.8	.08	2.9	-.01	
		2	Sometimes	25	26	2,547	34	490	29	68,146	28								
		3	Often	27	28	2,483	33	606	36	84,764	35								
		4	Very often	33	35	1,750	23	443	26	72,505	30								
		Total	95	100	7,589	100	1,683	100	241,871	100									
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	1	1	42	1	11	1	1,505	1	5.4	5.5	-.06	5.5	-.06	5.7 *	▼	
		2		1	1	99	1	22	1	2,941	1								
		3		3	3	274	4	47	3	6,975	3								
		4		10	11	780	10	180	11	20,583	8								
		5		34	36	2,579	34	554	33	68,118	28								
		6		29	31	2,359	31	560	33	74,869	31								
		7	Very much	16	17	1,523	20	315	19	68,739	28								
		Total	94	100	7,656	100	1,689	100	243,730	100									
11. Which of the following have you done or do you plan to do before you graduate? ^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided	8	8	689	9	64	4	19,248	8	53%	48%	.09	78% ***	-.54	53%	.00		
		Do not plan to do	19	20	2,145	28	138	8	43,158	18									
		Plan to do	18	19	1,126	15	172	10	52,645	22									
		Done or in progress	50	53	3,681	48	1,325	78	128,613	53									
		Total	95	100	7,641	100	1,699	100	243,664	100									
		(Means indicate the percentage who responded "Done or in progress.")																	

NSSE 2016 Frequencies and Statistical Comparisons

American University of Beirut

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean		Mean		Mean		Mean	
														Effect size ^e		Effect size ^e		Effect size ^e	
b. Hold a formal leadership role in a student organization or group	leader (Means indicate the percentage who responded "Done or in progress.")		Have not decided	11	12	745	10	81	5	24,565	10	33%	35%	-.04	63% ***	▼	-.61	38%	-.11
			Do not plan to do	37	39	3,736	49	469	28	108,090	44								
			Plan to do	16	17	502	7	81	5	18,191	7								
			Done or in progress	31	33	2,640	35	1,066	63	92,190	38								
			Total	95	100	7,623	100	1,697	100	243,036	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom (Means indicate the percentage who responded "Done or in progress.")		Have not decided	20	21	996	13	122	7	30,204	12	22%	21%	.02	36% **	▼	-.32	26%	-.09
			Do not plan to do	43	45	4,330	57	860	51	128,641	53								
			Plan to do	12	13	664	9	96	6	21,777	9								
			Done or in progress	21	22	1,608	21	618	36	61,837	26								
			Total	96	100	7,598	100	1,696	100	242,459	100								
d. Participate in a study abroad program	abroad (Means indicate the percentage who responded "Done or in progress.")		Have not decided	17	18	957	13	84	5	27,004	11	8%	11%	-.12	39% ***	▼	-.80	16% *	▼
			Do not plan to do	49	53	5,241	69	857	51	160,764	66								
			Plan to do	19	21	571	8	89	5	16,898	7								
			Done or in progress	7	8	839	11	666	39	37,730	16								
			Total	92	100	7,608	100	1,696	100	242,396	100								
e. Work with a faculty member on a research project	research (Means indicate the percentage who responded "Done or in progress.")		Have not decided	13	14	1,058	14	124	7	34,243	14	24%	24%	.00	37% *	▼	-.28	25%	-.02
			Do not plan to do	42	44	3,775	50	816	49	117,626	49								
			Plan to do	17	18	916	12	116	7	28,670	12								
			Done or in progress	23	24	1,834	24	625	37	60,923	25								
			Total	95	100	7,583	100	1,681	100	241,462	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone (Means indicate the percentage who responded "Done or in progress.")		Have not decided	5	5	926	12	85	5	20,831	9	40%	38%	.06	56% **	▼	-.32	48%	-.16
			Do not plan to do	35	37	2,749	36	491	29	49,710	21								
			Plan to do	16	17	1,066	14	161	10	54,433	22								
			Done or in progress	38	40	2,850	38	953	56	117,203	48								
			Total	94	100	7,591	100	1,690	100	242,177	100								

12. About how many of your courses at this institution have included a community-based project (service-learning)?

servcourse	1	None	35	37	3,525	46	777	46	89,344	37	1.8	1.6 *	.24	1.6 **	▲	.33	1.8	.05
	2	Some	45	48	3,338	44	818	49	123,502	51								
	3	Most	11	12	638	8	74	4	24,607	10								
	4	All	3	3	94	1	15	1	4,563	2								
	Total		94	100	7,595	100	1,684	100	242,016	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2016 Frequencies and Statistical Comparisons

American University of Beirut

Seniors

Seniors				Frequency Distributions ^a								Statistical Comparisons ^b							
												Your seniors compared with							
				AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	Qlstudent	1	Poor	4	4	86	1	24	1	2,699	1	5.3	5.8 **	-0.38	5.7 *	-0.25	5.7 *	-0.28	
		2		2	2	97	1	26	2	3,641	1								
		3		6	6	194	3	67	4	9,006	4								
		4		14	15	548	7	153	9	21,289	9								
		5		18	19	1,533	20	386	23	54,805	23								
		6	25	26	2,343	31	505	30	71,258	29									
		7	Excellent	27	28	2,526	33	530	31	77,678	32								
		—	Not applicable	0	0	307	4	2	0	2,814	1								
	Total	96	100	7,634	100	1,693	100	243,190	100										
b. Academic advisors	Qladvisor	1	Poor	10	11	357	5	122	7	11,374	5	4.2	5.0 ***	-0.47	4.7 *	-0.27	5.3 ***	-0.60	
		2		15	16	361	5	134	8	11,963	5								
		3		7	7	541	7	179	11	17,120	7								
		4		16	17	882	12	256	15	27,651	11								
		5		21	22	1,442	19	326	19	42,534	18								
		6	9	9	1,466	19	307	18	50,456	21									
		7	Excellent	16	17	1,612	21	359	21	77,496	32								
		—	Not applicable	1	1	953	13	8	0	4,171	2								
	Total	95	100	7,614	100	1,691	100	242,765	100										
c. Faculty	Qlfaculty	1	Poor	8	8	109	1	30	2	3,560	1	4.4	5.5 ***	-0.85	5.4 ***	-0.73	5.6 ***	-0.91	
		2		9	9	184	2	43	3	5,009	2								
		3		10	11	330	4	86	5	10,315	4								
		4		20	21	813	11	212	13	24,279	10								
		5		23	24	1,691	22	406	24	52,979	22								
		6	10	11	2,505	33	540	32	73,546	30									
		7	Excellent	14	15	1,831	24	355	21	70,034	29								
		—	Not applicable	1	1	122	2	4	0	1,866	1								
	Total	95	100	7,585	100	1,676	100	241,588	100										

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2016 Frequencies and Statistical Comparisons

American University of Beirut

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	7	7	356	5	113	7	11,793	5	4.2	4.9 *** ▼	-.40	4.6	-.20	4.9 *** ▼	-.41	
		2		8	8	342	5	117	7	11,169	5								
		3		16	17	492	6	191	11	16,751	7								
		4		15	16	839	11	289	17	30,378	13								
		5		17	18	1,410	19	395	23	44,088	18								
		6		12	13	1,448	19	288	17	43,864	18								
		7	Excellent	10	11	1,111	15	234	14	41,760	17								
		—	Not applicable	10	11	1,584	21	63	4	42,230	17								
	Total	95	100	7,582	100	1,690	100	242,033	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	15	16	306	4	175	10	12,770	5	3.9	5.0 *** ▼	-.69	4.2	-.19	4.9 *** ▼	-.59	
		2		12	13	352	5	150	9	13,267	5								
		3		10	11	555	7	167	10	19,927	8								
		4		15	16	983	13	344	20	35,711	15								
		5		23	24	1,645	22	354	21	50,949	21								
		6		11	12	1,791	24	250	15	50,019	21								
		7	Excellent	8	8	1,331	17	172	10	47,424	20								
		—	Not applicable	1	1	648	9	78	5	12,449	5								
	Total	95	100	7,611	100	1,690	100	242,516	100										
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	1	1	136	2	43	3	4,523	2	3.5	3.1 *** ▲	.56	3.2 *** ▲	.43	3.2 *** ▲	.47	
		2	Some	7	8	1,255	17	238	15	37,503	16								
		3	Quite a bit	23	27	3,549	48	700	43	102,766	44								
		4	Very much	55	64	2,410	33	646	40	87,998	38								
		Total	86	100	7,350	100	1,627	100	232,790	100									
b. Providing support to help students succeed academically	SEacademic	1	Very little	16	19	444	6	110	7	11,094	5	2.6	2.8 * ▼	-.32	2.8 * ▼	-.31	3.0 *** ▼	-.48	
		2	Some	22	26	1,915	26	432	27	52,479	23								
		3	Quite a bit	31	36	3,337	46	669	41	96,899	42								
		4	Very much	17	20	1,602	22	402	25	70,499	31								
		Total	86	100	7,298	100	1,613	100	230,971	100									
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	9	11	839	12	147	9	18,833	8	2.6	2.6	-.02	2.7	-.09	2.9 ** ▼	-.29	
		2	Some	29	35	2,271	31	521	32	55,706	24								
		3	Quite a bit	30	36	2,782	38	603	37	86,566	37								
		4	Very much	16	19	1,373	19	344	21	69,909	30								
		Total	84	100	7,265	100	1,615	100	231,014	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2016 Frequencies and Statistical Comparisons

American University of Beirut

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB	Canada		AUB Comparison		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	16	19	1,584	22	337	21	36,418	16	2.7	2.4 *** ▲	.40	2.4 *** ▲	.37	2.6	.14
		2	Some	16	19	2,594	36	580	36	72,089	31							
		3	Quite a bit	26	31	2,070	28	441	27	70,953	31							
		4	Very much	26	31	1,041	14	247	15	51,627	22							
		Total		84	100	7,289	100	1,605	100	231,087	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	19	23	785	11	80	5	19,203	8	2.8	2.7	.04	3.0	-.20	2.9	-.10
		2	Some	14	17	2,047	28	407	25	58,322	25							
		3	Quite a bit	18	21	2,784	38	622	39	87,123	38							
		4	Very much	33	39	1,664	23	497	31	66,204	29							
		Total		84	100	7,280	100	1,606	100	230,852	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	19	22	871	12	160	10	26,285	11	2.5	2.7	-.23	2.7 *	-.28	2.8 *	-.30
		2	Some	24	28	2,059	28	464	29	60,883	26							
		3	Quite a bit	24	28	2,724	37	611	38	82,916	36							
		4	Very much	18	21	1,626	22	371	23	60,278	26							
		Total		85	100	7,280	100	1,606	100	230,362	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	42	50	2,522	35	512	32	76,731	33	1.8	2.0 *	-.22	2.1 *	-.28	2.1 **	-.31
		2	Some	24	29	2,745	38	604	38	78,888	34							
		3	Quite a bit	11	13	1,460	20	356	22	47,699	21							
		4	Very much	7	8	539	7	127	8	26,974	12							
		Total		84	100	7,266	100	1,599	100	230,292	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	18	21	1,243	17	127	8	33,670	15	2.6	2.5	.10	2.9 *	-.32	2.7	-.06
		2	Some	21	24	2,355	32	398	25	64,314	28							
		3	Quite a bit	25	29	2,437	34	603	38	78,809	34							
		4	Very much	22	26	1,216	17	473	30	52,920	23							
		Total		86	100	7,251	100	1,601	100	229,713	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	20	24	1,545	21	212	13	44,741	20	2.6	2.3 *	.31	2.6	.04	2.4	.17
		2	Some	16	20	2,837	39	565	35	80,103	35							
		3	Quite a bit	24	29	2,035	28	540	34	67,201	29							
		4	Very much	22	27	829	11	276	17	37,180	16							
		Total		82	100	7,246	100	1,593	100	229,225	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2016 Frequencies and Statistical Comparisons

American University of Beirut

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
15. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	0	0	58	1	7	0	886	0	15.6	15.9	-.03	15.6	.00	15.0	.07	
	(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	16	19	1,027	14	168	10	31,302	14								
	8	6-10 hrs	13	16	1,514	21	368	23	53,573	23									
	13	11-15 hrs	16	19	1,251	17	325	20	46,018	20									
	18	16-20 hrs	12	14	1,192	16	311	19	40,256	17									
	23	21-25 hrs	10	12	836	11	181	11	24,249	11									
	28	26-30 hrs	8	10	540	7	112	7	14,864	6									
	33	More than 30 hrs	8	10	858	12	135	8	19,267	8									
	Total	83	100	7,276	100	1,607	100	230,415	100										
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	23	28	3,150	44	288	18	96,811	42	5.5	4.3	.19	7.7 *	-.28	4.9	.09	
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	30	37	2,222	31	524	33	65,092	28								
	8	6-10 hrs	15	19	883	12	345	22	29,873	13									
	13	11-15 hrs	6	7	465	6	188	12	16,174	7									
	18	16-20 hrs	3	4	255	4	139	9	10,433	5									
	23	21-25 hrs	2	2	124	2	54	3	5,140	2									
	28	26-30 hrs	1	1	44	1	21	1	2,310	1									
	33	More than 30 hrs	1	1	82	1	36	2	3,404	1									
	Total	81	100	7,225	100	1,595	100	229,237	100										
c. Working for pay on campus	tmworkonhrs	0	0 hrs	66	80	5,565	77	860	54	158,901	69	2.4	2.4	.00	4.7 ***	-.35	3.9 *	-.20	
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	4	5	498	7	177	11	12,097	5								
	8	6-10 hrs	3	4	553	8	275	17	20,698	9									
	13	11-15 hrs	5	6	295	4	138	9	15,056	7									
	18	16-20 hrs	3	4	145	2	110	7	13,880	6									
	23	21-25 hrs	2	2	71	1	27	2	4,252	2									
	28	26-30 hrs	0	0	30	0	6	0	1,693	1									
	33	More than 30 hrs	0	0	79	1	9	1	2,968	1									
	Total	83	100	7,236	100	1,602	100	229,545	100										

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2016 Frequencies and Statistical Comparisons

American University of Beirut

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	61	75	3,745	52	974	61	100,112	44	3.0	8.6 *** ▼	-.49	6.1 *** ▼	-.32	11.9 *** ▼	-.68	
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	9	407	6	98	6	11,725	5								
		8	6-10 hrs	5	6	610	8	129	8	14,781	6								
		13	11-15 hrs	1	1	580	8	99	6	14,870	7								
		18	16-20 hrs	4	5	610	8	102	6	19,751	9								
		23	21-25 hrs	0	0	377	5	66	4	15,184	7								
		28	26-30 hrs	0	0	213	3	44	3	11,126	5								
		33	More than 30 hrs	3	4	692	10	75	5	41,120	18								
		Total		81	100	7,234	100	1,587	100	228,669	100								
	Estimated number of hours working for pay	tmworkhrs										5.1	10.9 *** ▼	-.49	10.8 *** ▼	-.53	15.7 *** ▼	-.81	
	(Continuous variable created by NSSE)																		
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	35	43	3,565	50	744	47	108,465	48	3.8	3.1	.14	3.0	.18	3.2	.10	
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	32	40	2,414	34	591	37	82,208	36								
		8	6-10 hrs	4	5	690	10	153	10	19,145	8								
		13	11-15 hrs	6	7	255	4	54	3	8,071	4								
		18	16-20 hrs	1	1	115	2	21	1	5,002	2								
		23	21-25 hrs	1	1	70	1	10	1	2,140	1								
		28	26-30 hrs	1	1	27	0	4	0	999	0								
		33	More than 30 hrs	1	1	46	1	8	1	2,046	1								
		Total		81	100	7,182	100	1,585	100	228,076	100								
	f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	1	1	88	1	28	2	6,705	3	14.0	12.3	.20	12.7	.16	10.6 ** ▲	.42
(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)		3	1-5 hrs	12	15	1,544	21	290	18	65,166	28								
		8	6-10 hrs	25	31	1,951	27	426	27	64,870	28								
		13	11-15 hrs	16	20	1,520	21	362	23	40,785	18								
		18	16-20 hrs	9	11	977	14	227	14	25,480	11								
		23	21-25 hrs	7	9	488	7	123	8	11,359	5								
		28	26-30 hrs	0	0	199	3	50	3	5,317	2								
		33	More than 30 hrs	11	14	423	6	87	5	9,214	4								
		Total		81	100	7,190	100	1,593	100	228,896	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2016 Frequencies and Statistical Comparisons

American University of Beirut

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	40	50	5,054	70	1,309	82	145,173	63	3.8	4.1	-.03	1.9 **	.34	6.2 ***	-0.21	
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	22	28	816	11	129	8	24,760	11								
	8	6-10 hrs	8	10	343	5	52	3	11,764	5									
	13	11-15 hrs	6	8	222	3	46	3	7,702	3									
	18	16-20 hrs	1	1	167	2	19	1	6,532	3									
	23	21-25 hrs	2	3	90	1	7	0	3,590	2									
	28	26-30 hrs	0	0	64	1	4	0	2,765	1									
	33	More than 30 hrs	1	1	443	6	29	2	26,407	12									
	Total		80	100	7,199	100	1,595	100	228,693	100									
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	13	16	946	13	639	40	50,919	22	6.7	4.9 *	.36	3.3 ***	.70	4.6 **	.38	
	(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	33	41	4,203	58	680	42	119,595	52								
	8	6-10 hrs	18	22	1,385	19	166	10	36,720	16									
	13	11-15 hrs	11	14	427	6	70	4	11,673	5									
	18	16-20 hrs	0	0	143	2	26	2	4,804	2									
	23	21-25 hrs	3	4	53	1	9	1	1,984	1									
	28	26-30 hrs	2	2	30	0	2	0	1,053	0									
	33	More than 30 hrs	1	1	54	1	9	1	2,880	1									
	Total		81	100	7,241	100	1,601	100	229,628	100									
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																			
reading	1	Very little	10	12	1,171	16	160	10	29,132	13	2.9	2.9	.03	3.1	-.13	2.9	.00		
	2	Some	20	24	1,885	26	387	24	60,036	26									
	3	About half	34	40	1,683	23	417	26	63,526	28									
	4	Most	7	8	1,677	23	446	28	53,124	23									
	5	Almost all	13	15	825	11	189	12	23,578	10									
	Total		84	100	7,241	100	1,599	100	229,396	100									
tmreadinghrs												7.8	7.6	.04	8.4	-.09	7.5	.05	
(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																			

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2016 Frequencies and Statistical Comparisons

American University of Beirut

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
	tmreadinghrscol	1	0 hrs	0	0	55	1	6	0	840	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	39	48	3,256	45	622	39	103,888	46								
		3	More than 5, up to 10 hrs	20	24	2,060	29	487	31	67,744	30								
		4	More than 10, up to 15 hrs	13	16	795	11	207	13	25,362	11								
		5	More than 15, up to 20 hrs	4	5	496	7	121	8	14,772	6								
		6	More than 20, up to 25 hrs	3	4	402	6	112	7	10,861	5								
		7	More than 25 hrs	3	4	150	2	37	2	4,814	2								
		Total	82	100	7,214	100	1,592	100	228,281	100									
17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																			
a. Writing clearly and effectively	pgwrite	1	Very little	8	10	344	5	83	5	12,883	6	3.2	3.1	.09	3.1	.09	3.1	.12	
		2	Some	13	16	1,424	20	308	19	47,174	21								
		3	Quite a bit	19	23	2,800	39	603	38	84,714	37								
		4	Very much	42	51	2,668	37	603	38	84,900	37								
		Total	82	100	7,236	100	1,597	100	229,671	100									
b. Speaking clearly and effectively	pgspeak	1	Very little	8	10	582	8	96	6	17,482	8	3.1	2.9	.21	3.1	.02	3.0	.15	
		2	Some	14	17	1,676	23	286	18	51,557	23								
		3	Quite a bit	24	29	2,815	39	604	38	83,346	36								
		4	Very much	38	45	2,135	30	604	38	76,535	33								
		Total	84	100	7,208	100	1,590	100	228,920	100									
c. Thinking critically and analytically	pgthink	1	Very little	3	4	124	2	37	2	5,547	2	3.2	3.4	-.16	3.4	-.21	3.3	-.10	
		2	Some	16	20	805	11	155	10	28,254	12								
		3	Quite a bit	21	26	2,597	36	534	33	82,099	36								
		4	Very much	42	51	3,677	51	869	54	112,988	49								
		Total	82	100	7,203	100	1,595	100	228,888	100									
d. Analyzing numerical and statistical information	pganalyze	1	Very little	11	13	1,177	16	160	10	25,778	11	2.9	2.6	.21	2.9	-.06	2.8	.04	
		2	Some	18	22	2,080	29	371	23	61,291	27								
		3	Quite a bit	26	31	2,144	30	506	32	71,970	31								
		4	Very much	28	34	1,810	25	556	35	69,759	30								
		Total	83	100	7,211	100	1,593	100	228,798	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2016 Frequencies and Statistical Comparisons

American University of Beirut

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Canada		AUB Comparison		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean		Mean		Mean		Mean	
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	18	22	936	13	151	9	19,929	9	2.6	2.7	-.12		2.9 *	-.33	3.0 **	-38
		2	Some	24	29	2,098	29	377	24	51,686	23								
		3	Quite a bit	15	18	2,327	32	530	33	75,912	33								
		4	Very much	26	31	1,861	26	538	34	81,575	36								
		Total		83	100	7,222	100	1,596	100	229,102	100								
f. Working effectively with others	pgothers	1	Very little	3	4	536	7	68	4	11,772	5	3.0	2.9	.04		3.1	-.17	3.1	-10
		2	Some	22	27	1,639	23	297	19	46,844	20								
		3	Quite a bit	31	38	2,743	38	593	37	84,434	37								
		4	Very much	26	32	2,287	32	632	40	85,561	37								
		Total		82	100	7,205	100	1,590	100	228,611	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	6	7	920	13	146	9	25,365	11	3.0	2.7 *	.28	Δ	2.9	.07	2.9	.15
		2	Some	19	23	1,946	27	351	22	54,993	24								
		3	Quite a bit	25	30	2,478	34	529	33	74,228	32								
		4	Very much	32	39	1,875	26	562	35	74,273	32								
		Total		82	100	7,219	100	1,588	100	228,859	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	4	5	996	14	173	11	24,124	11	3.1	2.7 ***	.39	▲	2.8 **	.31	2.8 *	.23
		2	Some	21	25	2,161	30	472	30	60,813	27								
		3	Quite a bit	25	30	2,307	32	519	33	73,972	32								
		4	Very much	34	40	1,759	24	431	27	69,962	31								
		Total		84	100	7,223	100	1,595	100	228,871	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	12	15	798	11	139	9	21,908	10	2.7	2.7	.00		2.9	-.15	2.8	-12
		2	Some	23	28	2,161	30	389	25	61,042	27								
		3	Quite a bit	23	28	2,538	35	614	39	79,345	35								
		4	Very much	24	29	1,717	24	444	28	66,377	29								
		Total		82	100	7,214	100	1,586	100	228,672	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	12	14	936	13	188	12	30,434	13	2.7	2.6	.11		2.8	-.03	2.7	.05
		2	Some	23	28	2,290	32	421	26	66,635	29								
		3	Quite a bit	22	27	2,366	33	535	34	72,302	32								
		4	Very much	26	31	1,601	22	447	28	58,416	26								
		Total		83	100	7,193	100	1,591	100	227,787	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2016 Frequencies and Statistical Comparisons

American University of Beirut

Seniors

Seniors				Frequency Distributions ^a								Statistical Comparisons ^b							
				AUB		Canada		AUB Comparison		NSSE 2015 & 2016		AUB		Your seniors compared with					
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	8	9	147	2	41	3	5,270	2	3.0	3.3 ** ▽	-.30	3.3 ** ▽	-.30	3.3 ** ▽	-.32	
		2	Fair	9	11	823	11	200	12	25,116	11								
		3	Good	40	47	3,320	46	644	40	99,992	44								
		4	Excellent	28	33	2,967	41	719	45	99,406	43								
		Total		85	100	7,257	100	1,604	100	229,784	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	7	8	255	4	102	6	10,761	5	3.0	3.3 * ▽	-.27	3.1	-.08	3.2	-.21	
		2	Probably no	14	16	868	12	263	16	29,185	13								
		3	Probably yes	32	38	2,862	39	584	36	87,724	38								
		4	Definitely yes	32	38	3,277	45	654	41	102,366	44								
		Total		85	100	7,262	100	1,603	100	230,036	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2016 Frequencies and Statistical Comparisons

Detailed Statistics^g American University of Beirut

First-Year Students

Variable Name	N		Mean			Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
														Comparisons with:			Comparisons with:			Comparisons with:		
	AUB	AUB	Canada	AUB Comparison	NSSE 2015 & 2016	AUB	Canada	AUB Comparison	NSSE 2015 & 2016	AUB	Canada	AUB Comparison	NSSE 2015 & 2016	Canada	AUB Comparison	NSSE 2015 & 2016	Canada	AUB Comparison	NSSE 2015 & 2016	Canada	AUB Comparison	NSSE 2015 & 2016
1 a. askquest	210	2.70	2.59	3.07	2.87	.055	.009	.018	.002	.80	.89	.81	.85	220	2,222	224,801	.056	.000	.003	.12	-.46	-.20
b. drafts	206	2.34	2.27	2.45	2.53	.066	.010	.022	.002	.95	.99	1.00	.98	10,173	2,192	222,962	.308	.115	.006	.07	-.12	-.19
c. unpreparedr	206	3.00	2.89	2.96	3.02	.057	.008	.017	.002	.82	.83	.77	.78	10,129	2,190	221,836	.061	.591	.613	.13	.04	-.04
d. attendart	201	1.71	1.66	2.18	1.99	.058	.008	.021	.002	.83	.84	.92	.94	10,090	2,177	220,847	.416	.000	.000	.06	-.51	-.30
e. CLaskhelp	201	2.30	2.61	2.68	2.64	.062	.009	.019	.002	.87	.89	.85	.88	10,070	2,161	220,262	.000	.000	.000	-.35	-.44	-.38
f. CLexplain	199	2.72	2.71	2.79	2.74	.055	.008	.018	.002	.77	.84	.77	.82	208	2,151	219,288	.825	.241	.823	.01	-.09	-.02
g. CLstudy	197	2.48	2.63	2.71	2.59	.065	.010	.021	.002	.91	.99	.93	.96	205	2,152	219,014	.022	.001	.106	-.15	-.25	-.12
h. CLproject	196	2.63	2.76	2.78	2.67	.059	.010	.019	.002	.82	.95	.84	.87	206	2,140	217,985	.041	.021	.513	-.13	-.17	-.05
i. present	195	2.30	2.10	2.34	2.32	.064	.010	.020	.002	.89	.94	.86	.90	9,972	2,121	217,186	.004	.526	.728	.21	-.05	-.02
2 a. RIintegrate	189	2.31	2.72	2.70	2.66	.053	.009	.019	.002	.72	.84	.83	.85	198	241	188	.000	.000	.000	-.49	-.49	-.42
b. RISocietal	183	2.36	2.65	2.77	2.64	.063	.009	.020	.002	.85	.87	.84	.86	9,740	2,023	210,634	.000	.000	.000	-.34	-.49	-.33
c. RIDiverse	183	2.26	2.41	2.74	2.60	.067	.010	.020	.002	.90	.93	.85	.89	9,720	2,015	210,137	.023	.000	.000	-.17	-.56	-.39
d. RIownview	182	2.57	2.67	2.81	2.78	.059	.008	.019	.002	.80	.83	.82	.82	9,686	2,009	209,278	.094	.000	.000	-.13	-.31	-.27
e. RIPerspect	180	2.80	2.82	2.89	2.89	.060	.008	.019	.002	.81	.83	.80	.81	9,653	2,004	208,537	.788	.143	.117	-.02	-.11	-.12
f. RInewview	182	2.73	2.91	2.90	2.88	.059	.008	.018	.002	.80	.77	.79	.80	9,630	1,996	207,723	.001	.004	.011	-.24	-.23	-.19
g. RIconnect	182	2.74	3.11	3.14	3.07	.059	.008	.018	.002	.79	.74	.74	.76	187	1,985	206,823	.000	.000	.000	-.50	-.54	-.44
3 a. SFcareer	181	1.89	1.81	2.22	2.23	.071	.009	.021	.002	.96	.86	.88	.91	186	211	206,968	.296	.000	.000	.09	-.37	-.37
b. SFotherwork	180	1.64	1.44	1.79	1.76	.064	.008	.020	.002	.86	.76	.86	.91	184	1,972	206,296	.002	.033	.089	.26	-.17	-.13
c. SFdiscuss	177	1.87	1.82	2.09	2.01	.068	.009	.021	.002	.90	.84	.87	.90	9,576	1,967	205,860	.481	.002	.032	.05	-.25	-.16
d. SFperform	178	1.95	1.73	2.18	2.13	.067	.008	.020	.002	.90	.82	.85	.88	9,557	1,961	205,492	.001	.000	.006	.26	-.27	-.21
4 a. memorize	178	2.92	2.94	2.93	2.95	.070	.009	.019	.002	.93	.85	.80	.82	183	204	177	.755	.857	.646	-.03	-.02	-.04
b. HOapply	177	2.88	2.98	3.06	2.97	.063	.008	.019	.002	.84	.80	.78	.80	182	208	204,959	.092	.007	.111	-.13	-.23	-.12
c. HOanalyze	175	2.86	2.89	3.08	2.97	.070	.009	.019	.002	.92	.83	.80	.82	179	200	174	.660	.004	.123	-.04	-.26	-.13
d. HOevaluate	176	2.66	2.75	3.00	2.93	.065	.009	.019	.002	.86	.87	.80	.82	9,502	207	175	.193	.000	.000	-.10	-.42	-.32
e. HOform	175	2.77	2.79	2.98	2.91	.065	.009	.019	.002	.86	.84	.80	.83	9,506	205	203,507	.705	.002	.026	-.03	-.27	-.17
5 a. ETgoals	174	2.92	3.05	3.11	3.11	.067	.008	.018	.002	.88	.77	.74	.77	178	198	173	.052	.006	.004	-.17	-.26	-.25
b. ETorganize	175	3.03	3.03	3.08	3.06	.068	.008	.018	.002	.90	.76	.76	.79	179	199	174	.939	.504	.655	.01	-.06	-.04
c. ETexample	172	3.11	3.05	3.10	3.08	.062	.008	.019	.002	.81	.81	.80	.82	9,520	1,930	203,755	.341	.870	.603	.07	.01	.04
d. ETdraftfb	172	2.72	2.50	2.83	2.85	.075	.010	.021	.002	.99	.97	.89	.92	9,511	199	171	.003	.139	.068	.23	-.13	-.15
e. ETfeedback	172	2.50	2.59	2.79	2.77	.073	.009	.021	.002	.95	.91	.87	.91	9,489	200	203,035	.217	.000	.000	-.10	-.33	-.30

NSSE 2016 Frequencies and Statistical Comparisons

Detailed Statistics^g American University of Beirut

First-Year Students

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j				Significance ^k			Effect size ^e		
	AUB	AUB	Canada	AUB Comparison	NSSE 2015 & 2016	AUB	Canada	AUB Comparison	NSSE 2015 & 2016	AUB	Canada	AUB Comparison	NSSE 2015 & 2016	Comparisons with:				Comparisons with:			Comparisons with:		
														Canada	AUB Comparison	NSSE 2015 & 2016	Canada	AUB Comparison	NSSE 2015 & 2016	Canada	AUB Comparison	NSSE 2015 & 2016	
6 a. QRconclude	172	2.55	2.31	2.62	2.55	.072	.010	.022	.002	.94	.94	.91	.92	9,526	1,936	204,132	.001	.377	.964	.25	-.07	.00	
b. QRproblem	174	2.09	2.10	2.37	2.29	.070	.009	.022	.002	.92	.91	.94	.93	9,514	1,936	203,749	.820	.000	.005	-.02	-.30	-.21	
c. QRevaluate	172	2.14	2.11	2.37	2.28	.065	.009	.022	.002	.85	.90	.90	.91	9,495	210	203,216	.645	.001	.047	.04	-.25	-.15	
7 a. wrshortnum	142	6.88	6.50	8.99	6.99	.492	.060	.156	.013	5.87	5.53	6.28	5.80	8,693	1,754	187,810	.413	.000	.820	.07	-.34	-.02	
b. wrmednum	135	2.53	2.98	2.46	2.27	.279	.038	.069	.007	3.24	3.47	2.73	3.06	8,611	151	183,317	.132	.826	.330	-.13	.02	.08	
c. wrlongnum	141	1.77	1.38	.70	.83	.296	.034	.058	.006	3.51	3.04	2.25	2.57	144	151	140	.190	.001	.002	.13	.45	.37	
— wrpages	134	62.15	61.37	55.30	49.65	6.154	.765	1.319	.144	71.24	68.32	50.75	60.35	8,110	145	133	.895	.278	.044	.01	.13	.21	
8 a. DDrace	145	2.85	3.03	3.12	3.08	.086	.010	.022	.002	1.03	.93	.87	.91	148	163	144	.034	.002	.008	-.20	-.31	-.25	
b. DDeconomic	146	3.05	2.94	3.17	3.06	.072	.010	.021	.002	.87	.92	.83	.89	8,928	1,750	188,977	.171	.098	.847	.11	-.14	-.02	
c. DDreligion	146	3.26	2.89	3.08	2.98	.076	.010	.022	.002	.92	.97	.88	.95	8,921	1,746	188,840	.000	.019	.000	.38	.20	.30	
d. DDpolitical	145	3.19	2.84	3.04	2.96	.082	.010	.022	.002	.99	.93	.90	.93	8,905	166	188,225	.000	.094	.004	.37	.16	.24	
9 a. LSreading	145	2.81	3.05	3.23	3.12	.066	.008	.018	.002	.79	.78	.71	.77	8,913	1,745	187,995	.000	.000	.000	-.31	-.59	-.41	
b. LSnotes	145	2.61	2.66	2.85	2.92	.075	.010	.023	.002	.90	.91	.92	.90	8,894	1,740	187,583	.518	.002	.000	-.05	-.27	-.35	
c. LSsummary	146	2.76	2.74	2.82	2.84	.077	.010	.022	.002	.93	.91	.88	.89	8,825	1,721	186,020	.756	.431	.282	.03	-.07	-.09	
10. challenge	145	5.16	5.48	5.53	5.55	.125	.012	.027	.003	1.50	1.15	1.10	1.13	147	158	144	.010	.004	.002	-.28	-.33	-.35	
11 a. intern ^l	145	.055	.117	.102	.088	.0190	.0034	.0076	.0007	--	--	--	--	--	--	--	.021	.068	.159	-.22	-.18	-.13	
b. leader ^l	145	.110	.093	.141	.118	.0261	.0031	.0088	.0007	--	--	--	--	--	--	--	.488	.306	.766	.06	-.09	-.03	
c. learncom ^l	144	.111	.099	.291	.146	.0263	.0032	.0114	.0008	--	--	--	--	--	--	--	.627	.000	.233	.04	-.46	-.11	
d. abroad ^l	145	.041	.028	.045	.035	.0166	.0018	.0052	.0004	--	--	--	--	--	--	--	.348	.844	.656	.07	-.02	.04	
e. research ^l	144	.056	.029	.053	.053	.0192	.0018	.0057	.0005	--	--	--	--	--	--	--	.060	.913	.871	.13	.01	.01	
f. capstone ^l	143	.028	.024	.023	.026	.0138	.0017	.0038	.0004	--	--	--	--	--	--	--	.767	.699	.874	.02	.03	.01	
12. servcourse	142	1.70	1.54	1.48	1.64	.062	.007	.016	.002	.74	.68	.65	.68	8,775	161	184,868	.007	.001	.276	.23	.33	.09	
13 a. QIstudent	141	5.60	5.63	5.63	5.52	.110	.014	.032	.003	1.31	1.34	1.26	1.37	8,635	1,728	184,984	.766	.733	.523	-.03	-.03	.05	
b. QIadvisor	142	4.01	4.98	5.03	5.19	.154	.021	.042	.004	1.84	1.72	1.66	1.67	7,041	1,716	180,642	.000	.000	.000	-.56	-.61	-.70	
c. QIfaculty	142	4.14	5.23	5.28	5.31	.134	.016	.033	.003	1.60	1.45	1.30	1.42	8,513	159	183,265	.000	.000	.000	-.75	-.86	-.82	
d. QIstaff	133	4.07	4.97	4.97	5.02	.146	.021	.040	.004	1.68	1.69	1.53	1.66	6,915	152	167,778	.000	.000	.000	-.53	-.58	-.57	
e. QIadmin	135	3.95	5.00	4.63	4.94	.151	.019	.044	.004	1.75	1.64	1.65	1.68	7,602	1,533	173,041	.000	.000	.000	-.64	-.41	-.59	
14 a. empstudy	128	3.44	3.15	3.23	3.20	.063	.008	.019	.002	.71	.73	.73	.75	8,387	1,641	175,967	.000	.002	.000	.39	.28	.32	
b. SEacademic	128	2.62	2.98	3.10	3.12	.080	.009	.021	.002	.91	.82	.80	.82	130	144	127	.000	.000	.000	-.45	-.60	-.61	
c. SElearnsup	127	2.61	2.85	3.11	3.14	.088	.010	.022	.002	.99	.93	.84	.88	129	142	126	.006	.000	.000	-.27	-.59	-.61	

NSSE 2016 Frequencies and Statistical Comparisons

Detailed Statistics^g American University of Beirut

First-Year Students

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	AUB	AUB	Canada	AUB Comparison	NSSE 2015 & 2016	AUB	Canada	AUB Comparison	NSSE 2015 & 2016	AUB	Canada	AUB Comparison	NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:		
														Canada	AUB Comparison	NSSE 2015 & 2016	Canada	AUB Comparison	NSSE 2015 & 2016	Canada	AUB Comparison	NSSE 2015 & 2016
d. SEdiverse	127	2.76	2.48	2.68	2.76	.088	.011	.025	.002	.99	.98	.98	.97	8,291	1,629	174,497	.002	.333	.978	.28	.09	.00
e. SEsocial	127	2.85	2.82	3.04	3.02	.092	.010	.022	.002	1.04	.92	.85	.88	129	141	126	.740	.042	.074	.03	-.22	-.19
f. SEwellness	127	2.75	2.83	2.96	2.98	.091	.010	.022	.002	1.02	.93	.87	.90	129	142	126	.384	.022	.013	-.09	-.25	-.26
g. SENonacad	125	2.16	2.17	2.38	2.39	.087	.011	.024	.002	.97	.95	.94	.99	8,261	1,608	173,832	.874	.013	.008	-.01	-.23	-.24
h. SEactivities	124	2.65	2.63	3.04	2.90	.089	.011	.022	.002	.99	.95	.86	.93	8,256	139	123	.804	.000	.006	.02	-.45	-.27
i. SEevents	126	2.57	2.40	2.73	2.60	.089	.010	.023	.002	1.00	.94	.90	.97	8,226	143	173,048	.041	.097	.748	.18	-.17	-.03
15 a. tmprephrs	128	16.16	15.82	16.37	14.64	.820	.102	.213	.020	9.28	9.20	8.23	8.37	8,296	145	127	.671	.804	.065	.04	-.03	.18
b. tmcocurrhrs	127	4.98	3.51	7.24	5.61	.521	.061	.174	.016	5.87	5.45	6.70	6.85	129	1,606	172,976	.006	.000	.307	.27	-.34	-.09
c. tmworkonhrs	125	1.62	.97	2.46	2.42	.466	.044	.129	.013	5.21	3.96	4.97	5.48	126	144	124	.165	.085	.090	.16	-.17	-.15
d. tmworkoffhrs	122	1.77	6.19	2.06	5.13	.444	.106	.154	.023	4.91	9.51	5.94	9.39	135	1,602	122	.000	.596	.000	-.47	-.05	-.36
— tmworkhrs	121	3.14	7.10	4.50	7.47	.813	.118	.218	.026	8.94	10.56	8.37	10.81	125	1,593	120	.000	.089	.000	-.38	-.16	-.40
e. tmsevicehrs	125	3.31	2.14	2.35	2.45	.457	.049	.103	.011	5.11	4.38	3.97	4.47	127	137	124	.012	.043	.061	.27	.24	.19
f. tmrelaxhrs	126	12.93	12.73	12.68	12.11	.824	.094	.204	.020	9.25	8.49	7.85	8.36	8,208	141	172,683	.793	.772	.269	.02	.03	.10
g. tmcarehrs	123	3.85	3.28	1.27	2.72	.584	.085	.121	.017	6.48	7.64	4.65	7.02	8,187	133	172,405	.411	.000	.075	.07	.53	.16
h. tmcommutehrs	122	7.59	4.58	2.77	3.61	.671	.058	.130	.013	7.41	5.23	5.02	5.50	123	130	121	.000	.000	.000	.57	.92	.72
16. reading	126	2.63	2.83	3.07	2.84	.093	.013	.028	.003	1.04	1.20	1.08	1.11	130	1,611	172,721	.033	.000	.036	-.17	-.41	-.19
— tmreadinghrs	126	6.84	7.51	8.65	6.99	.541	.074	.169	.015	6.07	6.66	6.50	6.01	8,207	1,602	171,900	.261	.003	.774	-.10	-.28	-.03
17 a. pgwrite	124	2.95	2.69	2.87	2.85	.071	.010	.023	.002	.79	.91	.88	.89	128	1,602	123	.000	.338	.150	.29	.09	.12
b. pgspeak	124	2.80	2.44	2.66	2.69	.080	.010	.024	.002	.89	.94	.91	.93	8,215	1,599	172,330	.000	.104	.183	.38	.15	.12
c. pgthink	124	3.09	3.06	3.16	3.10	.076	.009	.021	.002	.85	.82	.79	.81	8,209	1,590	172,363	.694	.363	.925	.04	-.09	-.01
d. pganalyze	124	2.81	2.37	2.61	2.59	.082	.011	.025	.002	.92	1.02	.95	.97	128	1,597	123	.000	.027	.009	.43	.21	.22
e. pgwork	125	2.48	2.50	2.68	2.63	.095	.011	.024	.002	1.06	1.00	.93	.97	8,221	141	124	.808	.039	.121	-.02	-.22	-.15
f. pgothers	126	2.90	2.75	2.87	2.86	.080	.010	.023	.002	.90	.92	.86	.89	8,193	1,601	172,025	.084	.695	.603	.16	.04	.05
g. pgvalues	124	2.70	2.56	2.85	2.73	.082	.011	.024	.002	.91	.97	.93	.96	8,193	1,594	172,093	.105	.098	.720	.15	-.15	-.03
h. pgdiverse	125	2.86	2.53	2.72	2.77	.085	.011	.025	.002	.95	.98	.95	.95	128	1,595	172,153	.000	.121	.291	.33	.14	.09
i. pgprobsolve	122	2.44	2.56	2.65	2.64	.089	.011	.023	.002	.99	.95	.89	.94	8,184	138	172,006	.188	.025	.023	-.12	-.23	-.21
j. pgcitizen	125	2.66	2.53	2.71	2.63	.084	.011	.024	.002	.94	.94	.90	.95	8,163	1,583	171,376	.149	.509	.803	.13	-.06	.02
18. evalexp	125	2.98	3.20	3.27	3.23	.075	.008	.019	.002	.84	.72	.72	.72	8,237	1,609	172,935	.001	.000	.000	-.30	-.39	-.34
19. sameinst	126	3.17	3.32	3.19	3.24	.080	.008	.021	.002	.90	.75	.81	.80	8,249	1,609	173,145	.019	.719	.324	-.21	-.03	-.09

NSSEID: 999030

NSSE 2016 Frequencies and Statistical Comparisons

Detailed Statistics^g

American University of Beirut

Seniors

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j				Significance ^k			Effect size ^e		
	AUB	AUB	Canada	AUB Comparison	NSSE 2015 & 2016	AUB	Canada	AUB Comparison	NSSE 2015 & 2016	AUB	Canada	AUB Comparison	NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:			
														Canada	AUB Comparison	NSSE 2015 & 2016	Canada	AUB Comparison	NSSE 2015 & 2016	Canada	AUB Comparison	NSSE 2015 & 2016	
1 a. askquest	140	3.06	2.89	3.20	3.17	.072	.010	.019	.002	.85	.93	.83	.85	8,721	2,153	281,766	.032	.051	.132	.18	.17	.13	
b. drafts	138	2.38	2.32	2.19	2.44	.089	.011	.022	.002	1.05	1.05	.99	1.02	8,654	2,133	279,380	.545	.035	.482	.05	.19	.06	
c. unpreparedr	139	2.77	2.81	2.79	2.99	.070	.009	.018	.002	.83	.87	.78	.81	8,623	2,122	138	.577	.815	.003	-.05	-.02	-.27	
d. attendart	137	1.85	1.76	2.13	1.88	.078	.009	.021	.002	.91	.87	.92	.93	8,606	2,117	276,847	.226	.001	.790	.10	-.30	-.02	
e. CLaskhelp	135	2.21	2.44	2.58	2.45	.072	.010	.020	.002	.83	.90	.87	.90	139	155	134	.003	.000	.002	-.25	-.42	-.26	
f. CLexplain	136	2.74	2.71	2.84	2.76	.073	.010	.018	.002	.85	.88	.81	.86	8,569	2,092	275,456	.690	.178	.838	.03	-.12	-.02	
g. CLstudy	134	2.57	2.55	2.70	2.50	.082	.011	.021	.002	.94	1.02	.95	1.01	8,560	2,087	275,099	.822	.134	.397	.02	-.13	.07	
h. CLproject	132	2.98	2.90	3.01	2.88	.085	.011	.019	.002	.97	.98	.85	.92	8,551	145	274,337	.316	.752	.183	.09	-.03	.12	
i. present	132	3.11	2.82	2.92	2.75	.078	.011	.020	.002	.90	.97	.87	.97	8,510	2,077	273,251	.001	.018	.000	.29	.21	.37	
2 a. RIntegrate	132	2.82	2.98	3.01	3.00	.074	.009	.019	.002	.85	.82	.81	.83	8,423	2,019	268,410	.024	.009	.013	-.20	-.24	-.22	
b. RISocietal	132	2.93	2.87	2.95	2.88	.078	.010	.020	.002	.89	.87	.86	.89	8,362	1,995	266,444	.443	.841	.486	.07	-.02	.06	
c. RIdiverse	131	2.72	2.58	2.80	2.70	.087	.011	.021	.002	.99	.96	.90	.95	8,345	145	266,053	.094	.373	.839	.15	-.09	.02	
d. RIownview	131	2.79	2.79	2.90	2.88	.079	.009	.019	.002	.90	.84	.81	.84	8,333	145	265,310	.965	.147	.206	.00	-.14	-.11	
e. RIPerspect	129	3.10	2.90	2.99	2.98	.078	.009	.019	.002	.89	.82	.81	.82	131	143	128	.013	.190	.123	.24	.13	.15	
f. RInewview	125	2.96	2.99	3.02	2.98	.070	.009	.018	.002	.79	.78	.78	.80	8,265	1,965	263,781	.712	.385	.817	-.03	-.08	-.02	
g. RIconnect	126	3.22	3.21	3.23	3.24	.067	.008	.017	.001	.75	.73	.74	.74	8,262	1,955	262,783	.840	.904	.788	.02	-.01	-.02	
3 a. SFcareer	124	2.19	2.17	2.57	2.45	.094	.011	.023	.002	1.04	.95	.97	.98	126	1,966	262,999	.785	.000	.004	.03	-.39	-.26	
b. SFotherwork	123	1.89	1.74	2.20	1.97	.094	.010	.025	.002	1.04	.94	1.05	1.03	8,228	1,955	262,138	.078	.002	.402	.16	-.29	-.08	
c. SFdiscuss	123	2.21	2.10	2.37	2.21	.089	.010	.022	.002	.99	.92	.93	.97	8,220	1,954	261,855	.168	.070	.987	.13	-.17	.00	
d. SFperform	123	2.24	1.94	2.26	2.23	.094	.010	.022	.002	1.04	.89	.94	.93	125	136	122	.002	.789	.960	.33	-.03	.01	
4 a. memorize	123	3.06	2.74	2.81	2.74	.085	.010	.021	.002	.94	.92	.88	.91	8,239	1,951	262,099	.000	.003	.000	.34	.27	.35	
b. HOapply	120	2.89	3.04	3.11	3.13	.086	.009	.019	.002	.94	.80	.81	.80	122	131	119	.080	.013	.006	-.19	-.27	-.30	
c. HOanalyze	121	3.02	2.99	3.14	3.10	.083	.009	.019	.002	.91	.84	.82	.83	8,178	1,937	260,261	.648	.139	.340	.04	-.14	-.09	
d. HOevaluate	120	2.98	2.87	3.03	2.98	.082	.010	.020	.002	.90	.87	.85	.86	8,169	1,932	260,157	.192	.495	.900	.12	-.06	-.01	
e. HOform	116	2.98	2.87	2.99	2.99	.079	.010	.020	.002	.85	.85	.85	.84	8,160	1,916	259,638	.156	.907	.899	.13	-.01	-.01	
5 a. ETgoals	118	3.08	3.05	3.13	3.18	.078	.009	.018	.002	.84	.78	.77	.78	120	1,930	261,332	.622	.497	.196	.05	-.06	-.12	
b. ETorganize	118	3.11	3.03	3.11	3.12	.077	.009	.018	.002	.83	.77	.77	.79	120	1,926	260,720	.283	.996	.845	.11	.00	-.02	
c. ETexample	117	3.29	3.04	3.15	3.14	.073	.009	.019	.002	.79	.83	.80	.82	8,155	1,922	260,265	.001	.057	.053	.30	.18	.18	
d. ETdraftfb	117	2.79	2.51	2.64	2.81	.095	.011	.023	.002	1.02	.98	.96	.97	8,171	1,918	260,150	.002	.121	.816	.28	.15	-.02	
e. ETfeedback	118	2.66	2.66	2.78	2.88	.091	.010	.021	.002	.99	.89	.89	.90	120	130	117	.976	.188	.019	.00	-.14	-.24	

NSSE 2016 Frequencies and Statistical Comparisons

Detailed Statistics^g

American University of Beirut

Seniors

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	AUB	AUB	Canada	AUB Comparison	NSSE 2015 & 2016	AUB	Canada	AUB Comparison	NSSE 2015 & 2016	AUB	Canada	AUB Comparison	NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:		
														Canada	AUB Comparison	NSSE 2015 & 2016	Canada	AUB Comparison	NSSE 2015 & 2016	Canada	AUB Comparison	NSSE 2015 & 2016
6 a. QRconclude	114	2.64	2.45	2.71	2.63	.090	.011	.023	.002	.96	.98	.96	.95	8,200	1,928	260,852	.035	.431	.923	.20	-.08	.01
b. QRproblem	115	2.38	2.25	2.50	2.43	.100	.011	.023	.002	1.07	.95	.99	.97	117	1,923	114	.191	.238	.664	.14	-.11	-.04
c. QRevaluate	112	2.38	2.30	2.58	2.43	.094	.011	.022	.002	1.00	.95	.95	.95	8,179	1,925	259,934	.327	.036	.619	.09	-.20	-.05
7 a. wrshortnum	96	7.23	7.58	8.76	7.99	.626	.075	.161	.014	6.14	6.44	6.62	6.79	7,412	1,779	239,742	.606	.027	.274	-.05	-.23	-.11
b. wrmednum	94	4.15	4.79	3.91	3.73	.466	.053	.098	.009	4.52	4.53	3.98	4.36	7,496	1,749	237,372	.173	.573	.342	-.14	.06	.10
c. wrlongnum	97	3.49	3.19	1.98	2.04	.485	.050	.072	.008	4.78	4.25	2.91	3.63	7,354	100	96	.477	.003	.003	.07	.50	.40
— wrpages	90	95.74	105.68	86.31	81.88	9.810	1.144	1.910	.184	93.06	95.42	76.34	88.01	7,048	96	227,762	.326	.348	.135	-.10	.12	.16
8 a. DDrace	97	2.88	3.02	3.07	3.10	.110	.011	.022	.002	1.08	.95	.91	.92	98	104	96	.186	.079	.045	-.16	-.22	-.24
b. DDeconomic	95	3.09	2.97	3.12	3.10	.100	.010	.021	.002	.98	.92	.86	.88	7,770	102	94	.174	.794	.973	.14	-.03	.00
c. DDreligion	99	3.38	2.90	3.04	3.00	.093	.011	.022	.002	.92	.97	.90	.94	7,766	1,801	245,001	.000	.000	.000	.50	.38	.40
d. DDpolitical	95	3.35	2.88	3.02	3.01	.098	.011	.022	.002	.95	.93	.89	.92	7,747	1,794	244,100	.000	.001	.000	.50	.37	.36
9 a. LSreading	96	3.18	3.16	3.27	3.22	.078	.009	.018	.002	.77	.80	.76	.78	7,763	1,797	244,651	.810	.223	.591	.02	-.13	-.05
b. LSnotes	97	2.54	2.52	2.69	2.86	.108	.011	.024	.002	1.06	.98	.98	.95	7,736	1,795	96	.875	.130	.003	.02	-.16	-.35
c. LSsummary	95	2.87	2.68	2.80	2.88	.104	.011	.023	.002	1.01	.94	.93	.92	7,682	1,776	241,964	.049	.459	.930	.20	.08	-.01
10. challenge	94	5.40	5.47	5.48	5.67	.119	.013	.028	.002	1.16	1.15	1.14	1.18	7,748	1,781	243,822	.573	.545	.030	-.06	-.06	-.22
11 a. intern ^l	95	.526	.482	.780	.528	.0515	.0057	.0101	.0010	--	--	--	--	--	--	--	.388	.000	.976	.09	-.54	.00
b. leader ^l	95	.326	.346	.628	.379	.0484	.0054	.0117	.0010	--	--	--	--	--	--	--	.684	.000	.287	-.04	-.61	-.11
c. learncom ^l	96	.219	.212	.364	.255	.0424	.0047	.0117	.0009	--	--	--	--	--	--	--	.865	.004	.415	.02	-.32	-.09
d. abroad ^l	92	.076	.110	.393	.156	.0278	.0036	.0119	.0007	--	--	--	--	--	--	--	.297	.000	.035	-.12	-.80	-.25
e. research ^l	95	.242	.242	.372	.252	.0442	.0049	.0118	.0009	--	--	--	--	--	--	--	.996	.011	.819	.00	-.28	-.02
f. capstone ^l	94	.404	.375	.564	.484	.0509	.0056	.0121	.0010	--	--	--	--	--	--	--	.567	.002	.122	.06	-.32	-.16
12. servcourse	94	1.81	1.64	1.60	1.77	.079	.008	.015	.001	.77	.69	.62	.70	7,687	1,776	242,108	.022	.002	.597	.24	.33	.05
13 a. QIstudent	96	5.32	5.79	5.65	5.69	.163	.015	.032	.003	1.60	1.25	1.32	1.29	97	102	95	.005	.050	.027	-.38	-.25	-.28
b. QIadvisor	94	4.21	5.03	4.72	5.26	.201	.021	.045	.004	1.95	1.73	1.85	1.75	95	1,775	93	.000	.011	.000	-.47	-.27	-.60
c. QIfaculty	94	4.35	5.50	5.37	5.58	.184	.016	.034	.003	1.78	1.35	1.37	1.36	94	99	93	.000	.000	.000	-.85	-.73	-.91
d. QIstaff	85	4.21	4.90	4.56	4.91	.192	.022	.043	.004	1.77	1.70	1.72	1.73	6,081	1,710	199,886	.000	.071	.000	-.40	-.20	-.41
e. QIadmin	94	3.89	5.01	4.23	4.91	.195	.019	.045	.004	1.89	1.62	1.79	1.72	95	1,704	93	.000	.074	.000	-.69	-.19	-.59
14 a. empstudy	86	3.53	3.12	3.20	3.18	.075	.009	.019	.002	.70	.75	.78	.76	7,434	1,711	232,874	.000	.000	.000	.56	.43	.47
b. SEacademic	86	2.57	2.84	2.85	2.98	.109	.010	.022	.002	1.01	.84	.88	.85	86	92	85	.017	.015	.000	-.32	-.31	-.48
c. SElearnsup	84	2.63	2.65	2.71	2.90	.100	.011	.022	.002	.92	.92	.90	.93	7,347	1,697	231,096	.885	.444	.008	-.02	-.09	-.29

NSSE 2016 Frequencies and Statistical Comparisons

Detailed Statistics^g

American University of Beirut

Seniors

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	AUB	AUB	Canada		NSSE 2015 & 2016	AUB	Canada		NSSE 2015 & 2016	AUB	Canada		NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:		
			AUB Comparison	NSSE 2015 & 2016			AUB Comparison	NSSE 2015 & 2016			AUB Comparison	NSSE 2015 & 2016		Canada	AUB Comparison	NSSE 2015 & 2016	Canada	AUB Comparison	NSSE 2015 & 2016	Canada	AUB Comparison	NSSE 2015 & 2016
d. SEdiverse	84	2.74	2.35	2.37	2.60	.120	.011	.024	.002	1.10	.97	.98	1.00	7,371	1,687	231,169	.000	.001	.194	.40	.37	.14
e. SESocial	84	2.77	2.73	2.96	2.87	.130	.011	.022	.002	1.20	.93	.87	.92	84	88	83	.749	.171	.474	.04	-.20	-.10
f. SEwellness	85	2.48	2.70	2.74	2.77	.115	.011	.023	.002	1.06	.95	.92	.96	86	91	84	.063	.029	.015	-.23	-.28	-.30
g. SENonacad	84	1.80	2.00	2.06	2.11	.105	.011	.023	.002	.97	.92	.93	1.00	7,348	1,681	230,374	.043	.011	.004	-.22	-.28	-.31
h. SEactivities	86	2.59	2.50	2.89	2.66	.117	.011	.023	.002	1.09	.96	.92	.99	87	92	229,797	.433	.015	.547	.10	-.32	-.06
i. SEevents	82	2.59	2.30	2.55	2.42	.125	.011	.023	.002	1.13	.93	.93	.98	82	87	81	.024	.796	.196	.31	.04	.17
15 a. tmpprephrs	83	15.59	15.88	15.57	14.99	1.061	.112	.217	.019	9.67	9.58	8.70	8.88	7,357	1,688	230,496	.781	.986	.542	-.03	.00	.07
b. tmcocurrhrs	81	5.54	4.31	7.71	4.92	.751	.075	.191	.015	6.76	6.37	7.64	7.02	7,304	1,674	229,316	.084	.012	.424	.19	-.28	.09
c. tmworkonhrs	83	2.42	2.41	4.74	3.88	.620	.068	.166	.015	5.65	5.78	6.66	7.18	7,317	94	82	.986	.000	.021	.00	-.35	-.20
d. tmworkoffhrs	81	3.02	8.58	6.10	11.89	.822	.133	.245	.027	7.39	11.31	9.76	13.08	84	95	80	.000	.001	.000	-.49	-.32	-.68
— tmworkhrs	81	5.06	10.94	10.77	15.67	1.040	.143	.275	.028	9.36	12.14	10.93	13.12	83	92	80	.000	.000	.000	-.49	-.53	-.81
e. tmervicehrs	81	3.80	3.07	2.95	3.24	.693	.060	.117	.011	6.24	5.10	4.66	5.42	7,261	85	228,155	.199	.231	.352	.14	.18	.10
f. tmrelaxhrs	81	13.95	12.29	12.66	10.56	1.057	.099	.207	.017	9.52	8.35	8.25	7.98	7,269	86	80	.075	.235	.002	.20	.16	.42
g. tmcarehrs	80	3.81	4.11	1.86	6.20	.693	.106	.142	.023	6.20	8.97	5.67	11.15	83	86	79	.676	.007	.001	-.03	.34	-.21
h. tmcommutehrs	81	6.72	4.92	3.31	4.62	.776	.059	.118	.012	6.98	4.98	4.71	5.55	81	84	80	.024	.000	.008	.36	.70	.38
16. reading	84	2.92	2.88	3.07	2.92	.130	.015	.029	.002	1.19	1.26	1.18	1.19	85	1,681	229,478	.756	.236	.971	.03	-.13	.00
— tmreadinghrs	82	7.80	7.56	8.42	7.47	.761	.079	.171	.014	6.89	6.68	6.81	6.47	7,294	1,672	228,361	.748	.423	.637	.04	-.09	.05
17 a. pgwrite	82	3.16	3.08	3.08	3.05	.113	.010	.022	.002	1.02	.87	.88	.89	82	87	81	.474	.501	.349	.09	.09	.12
b. pgspeak	84	3.10	2.90	3.08	2.96	.109	.011	.022	.002	1.00	.92	.89	.93	7,290	1,672	229,002	.056	.874	.171	.21	.02	.15
c. pgthink	82	3.24	3.36	3.40	3.32	.099	.009	.019	.002	.90	.75	.76	.78	82	87	81	.229	.122	.434	-.16	-.21	-.10
d. pganalyze	83	2.86	2.64	2.92	2.81	.114	.012	.025	.002	1.04	1.03	.99	.99	7,292	1,674	228,879	.054	.592	.689	.21	-.06	.04
e. pgwork	83	2.59	2.71	2.91	2.96	.126	.012	.024	.002	1.15	.99	.97	.96	83	88	82	.355	.014	.005	-.12	-.33	-.38
f. pgothers	82	2.98	2.94	3.13	3.07	.095	.011	.022	.002	.86	.92	.86	.88	7,285	1,670	228,691	.735	.125	.352	.04	-.17	-.10
g. pgvalues	82	3.01	2.74	2.95	2.86	.106	.012	.024	.002	.96	.98	.97	.99	7,299	1,668	228,939	.011	.565	.173	.28	.07	.15
h. pgdiverse	84	3.06	2.67	2.76	2.83	.101	.012	.024	.002	.92	.99	.97	.98	7,305	1,677	228,953	.000	.005	.032	.39	.31	.23
i. pgprobsolve	82	2.72	2.72	2.86	2.83	.115	.011	.023	.002	1.05	.95	.93	.96	7,294	88	228,752	.983	.238	.287	.00	-.15	-.12
j. pgcitizen	83	2.75	2.64	2.78	2.70	.116	.011	.025	.002	1.06	.97	.99	1.00	7,274	1,672	227,868	.335	.767	.646	.11	-.03	.05
18. evalexp	85	3.04	3.25	3.27	3.28	.098	.009	.019	.002	.91	.73	.78	.75	7,340	1,687	229,867	.006	.007	.003	-.30	-.30	-.32
19. sameinst	85	3.05	3.26	3.12	3.22	.102	.009	.023	.002	.94	.80	.90	.84	7,345	1,686	230,119	.014	.489	.052	-.27	-.08	-.21

NSSEID: 999030

Endnotes

- a. Due to nonstandard sampling or response issues, all counts and percentages are unweighted. Percentages may not sum to 100 due to rounding.
- b. Due to nonstandard sampling or response issues, all statistics are unweighted. Means calculated from ordered response options (e.g., Very often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent t -tests. Exceptions are the dichotomous High-Impact Practice items (11a to 11f) which are compared using a z -test.
- c. Items which make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective & Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- d. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.
- e. Effect size for independent t -tests uses Cohen's d ; z -tests use Cohen's h . See page 2 for more details.
- f. Statistical comparison uses z -test to compare the percentage who responded "Done or in progress."
- g. Due to nonstandard sampling or response issues, all statistics are unweighted.
- h. Standard error of the mean for ordered and continuous variables; standard error of the proportion for items indicating "Done or in progress" (High-Impact Practices). The 95% confidence interval is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- i. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- j. Degrees of freedom used to compute the t -tests. Values differ from N s due to whether equal variances were assumed.
- k. Statistical comparisons are two-tailed independent t -tests or z -tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.
- l. Mean represents the proportion who responded "Done or in progress."