
American University of Beirut

NSSE 2018 Major Field Report, Part II

Comparisons to Other Institutions

FEA

*Comparing your students majoring in the fields shown below to those
in the same fields at your comparison group institutions*

The Major Field Report group 'FEA' includes the following majors: Aero-, astronautical engineering; Bioengineering; Biomedical engineering; Chemical engineering; Civil engineering; Computer engineering and technology; Electrical or electronic engineering; Engineering (general); Industrial engineering; Materials engineering; Mechanical engineering; Other engineering; Parks, recreation, leisure studies, sports mgmt.; Petroleum engineering; Software engineering; Telecommunications; Urban planning.

Note:

The Major Field Report was formatted for printing. When viewing on screen in Excel, some content may appear truncated or oddly formatted. This is normal. Increasing the zoom level or viewing the report in Print Preview will improve on-screen display.

About Your Major Field Report, Part II

NSSE data serve to identify institutional strengths and weaknesses in reference to selected comparison institutions, yet institution-level comparisons may not capture important variation in student engagement that can be found within key subpopulations such as major. This report displays selected results for students at your institution and at your selected comparison institutions in the major category: FEA.

NSSE results included in MFR, Part II

- Engagement Indicators
- High-Impact Practices
- Frequencies and Statistical Comparisons
- Respondent Profile

Related-Major Groups

Self-reported first and second (if applicable) majors were identified from the survey. Your institution had the option to customize how these majors were grouped, using up to ten related-major groups. Institutions choosing not to customize their major categories receive NSSE's ten default groups. The majors used in this report are listed on the cover page of this report.

Sample

This report is based on information from all randomly selected or census-administered students in the indicated group of majors for both your institution and your comparison institutions. Targeted and locally administered oversamples and other non-randomly selected students are not included. Report Sample (if applicable) respondents are also excluded.

Class

Results are presented separately by institution-reported class level. Keep in mind that majors are student-reported. First-year students may report *intended* majors that have not yet been *declared*. Also, much of the first-year experience may take place outside of the major field. For these reasons, first-year results should be interpreted with caution.

Technical Requirements

Related-major groups with fewer than 5 respondents in a given class are not reported (columns are blank). Groups containing at least 5 respondents, but fewer than 20, are reported in frequency distributions only. Comparison groups must contain at least 20 respondents in the major category, or they remain blank. Although 20 is a minimum requirement for all other statistics (Engagement Indicators, means, etc.), keep in mind that any statistical result requires a sufficient number of respondents per group to produce a reliable estimate. Due to the disaggregation of results by student-reported major, *Major Field Report* results are unweighted.

Report Sections (Those marked with an asterisk are included if at least one related-major group includes 20 or more respondents.)

Engagement Indicators*	Results on NSSE's ten Engagement Indicators (EIs) organized into four themes. See your <i>Engagement Indicators</i> report for more details.
High-Impact Practices*	Results on student participation in six High-Impact Practices (HIPs). See your <i>High-Impact Practices</i> report for more details.
Frequencies and Statistical Comparisons*	Response frequencies and statistical comparisons (including tests of significance and effect sizes) for all survey items except the demographics for your institution and your three core comparison groups.
Respondent Profile	Response frequencies for all demographic questions for your institution and your three core comparison groups.

Engagement Indicators: Overview

Engagement Indicators are summary measures based on sets of NSSE questions examining key dimensions of student engagement. The ten indicators are organized within four themes: Academic Challenge, Learning with Peers, Experiences with Faculty, and Campus Environment. The tables below compare average scores^a for your students in this related-major category with students in your comparison groups within the same category.

Use the following key:

- ▲ **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.
- No significant difference.
- ▼ **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.

Theme	Engagement Indicator	First-Year Students in FEA			Seniors in FEA		
		Your first-year students compared with Selected Peers	Your first-year students compared with Private Non Profit	Your first-year students compared with NSSE 2017 & 2018	Your seniors compared with Selected Peers	Your seniors compared with Private Non Profit	Your seniors compared with NSSE 2017 & 2018
Academic Challenge	Higher-Order Learning	—	—	—	—	—	—
	Reflective & Integrative Learning	▼	▼	—	—	—	—
	Learning Strategies	—	—	—	—	—	—
	Quantitative Reasoning	—	—	—	▼	—	—
Learning with Peers	Collaborative Learning	—	—	—	▼	—	▼
	Discussions with Diverse Others	—	△	△	—	▲	△
Experiences with Faculty	Student-Faculty Interaction	—	—	—	▼	▼	—
	Effective Teaching Practices	—	▼	—	—	▼	▼
Campus Environment	Quality of Interactions	▼	▼	▼	▼	▼	▼
	Supportive Environment	▼	▼	▼	—	▼	—

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: FEA American University of Beirut

First-year students^a in FEA

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
AUB (N = 150)	37.7	12.8	1.05	20	25	40	45	60				
Selected Peers	39.5	12.9	.69	20	30	40	50	60	500	-1.8		-.141
Private Non Profit	38.2	12.2	.17	20	30	40	45	60	5,326	-.5		-.039
NSSE 2017 & 2018	37.6	12.4	.08	20	30	40	45	60	22,305	.1		.010
Reflective & Integrative Learning												
AUB (N = 157)	31.5	11.9	.95	11	23	31	40	54				
Selected Peers	34.5	11.6	.61	17	26	34	43	54	512	-3.1	**	-.262
Private Non Profit	33.5	11.0	.15	17	26	34	40	54	5,381	-2.0	*	-.185
NSSE 2017 & 2018	32.4	11.2	.07	14	26	31	40	51	22,517	-.9		-.080
Learning Strategies												
AUB (N = 151)	37.0	14.0	1.14	13	27	40	47	60				
Selected Peers	36.8	13.3	.71	20	27	33	47	60	501	.2		.017
Private Non Profit	36.3	13.0	.18	20	27	33	47	60	5,330	.7		.052
NSSE 2017 & 2018	35.5	13.2	.09	13	27	33	47	60	22,329	1.5		.112
Quantitative Reasoning												
AUB (N = 152)	28.0	16.0	1.30	0	17	27	40	60				
Selected Peers	30.5	14.0	.75	7	20	27	40	60	256	-2.5		-.170
Private Non Profit	30.3	14.2	.20	7	20	27	40	60	158	-2.3		-.162
NSSE 2017 & 2018	30.1	14.3	.10	7	20	27	40	60	153	-2.1		-.145
Learning with Peers												
Collaborative Learning												
AUB (N = 155)	36.3	13.3	1.07	15	25	35	45	60				
Selected Peers	38.6	12.9	.68	20	30	40	50	60	511	-2.3		-.178
Private Non Profit	37.5	13.4	.19	15	30	40	45	60	5,359	-1.3		-.094
NSSE 2017 & 2018	37.2	13.6	.09	15	25	40	45	60	22,422	-.9		-.066
Discussions with Diverse Others												
AUB (N = 153)	43.1	13.8	1.11	20	35	45	55	60				
Selected Peers	43.4	13.4	.72	20	35	45	55	60	501	-.2		-.018
Private Non Profit	39.8	14.7	.20	15	30	40	50	60	5,337	3.3	**	.227
NSSE 2017 & 2018	40.1	15.3	.10	15	30	40	55	60	22,337	3.0	*	.198

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: FEA American University of Beirut

First-year students^a in FEA

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Experiences with Faculty												
Student-Faculty Interaction												
AUB (N = 150)	19.6	14.7	1.20	0	10	20	30	50				
Selected Peers	19.2	14.1	.75	0	10	20	25	45	499	.4		.031
Private Non Profit	21.0	13.8	.19	0	10	20	30	45	5,315	-1.4		-.104
NSSE 2017 & 2018	18.6	14.1	.09	0	10	15	25	45	22,273	1.0		.071
Effective Teaching Practices												
AUB (N = 152)	35.1	13.3	1.08	16	24	36	44	60				
Selected Peers	36.8	12.3	.65	16	28	36	44	60	505	-1.7		-.132
Private Non Profit	38.3	12.2	.17	20	28	40	48	60	159	-3.2	**	-.258
NSSE 2017 & 2018	36.5	12.4	.08	16	28	36	44	60	153	-1.4		-.110
Campus Environment												
Quality of Interactions												
AUB (N = 147)	33.0	13.7	1.13	10	22	33	42	56				
Selected Peers	39.1	11.5	.62	20	32	40	48	60	239	-6.1	***	-.500
Private Non Profit	42.9	11.1	.16	22	36	44	50	60	152	-9.8	***	-.880
NSSE 2017 & 2018	41.4	11.9	.08	20	34	42	50	60	148	-8.4	***	-.703
Supportive Environment												
AUB (N = 156)	31.7	14.6	1.17	8	20	30	43	58				
Selected Peers	34.6	12.3	.66	15	25	35	43	60	257	-2.8	*	-.217
Private Non Profit	36.3	12.6	.17	15	28	38	45	60	162	-4.6	***	-.360
NSSE 2017 & 2018	34.8	13.1	.09	13	25	35	43	60	157	-3.0	*	-.231

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: FEA American University of Beirut

Seniors^a in FEA

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
AUB (N = 195)	38.5	13.7	.98	20	30	40	45	60				
Selected Peers	38.1	12.7	.75	15	30	40	45	60	478	.3		.026
Private Non Profit	37.7	12.7	.18	15	30	40	45	60	5,326	.8		.064
NSSE 2017 & 2018	37.6	13.1	.08	15	30	40	45	60	26,350	.9		.067
Reflective & Integrative Learning												
AUB (N = 199)	33.4	11.2	.79	17	26	34	40	54				
Selected Peers	33.9	11.5	.68	17	26	34	40	54	483	-.5		-.041
Private Non Profit	33.4	11.2	.16	17	26	34	40	54	5,379	.1		.005
NSSE 2017 & 2018	32.6	11.5	.07	14	26	31	40	54	26,554	.8		.070
Learning Strategies												
AUB (N = 190)	33.4	14.8	1.07	7	20	33	40	60				
Selected Peers	32.9	14.2	.84	13	27	33	40	60	471	.5		.037
Private Non Profit	33.7	14.0	.20	13	27	33	40	60	5,327	-.3		-.019
NSSE 2017 & 2018	34.0	14.4	.09	13	27	33	40	60	26,330	-.6		-.041
Quantitative Reasoning												
AUB (N = 192)	32.5	15.5	1.12	7	20	33	40	60				
Selected Peers	35.8	15.0	.89	7	27	37	47	60	472	-3.3	*	-.214
Private Non Profit	33.5	14.8	.21	7	20	33	40	60	5,317	-1.0		-.068
NSSE 2017 & 2018	34.0	15.0	.09	7	20	33	47	60	26,209	-1.5		-.098
Learning with Peers												
Collaborative Learning												
AUB (N = 197)	37.5	13.1	.93	15	30	40	45	60				
Selected Peers	41.4	12.7	.75	20	35	40	50	60	482	-3.8	**	-.298
Private Non Profit	39.1	13.7	.19	15	30	40	50	60	5,352	-1.5		-.113
NSSE 2017 & 2018	39.7	13.6	.08	15	30	40	50	60	26,451	-2.1	*	-.158
Discussions with Diverse Others												
AUB (N = 190)	43.9	13.2	.96	20	35	45	55	60				
Selected Peers	42.3	13.6	.81	20	35	40	55	60	471	1.7		.123
Private Non Profit	39.4	15.1	.21	15	30	40	50	60	5,322	4.6	***	.304
NSSE 2017 & 2018	40.5	15.8	.10	15	30	40	55	60	193	3.4	***	.218

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Engagement Indicators: FEA American University of Beirut

Seniors^a in FEA

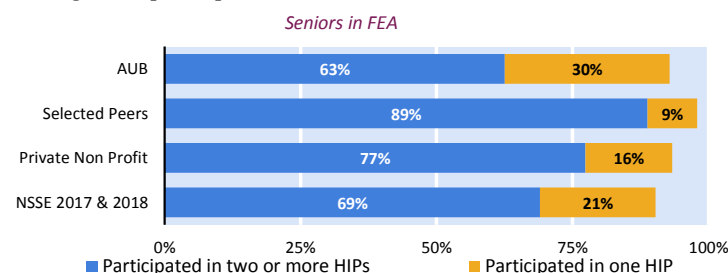
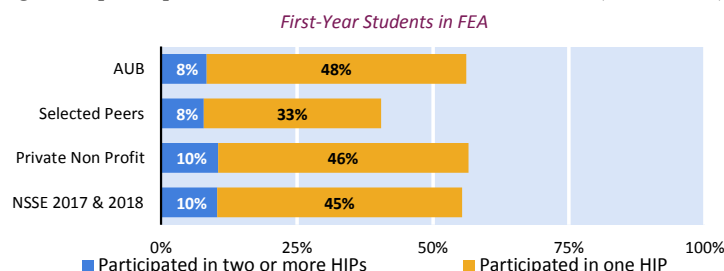
	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Experiences with Faculty												
Student-Faculty Interaction												
AUB (N = 196)	22.1	15.9	1.13	0	10	20	35	50				
Selected Peers	25.7	13.9	.82	5	15	25	35	50	382	-3.6	*	-.241
Private Non Profit	24.9	14.9	.21	0	15	25	35	55	5,330	-2.7	*	-.183
NSSE 2017 & 2018	22.5	15.2	.09	0	10	20	30	50	26,324	-.3		-.022
Effective Teaching Practices												
AUB (N = 198)	33.4	13.9	.99	8	24	32	40	60				
Selected Peers	35.2	11.3	.67	16	28	36	40	56	365	-1.8		-.142
Private Non Profit	37.6	12.7	.18	16	28	40	48	60	210	-4.2	***	-.328
NSSE 2017 & 2018	35.8	13.1	.08	16	28	36	44	60	26,546	-2.4	*	-.182
Campus Environment												
Quality of Interactions												
AUB (N = 194)	34.3	12.7	.91	14	26	34	42	58				
Selected Peers	40.0	10.2	.61	22	34	40	48	56	356	-5.7	***	-.507
Private Non Profit	41.3	11.4	.16	20	34	42	50	60	205	-7.1	***	-.615
NSSE 2017 & 2018	40.1	11.9	.08	18	32	40	48	60	25,048	-5.9	***	-.492
Supportive Environment												
AUB (N = 195)	28.1	15.0	1.08	3	20	28	38	55				
Selected Peers	29.7	12.2	.72	10	20	30	38	53	359	-1.5		-.115
Private Non Profit	30.8	13.2	.18	10	20	30	40	55	205	-2.6	*	-.200
NSSE 2017 & 2018	29.7	13.5	.08	8	20	30	40	55	196	-1.5		-.114

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

High-Impact Practices: FEA American University of Beirut

Overall HIP Participation^{a,h}

The figures below display the percentage of students who participated in High-Impact Practices. Both figures include participation in service-learning, a learning community, and research with faculty. The senior figure also includes participation in an internship or field experience, study abroad, and culminating senior experience. The first segment in each bar shows the percentage who participated in at least two HIPs, and the full bar (both colors) represents the percentage who participated in at least one.



Statistical Comparisons

The table below displays the percentage of your students who participated in a given High-Impact Practice, including the percentage who participated overall (at least one, two or more). It also graphs the difference, in percentage points, between your students and those of your comparison groups. Blue bars indicate how much higher your institution's percentage is compared to the comparison group. Dark red bars indicate how much lower your institution's percentage is compared to the comparison group.

	Your students' participation compared with:							
	AUB	Selected Peers		Private Non Profit		NSSE 2017 & 2018		
<i>First-Year Students in FEA</i>	%	Difference ¹	ES ¹	Difference ¹	ES ¹	Difference ¹	ES ¹	
12. Service-Learning	51	+18	*** .37	+1	.03	+3	.05	
11c. Learning Community	10	-0	-.01	-2	-.06	-4	-.13	
11e. Research with Faculty	5	-2	-.08	-2	-.07	+0	.01	
<i>Participated in at least one</i>	56	+16	** .32	-0	-.01	+1	.02	
<i>Participated in two or more</i>	8	+1	.02	-2	-.07	-2	-.07	
<i>Seniors in FEA</i>								
12. Service-Learning	58	+19	*** .38	+5	.10	+10	** .19	
11c. Learning Community	16	-8	* -.20	-10	** -.24	-9	** -.21	
11e. Research with Faculty	36	-14	** -.27	+2	.05	+7	* .15	
11a. Internship or Field Exp.	58	-16	*** -.34	-10	** -.21	-2	-.04	
11d. Study Abroad	13	-20	*** -.48	-4	-.12	+1	.04	
11f. Culminating Senior Exp.	33	-58	*** -1.31	-35	*** -.71	-25	*** -.50	
<i>Participated in at least one</i>	93	-5	** -.25	-0	-.02	+3	.09	
<i>Participated in two or more</i>	63	-26	*** -.63	-15	*** -.33	-6	-.14	

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

First-Year Students^a in FEA

First-Year Students ^a in FEA				Frequency Distributions								Statistical Comparisons ^k							
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
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	4	3	8	2	165	3	1,580	7	2.7	2.7	-.05	2.8	-.15	2.6	.10	
		2	Sometimes	62	39	151	42	1,824	35	9,468	42								
		3	Often	69	44	126	35	1,997	38	7,339	33								
		4	Very often	23	15	74	21	1,241	24	3,990	18								
		Total	158	100	359	100	5,227	100	22,377	100									
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	32	20	51	14	985	19	4,723	21	2.3	2.6 ** ▼	-.30	2.4	-.05	2.3	.00	
		2	Sometimes	59	38	113	32	2,029	39	8,437	38								
		3	Often	49	31	111	31	1,502	29	6,266	28								
		4	Very often	17	11	80	23	706	14	2,908	13								
		Total	157	100	355	100	5,222	100	22,334	100									
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	5	3	21	6	224	4	1,287	6	3.1	3.0	.16	3.1	.11	3.0 ** ▲	.22	
		2	Often	23	15	41	11	632	12	3,550	16								
		3	Sometimes	76	48	210	59	3,013	58	12,387	55								
		4	Never	54	34	86	24	1,357	26	5,157	23								
		Total	158	100	358	100	5,226	100	22,381	100									
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	74	47	124	35	1,832	35	10,690	48	1.8	1.9 * ▼	-.22	1.9 * ▼	-.20	1.7	.03	
		2	Sometimes	55	35	156	44	2,256	43	8,137	36								
		3	Often	21	13	54	15	855	16	2,623	12								
		4	Very often	7	4	24	7	291	6	931	4								
		Total	157	100	358	100	5,234	100	22,381	100									
e. Asked another student to help you understand course material	CLaskhelp	1	Never	14	9	12	3	230	4	1,125	5	2.6	2.9 ** ▼	-.30	2.9 ** ▼	-.26	2.8 ** ▼	-.24	
		2	Sometimes	61	39	109	30	1,595	30	6,874	31								
		3	Often	49	31	139	39	2,068	40	8,715	39								
		4	Very often	33	21	99	28	1,337	26	5,675	25								
		Total	157	100	359	100	5,230	100	22,389	100									
f. Explained course material to one or more students	CLexplain	1	Never	4	3	7	2	142	3	591	3	3.0	3.0	.01	2.9	.07	2.9	.07	
		2	Sometimes	38	24	97	27	1,543	29	6,556	29								
		3	Often	74	47	161	45	2,222	42	9,594	43								
		4	Very often	40	26	95	26	1,334	25	5,668	25								
		Total	156	100	360	100	5,241	100	22,409	100									

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

First-Year Students^a in FEA

First-Year Students ^a in FEA				Frequency Distributions								Statistical Comparisons ^k										
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your first-year students compared with										
Item wording or description		Variable name ⁱ		Values ^m	Response options		Count	%	Count	%	Count	%	Count	%	AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018	
															Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
g. Prepared for exams by discussing or working through course material with other students		CLstudy	1	Never	16	10	21	6	412	8	2,163	10	2.8	2.9	-.17	2.8	.00	2.8	.03			
			2	Sometimes	45	28	94	26	1,616	31	6,711	30										
			3	Often	54	34	130	36	1,881	36	7,933	35										
			4	Very often	43	27	114	32	1,327	25	5,584	25										
			Total	158	100	359	100	5,236	100	22,391	100											
h. Worked with other students on course projects or assignments		CLproject	1	Never	11	7	10	3	173	3	833	4	2.8	2.9	-.09	2.9	-.12	2.9	-.09			
			2	Sometimes	39	25	99	28	1,377	26	6,103	27										
			3	Often	70	45	162	45	2,224	42	9,374	42										
			4	Very often	37	24	89	25	1,460	28	6,084	27										
			Total	157	100	360	100	5,234	100	22,394	100											
i. Given a course presentation		present	1	Never	37	23	79	22	824	16	4,852	22	2.1	2.1	-.01	2.3 **	-.24	2.2	-.08			
			2	Sometimes	76	48	181	50	2,480	47	10,507	47										
			3	Often	35	22	75	21	1,390	27	5,148	23										
			4	Very often	10	6	24	7	546	10	1,900	8										
			Total	158	100	359	100	5,240	100	22,407	100											
2. During the current school year, about how often have you done the following?																						
a. Combined ideas from different courses when completing assignments		RIntegrate	1	Never	25	16	34	10	352	7	1,558	7	2.4	2.5	-.19	2.6 **	-.25	2.6 **	-.24			
			2	Sometimes	68	43	141	40	2,155	41	9,347	42										
			3	Often	46	29	139	39	2,092	40	8,653	39										
			4	Very often	19	12	42	12	625	12	2,810	13										
			Total	158	100	356	100	5,224	100	22,368	100											
b. Connected your learning to societal problems or issues		RIsocietal	1	Never	24	15	37	10	597	11	3,271	15	2.4	2.4	-.09	2.4	-.03	2.3	.05			
			2	Sometimes	69	44	165	46	2,496	48	10,547	47										
			3	Often	46	29	116	32	1,622	31	6,505	29										
			4	Very often	18	11	41	11	520	10	2,052	9										
			Total	157	100	359	100	5,235	100	22,375	100											
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments		RIdiverse	1	Never	43	28	34	10	743	14	5,124	23	2.1	2.5 ***	-.47	2.4 ***	-.29	2.2	-.10			
			2	Sometimes	63	40	150	42	2,364	45	9,449	42										
			3	Often	38	24	124	35	1,571	30	5,742	26										
			4	Very often	12	8	49	14	550	11	2,054	9										
			Total	156	100	357	100	5,228	100	22,369	100											

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

First-Year Students^a in FEA

First-Year Students ^a in FEA				Frequency Distributions								Statistical Comparisons ^k						
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your first-year students compared with						
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	AUB	Selected Peers	Private Non Profit	NSSE 2017 & 2018			
												Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ		
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	12	8	13	4	240	5	1,601	7	2.6	2.8	-.15	2.7	-.08	2.6	.01
		2	Sometimes	56	36	114	32	1,828	35	7,924	35							
		3	Often	64	41	175	49	2,343	45	9,642	43							
		4	Very often	25	16	56	16	814	16	3,199	14							
		Total	157	100	358	100	5,225	100	22,366	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	7	4	10	3	167	3	1,054	5	2.8	2.9	-.11	2.8	-.01	2.8	.04
		2	Sometimes	46	29	94	26	1,580	30	6,887	31							
		3	Often	71	45	172	48	2,402	46	10,029	45							
		4	Very often	33	21	83	23	1,076	21	4,397	20							
		Total	157	100	359	100	5,225	100	22,367	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	8	5	14	4	143	3	706	3	2.8	2.8	-.06	2.8	-.03	2.8	.00
		2	Sometimes	53	34	108	30	1,641	31	7,192	32							
		3	Often	58	37	154	43	2,473	47	10,392	47							
		4	Very often	37	24	80	22	959	18	4,042	18							
		Total	156	100	356	100	5,216	100	22,332	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	2	1	5	1	57	1	326	1	2.9	3.1 *	-.22	3.0 *	-.20	3.0	-.15
		2	Sometimes	53	34	76	21	1,080	21	4,904	22							
		3	Often	63	40	169	48	2,723	52	11,631	52							
		4	Very often	39	25	105	30	1,346	26	5,448	24							
		Total	157	100	355	100	5,206	100	22,309	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	54	35	103	29	1,149	22	6,476	29	2.1	2.1	.00	2.2	-.14	2.1	-.03
		2	Sometimes	54	35	162	45	2,461	47	9,492	42							
		3	Often	33	21	61	17	1,106	21	4,405	20							
		4	Very often	15	10	31	9	509	10	1,979	9							
		Total	156	100	357	100	5,225	100	22,352	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	80	51	184	52	2,338	45	11,472	51	1.7	1.7	.00	1.8	-.13	1.7	-.02
		2	Sometimes	52	33	112	32	1,794	34	6,824	31							
		3	Often	17	11	41	12	756	15	2,897	13							
		4	Very often	8	5	18	5	324	6	1,130	5							
		Total	157	100	355	100	5,212	100	22,323	100								

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

First-Year Students^a in FEA

First-Year Students ^a in FEA				Frequency Distributions								Statistical Comparisons ^k						
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your first-year students compared with						
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	41	27	120	34	1,358	26	7,290	33	2.2	2.0 *	.21	2.1	.09	2.0 *	.22
		2	Sometimes	60	39	146	41	2,413	46	9,714	44							
		3	Often	37	24	69	19	1,091	21	3,999	18							
		4	Very often	14	9	21	6	351	7	1,308	6							
		Total	152	100	356	100	5,213	100	22,311	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	52	34	83	24	1,189	23	7,370	33	2.1	2.1	-.04	2.1	-.07	2.0	.12
		2	Sometimes	54	35	176	50	2,575	49	9,782	44							
		3	Often	36	23	69	20	1,083	21	3,881	17							
		4	Very often	13	8	24	7	367	7	1,284	6							
		Total	155	100	352	100	5,214	100	22,317	100								
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	14	9	12	3	255	5	1,032	5	2.7	2.8	-.13	2.7	-.05	2.8	-.09
		2	Some	50	32	108	30	1,698	33	7,033	31							
		3	Quite a bit	59	38	174	49	2,388	46	10,204	46							
		4	Very much	32	21	63	18	878	17	4,074	18							
		Total	155	100	357	100	5,219	100	22,343	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	4	3	9	3	103	2	465	2	3.1	3.1	.00	3.1	.04	3.1	.01
		2	Some	32	21	55	15	904	17	3,822	17							
		3	Quite a bit	57	37	167	47	2,505	48	10,272	46							
		4	Very much	62	40	124	35	1,708	33	7,782	35							
		Total	155	100	355	100	5,220	100	22,341	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	5	3	11	3	143	3	803	4	3.0	3.0	-.04	3.0	.01	2.9	.03
		2	Some	49	31	86	24	1,273	24	5,537	25							
		3	Quite a bit	47	30	147	41	2,422	46	9,988	45							
		4	Very much	55	35	111	31	1,375	26	5,984	27							
		Total	156	100	355	100	5,213	100	22,312	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	12	8	19	5	307	6	2,135	10	2.6	2.8 **	-.25	2.7	-.12	2.6	-.02
		2	Some	57	38	100	28	1,733	33	7,450	33							
		3	Quite a bit	56	37	155	44	2,242	43	8,917	40							
		4	Very much	25	17	81	23	931	18	3,812	17							
		Total	150	100	355	100	5,213	100	22,314	100								

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

First-Year Students^a in FEA

First-Year Students ^a in FEA				Frequency Distributions								Statistical Comparisons ^k						
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your first-year students compared with						
												AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%							
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	8	5	11	3	207	4	1,256	6	2.8	2.9	-.17	2.8	-.07	2.8	-.02
		2	Some	52	34	99	28	1,560	30	6,628	30							
		3	Quite a bit	62	40	154	44	2,371	45	9,948	45							
		4	Very much	33	21	90	25	1,074	21	4,477	20							
		Total	155	100	354	100	5,212	100	22,309	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	2	8	2	84	2	505	2	2.9	2.9	-.08	3.0 *	-.22	3.0	-.14
		2	Some	52	34	87	25	1,077	21	5,060	23							
		3	Quite a bit	58	38	176	50	2,568	49	10,990	49							
		4	Very much	40	26	83	23	1,484	28	5,767	26							
		Total	153	100	354	100	5,213	100	22,322	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	8	5	11	3	105	2	652	3	2.9	2.9	-.04	3.0 *	-.19	3.0	-.10
		2	Some	46	30	88	25	1,071	21	5,043	23							
		3	Quite a bit	52	34	171	48	2,536	49	10,941	49							
		4	Very much	46	30	85	24	1,496	29	5,679	25							
		Total	152	100	355	100	5,208	100	22,315	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	5	3	7	2	140	3	673	3	3.0	2.9	.05	3.0	-.08	3.0	-.02
		2	Some	43	28	94	26	1,081	21	4,960	22							
		3	Quite a bit	54	35	166	47	2,382	46	10,279	46							
		4	Very much	51	33	88	25	1,609	31	6,403	29							
		Total	153	100	355	100	5,212	100	22,315	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	16	10	24	7	422	8	2,811	13	2.5	2.8 **	-.30	2.7 *	-.21	2.6	-.04
		2	Some	65	42	105	30	1,729	33	7,832	35							
		3	Quite a bit	47	31	145	41	1,957	38	7,794	35							
		4	Very much	25	16	79	22	1,098	21	3,861	17							
		Total	153	100	353	100	5,206	100	22,298	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	24	16	30	8	381	7	2,315	10	2.5	2.6	-.14	2.7 **	-.30	2.6	-.14
		2	Some	58	38	140	39	1,697	33	7,961	36							
		3	Quite a bit	47	31	132	37	2,117	41	8,553	38							
		4	Very much	24	16	53	15	1,004	19	3,445	15							
		Total	153	100	355	100	5,199	100	22,274	100								

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

First-Year Students^a in FEA

First-Year Students ^a in FEA				Frequency Distributions								Statistical Comparisons ^k						
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your first-year students compared with						
												AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%							
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	18	12	16	5	244	5	1,167	5	2.6	2.8 *	-.23	2.8 *	-.24	2.8 *	-.22
		2	Sometimes	53	34	99	28	1,497	29	6,483	29							
		3	Often	50	32	165	47	2,329	45	9,879	44							
		4	Very often	33	21	73	21	1,130	22	4,723	21							
		Total	154	100	353	100	5,200	100	22,252	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	41	27	73	21	1,084	21	4,738	21	2.2	2.3	-.06	2.3	-.08	2.3	-.07
		2	Sometimes	51	33	138	39	2,036	39	8,685	39							
		3	Often	46	30	113	32	1,502	29	6,296	28							
		4	Very often	15	10	31	9	577	11	2,523	11							
		Total	153	100	355	100	5,199	100	22,242	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	28	18	38	11	685	13	3,229	15	2.3	2.4	-.11	2.4	-.08	2.4	-.06
		2	Sometimes	63	41	162	46	2,259	43	9,356	42							
		3	Often	45	29	115	32	1,696	33	7,284	33							
		4	Very often	18	12	40	11	554	11	2,373	11							
		Total	154	100	355	100	5,194	100	22,242	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages	wrshortnum	0	None	14	9	13	4	287	6	1,693	8	6.2	5.9	.04	6.9	-.13	6.3	-.03
	(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	29	19	77	22	974	19	4,789	21							
		4	3-5	49	32	149	42	1,687	32	6,981	31							
		8	6-10	34	22	63	18	1,192	23	4,781	21							
		13	11-15	21	14	26	7	514	10	2,066	9							
		18	16-20	3	2	13	4	252	5	868	4							
		23	More than 20	5	3	14	4	305	6	1,097	5							
		Total	155	100	355	100	5,211	100	22,275	100								
b. Between 6 and 10 pages	wrmednum	0	None	50	32	110	31	1,624	31	7,634	34	2.9	2.3	.18	2.4	.14	2.5	.11
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	56	36	139	39	2,119	41	8,166	37							
		4	3-5	26	17	73	21	938	18	3,861	17							
		8	6-10	14	9	26	7	357	7	1,723	8							
		13	11-15	6	4	4	1	100	2	511	2							
		18	16-20	1	1	1	0	32	1	137	1							
		23	More than 20	2	1	1	0	30	1	182	1							
		Total	155	100	354	100	5,200	100	22,214	100								

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

First-Year Students^a in FEA

First-Year Students ^a in FEA				Frequency Distributions								Statistical Comparisons ^k						
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your first-year students compared with						
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	AUB	Selected Peers	Private Non Profit	NSSE 2017 & 2018			
												Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
c. 11 pages or more	wrlongnum	0	None	99	64	255	72	3,662	70	14,823	67	1.7	.9 *	.26	1.0 *	.23	1.3	.13
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	30	19	73	21	1,078	21	4,654	21							
		4	3-5	10	6	13	4	237	5	1,391	6							
		8	6-10	7	5	4	1	104	2	738	3							
		13	11-15	8	5	5	1	69	1	357	2							
		18	16-20	1	1	1	0	22	0	108	0							
		23	More than 20	0	0	2	1	31	1	161	1							
			Total	155	100	353	100	5,203	100	22,232	100							
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									66.7	49.2 *	.24	54.9	.17	57.6	.12
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	12	8	3	1	216	4	1,077	5	2.9	3.3 ***	-.49	3.1 **	-.22	3.1 **	-.22
		2	Sometimes	42	27	71	20	1,232	24	5,116	23							
		3	Often	53	34	98	28	1,738	33	7,165	32							
		4	Very often	47	31	183	52	2,029	39	8,979	40							
			Total	154	100	355	100	5,215	100	22,337	100							
b. People from an economic background other than your own	DDeconomic	1	Never	5	3	4	1	183	4	1,018	5	3.1	3.3	-.15	3.1	.09	3.0	.13
		2	Sometimes	31	20	67	19	1,166	22	5,114	23							
		3	Often	55	36	115	32	1,980	38	8,304	37							
		4	Very often	63	41	169	48	1,883	36	7,863	35							
			Total	154	100	355	100	5,212	100	22,299	100							
c. People with religious beliefs other than your own	DDreligion	1	Never	0	0	7	2	435	8	1,422	6	3.4	3.2 *	.20	2.9 ***	.47	3.0 ***	.40
		2	Sometimes	26	17	70	20	1,398	27	5,525	25							
		3	Often	48	31	123	35	1,632	31	7,337	33							
		4	Very often	81	52	153	43	1,749	34	8,028	36							
			Total	155	100	353	100	5,214	100	22,312	100							
d. People with political views other than your own	DDpolitical	1	Never	6	4	22	6	287	6	1,365	6	3.3	2.9 ***	.40	2.9 ***	.39	2.9 ***	.37
		2	Sometimes	26	17	112	32	1,511	29	6,219	28							
		3	Often	43	28	102	29	1,773	34	7,523	34							
		4	Very often	79	51	119	34	1,643	32	7,223	32							
			Total	154	100	355	100	5,214	100	22,330	100							

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

First-Year Students^a in FEA

First-Year Students ^a in FEA				Frequency Distributions								Statistical Comparisons ^k						
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your first-year students compared with						
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	AUB	Selected Peers	Private Non Profit	NSSE 2017 & 2018	Effect size ⁿ	Effect size ⁿ	
9. During the current school year, about how often have you done the following?																		
a. Identified key information from reading assignments	LSreading	1	Never	10	7	3	1	115	2	753	3	2.8	3.0	-16	2.9	-10	2.9	-02
		2	Sometimes	38	25	91	26	1,346	26	6,146	28							
		3	Often	70	46	172	49	2,574	49	10,850	49							
		4	Very often	35	23	88	25	1,182	23	4,568	20							
		Total	153	100	354	100	5,217	100	22,317	100								
b. Reviewed your notes after class	LSnotes	1	Never	15	10	16	5	254	5	1,280	6	2.7	2.8	-08	2.8	-11	2.8	-06
		2	Sometimes	48	31	128	36	1,712	33	7,784	35							
		3	Often	56	36	125	35	1,981	38	8,030	36							
		4	Very often	35	23	86	24	1,265	24	5,205	23							
		Total	154	100	355	100	5,212	100	22,299	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	8	5	19	5	341	7	1,592	7	3.0	2.7 **	.27	2.7 ***	.33	2.7 ***	.34
		2	Sometimes	40	26	128	36	1,811	35	7,841	35							
		3	Often	53	34	132	37	2,090	40	8,672	39							
		4	Very often	53	34	76	21	961	18	4,192	19							
		Total	154	100	355	100	5,203	100	22,297	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	3	2	4	1	41	1	232	1	5.2	5.4 *	-20	5.5 **	-26	5.4 *	-20
		2		5	3	5	1	55	1	302	1							
		3		12	8	19	5	210	4	1,149	5							
		4		22	14	30	8	550	11	2,516	11							
		5		50	32	130	37	1,646	32	6,989	31							
		6		27	17	80	23	1,562	30	6,123	27							
		7	Very much	36	23	86	24	1,132	22	4,960	22							
Total				155	100	354	100	5,196	100	22,271	100							
11. Which of the following have you done or do you plan to do before you graduate? ^o																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	14	9	16	4	321	6	1,784	8	4%	7%	-15	9% *	-22	9% *	-23
			Do not plan to do	9	6	15	4	201	4	896	4							
			Plan to do	126	81	299	84	4,202	81	17,540	79							
			Done or in progress	6	4	26	7	486	9	2,105	9							
			Total	155	100	356	100	5,210	100	22,325	100							

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

First-Year Students^a in FEA

First-Year Students ^a in FEA				Frequency Distributions								Statistical Comparisons ^k						
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your first-year students compared with						
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
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	32	21	69	19	1,246	24	5,735	26	10%	16%	-.18	13%	-.09	11%	-.03
			Do not plan to do	24	16	48	13	1,020	20	4,903	22							
			Plan to do	83	54	183	51	2,289	44	9,317	42							
			Done or in progress	15	10	56	16	660	13	2,363	11							
			Total	154	100	356	100	5,215	100	22,318	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	41	26	109	31	1,768	34	6,784	30	10%	11%	-.01	12%	-.06	14%	-.13
			Do not plan to do	41	26	100	28	1,386	27	6,191	28							
			Plan to do	57	37	108	30	1,405	27	6,098	27							
			Done or in progress	16	10	38	11	644	12	3,219	14							
			Total	155	100	355	100	5,203	100	22,292	100							
d. Participate in a study abroad program	abroad (Means indicate the percentage who responded "Done or in progress.")		Have not decided	26	17	85	24	1,553	30	6,578	29	3%	2%	.06	3%	.01	3%	.03
			Do not plan to do	23	15	77	22	1,547	30	7,430	33							
			Plan to do	100	65	184	52	1,950	37	7,692	34							
			Done or in progress	5	3	8	2	157	3	602	3							
			Total	154	100	354	100	5,207	100	22,302	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	35	23	80	22	1,788	34	8,068	36	5%	7%	-.08	7%	-.07	5%	.01
			Do not plan to do	17	11	26	7	719	14	3,647	16							
			Plan to do	95	61	225	63	2,343	45	9,496	43							
			Done or in progress	8	5	25	7	355	7	1,092	5							
			Total	155	100	356	100	5,205	100	22,303	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	41	26	50	14	1,075	21	5,675	25	1%	2%	-.03	2%	-.03	2%	-.03
			Do not plan to do	15	10	20	6	310	6	1,870	8							
			Plan to do	97	63	279	79	3,738	72	14,386	64							
			Done or in progress	2	1	6	2	84	2	376	2							
			Total	155	100	355	100	5,207	100	22,307	100							
12. About how many of your courses at this institution have included a community-based project (service-learning)?																		
	servcourse	1	None	76	49	241	68	2,634	51	11,583	52	1.6	1.4 ** Δ	.29	1.6	.01	1.6	.04
		2	Some	66	43	90	25	2,105	40	8,792	40							
		3	Most	9	6	19	5	377	7	1,538	7							
		4	All	3	2	6	2	87	2	341	2							
			Total	154	100	356	100	5,203	100	22,254	100							

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

First-Year Students^a in FEA

First-Year Students ^a in FEA				Frequency Distributions								Statistical Comparisons ^k							
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		AUB		Your first-year students compared with					
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	Qlstudent	1	Poor	1	1	3	1	47	1	274	1	5.5	5.5	.06	5.6	-.02	5.5	.04	
		2		6	4	8	2	72	1	386	2								
		3		10	6	17	5	243	5	1,063	5								
		4		14	9	42	12	534	10	2,564	11								
		5		33	21	94	26	1,346	26	5,935	27								
		6		42	27	106	30	1,535	29	6,296	28								
		7	Excellent	49	32	86	24	1,407	27	5,695	25								
		—	Not applicable	0	0	0	0	31	1	129	1								
		Total		155	100	356	100	5,215	100	22,342	100								
b. Academic advisors	Qladvisor	1	Poor	31	20	17	5	139	3	767	3	3.6	4.7 ***	-.61	5.2 ***	-1.01	5.1 ***	-.88	
		2		18	12	24	7	188	4	1,012	5								
		3		24	15	39	11	407	8	1,736	8								
		4		26	17	68	19	753	14	3,227	14								
		5		23	15	79	22	1,105	21	4,612	21								
		6		12	8	59	17	1,179	23	4,433	20								
		7	Excellent	17	11	64	18	1,350	26	5,020	23								
		—	Not applicable	4	3	6	2	92	2	1,503	7								
		Total		155	100	356	100	5,213	100	22,310	100								
c. Faculty	Qlfaculty	1	Poor	16	10	5	1	62	1	440	2	4.2	4.9 ***	-.51	5.4 ***	-.90	5.1 ***	-.69	
		2		14	9	13	4	101	2	705	3								
		3		18	12	28	8	283	5	1,586	7								
		4		38	25	75	21	721	14	3,493	16								
		5		28	18	116	33	1,428	27	6,156	28								
		6		19	12	76	21	1,455	28	5,614	25								
		7	Excellent	17	11	40	11	1,109	21	3,872	17								
		—	Not applicable	4	3	2	1	40	1	420	2								
		Total		154	100	355	100	5,199	100	22,286	100								

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

First-Year Students^a in FEA

First-Year Students ^a in FEA				Frequency Distributions								Statistical Comparisons ^k							
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your first-year students compared with							
												AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	19	12	9	3	129	2	723	3	4.1	4.8 ***	-.41	5.2 ***	-.67	5.0 ***	-.56	
		2		10	6	20	6	162	3	881	4								
		3		16	10	32	9	384	7	1,634	7								
		4		26	17	69	19	719	14	3,037	14								
		5		26	17	90	25	1,264	24	5,005	22								
		6		17	11	64	18	1,178	23	4,609	21								
		7	Excellent	17	11	52	15	1,034	20	3,904	18								
		—	Not applicable	23	15	20	6	342	7	2,503	11								
	Total			154	100	356	100	5,212	100	22,296	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	18	12	23	6	155	3	818	4	4.1	4.6 **	-.28	5.1 ***	-.63	5.0 ***	-.52	
		2		19	12	19	5	168	3	968	4								
		3		17	11	31	9	363	7	1,600	7								
		4		22	14	65	18	798	15	3,379	15								
		5		33	21	88	25	1,258	24	4,948	22								
		6		22	14	55	15	1,117	21	4,467	20								
		7	Excellent	17	11	49	14	1,018	20	3,708	17								
		—	Not applicable	7	5	26	7	331	6	2,421	11								
	Total			155	100	356	100	5,208	100	22,309	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	1	3	1	52	1	307	1	3.4	3.2 **	.31	3.2 **	.24	3.2 **	.24	
		2	Some	16	10	62	17	777	15	3,235	14								
		3	Quite a bit	58	37	167	47	2,412	46	10,301	46								
		4	Very much	80	51	124	35	1,966	38	8,474	38								
			Total			156	100	356	100	5,207	100								22,317
b. Providing support to help students succeed academically	SEacademic	1	Very little	18	12	9	3	117	2	690	3	2.6	2.9 ***	-.46	3.1 ***	-.73	3.0 ***	-.60	
		2	Some	57	37	88	25	902	17	4,496	20								
		3	Quite a bit	55	35	172	48	2,338	45	10,240	46								
		4	Very much	26	17	86	24	1,850	36	6,860	31								
			Total			156	100	355	100	5,207	100								22,286
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	26	17	23	6	210	4	1,141	5	2.6	3.0 ***	-.45	3.1 ***	-.67	3.0 ***	-.55	
		2	Some	41	27	65	18	865	17	4,279	19								
		3	Quite a bit	59	38	161	45	2,121	41	9,229	41								
		4	Very much	28	18	106	30	2,008	39	7,640	34								
			Total			154	100	355	100	5,204	100								22,289

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

First-Year Students^a in FEA

First-Year Students ^a in FEA				Frequency Distributions								Statistical Comparisons ^k							
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	23	15	37	10	496	10	2,622	12	2.8	2.7	.04	2.8	.02	2.7	.09	
		2	Some	39	25	100	28	1,506	29	6,616	30								
		3	Quite a bit	44	28	136	39	1,955	38	8,054	36								
		4	Very much	50	32	80	23	1,247	24	4,988	22								
		Total	156	100	353	100	5,204	100	22,280	100									
e. Providing opportunities to be involved socially	SEsocial	1	Very little	17	11	20	6	260	5	1,441	6	2.9	2.9	.02	3.0	-.06	2.9	.04	
		2	Some	32	21	88	25	1,210	23	5,731	26								
		3	Quite a bit	55	35	160	45	2,251	43	9,380	42								
		4	Very much	51	33	86	24	1,483	28	5,726	26								
		Total	155	100	354	100	5,204	100	22,278	100									
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	22	14	25	7	311	6	1,533	7	2.7	2.8	-.07	2.9 **	-.26	2.9 *	-.22	
		2	Some	41	26	113	32	1,263	24	5,544	25								
		3	Quite a bit	57	37	139	39	2,186	42	9,330	42								
		4	Very much	36	23	75	21	1,436	28	5,847	26								
		Total	156	100	352	100	5,196	100	22,254	100									
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	59	38	94	27	1,034	20	4,947	22	2.1	2.2	-.09	2.3 ***	-.28	2.3 **	-.22	
		2	Some	45	29	136	39	1,985	38	8,524	38								
		3	Quite a bit	33	21	89	25	1,556	30	6,245	28								
		4	Very much	19	12	32	9	625	12	2,555	11								
		Total	156	100	351	100	5,200	100	22,271	100									
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	23	15	19	5	438	8	2,371	11	2.6	2.8	-.19	2.8	-.18	2.7	-.07	
		2	Some	46	29	101	29	1,427	28	6,720	30								
		3	Quite a bit	54	35	170	48	2,176	42	8,735	39								
		4	Very much	33	21	63	18	1,148	22	4,450	20								
		Total	156	100	353	100	5,189	100	22,276	100									
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	26	17	37	10	716	14	3,764	17	2.5	2.6	-.10	2.5	-.01	2.4	.09	
		2	Some	53	34	128	36	1,968	38	8,695	39								
		3	Quite a bit	52	33	135	38	1,714	33	6,897	31								
		4	Very much	25	16	53	15	797	15	2,902	13								
		Total	156	100	353	100	5,195	100	22,258	100									

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

First-Year Students^a in FEA

First-Year Students ^a in FEA				Frequency Distributions								Statistical Comparisons ^k								
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		AUB		Your first-year students compared with						
Item wording or description		Variable name ⁱ		Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
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)		tmpprephrs		0	0 hrs	4	3	1	0	12	0	99	0	16.9	19.3 **	-0.28	17.7	-0.09	17.3	-0.05
		(Recoded version of tmpprep created by NSSE. Values are estimated number of hours per week.)		3	1-5 hrs	6	4	15	4	367	7	1,865	8							
				8	6-10 hrs	28	18	48	14	772	15	3,615	16							
				13	11-15 hrs	36	23	62	18	1,058	20	4,426	20							
				18	16-20 hrs	35	23	68	19	1,138	22	4,544	20							
				23	21-25 hrs	18	12	71	20	824	16	3,284	15							
				28	26-30 hrs	12	8	36	10	469	9	1,978	9							
				33	More than 30 hrs	16	10	51	14	550	11	2,485	11							
					Total	155	100	352	100	5,190	100	22,296	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	26	45	13	942	18	6,124	28	5.8	7.4 *	-0.22	7.5 **	-0.23	6.0	-0.03
		(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)		3	1-5 hrs	61	39	155	44	1,780	34	7,768	35							
				8	6-10 hrs	26	17	60	17	1,056	20	3,908	18							
				13	11-15 hrs	11	7	37	11	633	12	2,135	10							
				18	16-20 hrs	8	5	33	9	427	8	1,213	5							
				23	21-25 hrs	5	3	11	3	187	4	643	3							
				28	26-30 hrs	0	0	4	1	73	1	194	1							
				33	More than 30 hrs	3	2	6	2	85	2	272	1							
					Total	155	100	351	100	5,183	100	22,257	100							
c. Working for pay on campus		tmworkonhrs		0	0 hrs	125	82	230	65	3,737	72	18,195	82	2.1	3.4 *	-0.22	2.7	-0.11	2.2	-0.01
		(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)		3	1-5 hrs	8	5	25	7	367	7	751	3							
				8	6-10 hrs	6	4	58	16	557	11	1,308	6							
				13	11-15 hrs	7	5	25	7	299	6	951	4							
				18	16-20 hrs	3	2	7	2	165	3	617	3							
				23	21-25 hrs	2	1	6	2	44	1	247	1							
				28	26-30 hrs	1	1	1	0	15	0	55	0							
				33	More than 30 hrs	1	1	1	0	8	0	156	1							
					Total	153	100	353	100	5,192	100	22,280	100							

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

First-Year Students^a in FEA

First-Year Students ^a in FEA				Frequency Distributions								Statistical Comparisons ^k						
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your first-year students compared with						
												AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	118	76	307	87	4,208	81	16,911	76	2.6	1.7	.16	2.9	-.03	3.6 *	▽
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	13	8	11	3	185	4	874	4							
		8	6-10 hrs	10	6	7	2	216	4	1,058	5							
		13	11-15 hrs	6	4	15	4	171	3	1,078	5							
		18	16-20 hrs	4	3	2	1	138	3	1,009	5							
		23	21-25 hrs	2	1	5	1	88	2	597	3							
		28	26-30 hrs	1	1	0	0	56	1	286	1							
		33	More than 30 hrs	2	1	5	1	128	2	482	2							
		Total	156	100	352	100	5,190	100	22,295	100								
Estimated number of hours working for pay	tmworkhrs										4.7	5.1	-.04	5.5	-.09	5.8	-.11	
	(Continuous variable created by NSSE)																	
e. Doing community service or volunteer work	tmservehrs	0	0 hrs	76	49	244	70	3,178	61	14,408	65	3.9	1.9 ***	.39	2.1 **	.41	2.1 **	.38
	(Recoded version of tmserve created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	49	31	79	23	1,499	29	5,574	25							
		8	6-10 hrs	12	8	7	2	260	5	1,065	5							
		13	11-15 hrs	10	6	11	3	132	3	572	3							
		18	16-20 hrs	2	1	4	1	64	1	327	1							
		23	21-25 hrs	3	2	5	1	38	1	203	1							
		28	26-30 hrs	1	1	0	0	10	0	49	0							
		33	More than 30 hrs	3	2	1	0	13	0	87	0							
		Total	156	100	351	100	5,194	100	22,285	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	4	3	8	2	82	2	406	2	13.5	12.8	.09	12.4	.14	12.5	.12
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	32	21	50	14	964	19	4,237	19							
		8	6-10 hrs	38	25	101	29	1,490	29	6,123	27							
		13	11-15 hrs	23	15	77	22	1,135	22	4,859	22							
		18	16-20 hrs	21	14	65	18	752	14	3,219	14							
		23	21-25 hrs	16	10	27	8	331	6	1,439	6							
		28	26-30 hrs	8	5	7	2	140	3	616	3							
		33	More than 30 hrs	13	8	17	5	294	6	1,395	6							
		Total	155	100	352	100	5,188	100	22,294	100								

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

First-Year Students^a in FEA

First-Year Students ^a in FEA				Frequency Distributions								Statistical Comparisons ^k						
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your first-year students compared with						
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
g. Providing care for dependents (children, parents, etc.)	tmcarehrs (Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	83	53	310	89	4,365	84	17,933	81	4.0	1.3 *** ▲	.49	1.5 *** ▲	.49	1.9 *** ▲	.40
		3	1-5 hrs	35	22	16	5	392	8	1,974	9							
		8	6-10 hrs	18	12	3	1	151	3	861	4							
		13	11-15 hrs	7	4	9	3	116	2	584	3							
		18	16-20 hrs	6	4	5	1	58	1	374	2							
		23	21-25 hrs	4	3	4	1	33	1	200	1							
		28	26-30 hrs	2	1	0	0	14	0	61	0							
		33	More than 30 hrs	1	1	3	1	58	1	254	1							
		Total	156	100	350	100	5,187	100	22,241	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs (Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	14	9	208	59	2,949	57	8,535	38	9.0	2.7 *** ▲	1.09	2.6 *** ▲	1.27	4.3 *** ▲	.77
		3	1-5 hrs	44	28	87	25	1,544	30	8,071	36							
		8	6-10 hrs	42	27	30	9	391	8	3,076	14							
		13	11-15 hrs	34	22	14	4	170	3	1,376	6							
		18	16-20 hrs	11	7	4	1	53	1	575	3							
		23	21-25 hrs	3	2	5	1	40	1	305	1							
		28	26-30 hrs	4	3	0	0	19	0	101	0							
		33	More than 30 hrs	3	2	2	1	37	1	265	1							
		Total	155	100	350	100	5,203	100	22,304	100								
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																		
reading	tmreadinghrs (Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)	1	Very little	37	24	69	20	978	19	5,350	24	2.3	2.4	-.04	2.3	-.04	2.3	.04
		2	Some	59	38	154	44	2,339	45	9,414	42							
		3	About half	38	24	81	23	1,161	22	4,585	21							
		4	Most	19	12	32	9	554	11	2,201	10							
		5	Almost all	3	2	16	5	166	3	738	3							
		Total	156	100	352	100	5,198	100	22,288	100								
												5.8	6.9 * ▽	-.19	6.1	-.06	5.8	.00

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

First-Year Students^a in FEA

First-Year Students ^a in FEA				Frequency Distributions								Statistical Comparisons ^k							
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your first-year students compared with							
												AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%								
	tmreadinghrscol (Collapsed version of tmreadinghrs created by NSSE.)	1	0 hrs	4	3	1	0	12	0	98	0								
		2	More than zero, up to 5 hrs	83	54	174	50	2,780	54	12,718	57								
		3	More than 5, up to 10 hrs	47	30	101	29	1,581	31	6,192	28								
		4	More than 10, up to 15 hrs	9	6	40	11	419	8	1,604	7								
		5	More than 15, up to 20 hrs	8	5	15	4	225	4	879	4								
		6	More than 20, up to 25 hrs	4	3	14	4	117	2	544	2								
		7	More than 25 hrs	0	0	5	1	39	1	178	1								
		Total		155	100	350	100	5,173	100	22,213	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	13	8	28	8	579	11	2,895	13	2.9	2.7	.17	2.6 ***	.28	2.6 ***	.35	
		2	Some	32	21	110	31	1,649	32	7,415	33								
		3	Quite a bit	72	46	147	42	2,099	40	8,635	39								
		4	Very much	38	25	68	19	859	17	3,324	15								
		Total		155	100	353	100	5,186	100	22,269	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	16	10	70	20	758	15	3,662	16	2.8	2.4 ***	.45	2.5 ***	.31	2.5 ***	.36	
		2	Some	35	23	131	37	1,832	35	7,810	35								
		3	Quite a bit	69	45	103	29	1,824	35	7,668	34								
		4	Very much	35	23	48	14	784	15	3,158	14								
		Total		155	100	352	100	5,198	100	22,298	100								
c. Thinking critically and analytically	pgthink	1	Very little	3	2	17	5	165	3	814	4	3.1	3.0	.14	3.1	.04	3.1	.06	
		2	Some	29	19	80	23	960	18	4,219	19								
		3	Quite a bit	70	45	142	40	2,328	45	9,975	45								
		4	Very much	53	34	113	32	1,740	34	7,297	33								
		Total		155	100	352	100	5,193	100	22,305	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	13	8	28	8	302	6	1,133	5	3.1	2.9 *	.20	3.0	.08	3.0	.05	
		2	Some	24	15	85	24	1,157	22	4,885	22								
		3	Quite a bit	61	39	143	41	2,059	40	9,056	41								
		4	Very much	58	37	94	27	1,683	32	7,235	32								
		Total		156	100	350	100	5,201	100	22,309	100								

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

First-Year Students^a in FEA

First-Year Students ^a in FEA				Frequency Distributions								Statistical Comparisons ^k						
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your first-year students compared with						
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	22	14	54	15	490	9	2,541	11	2.6	2.5	.08	2.8	-.17	2.7	-.08
		2	Some	51	33	118	34	1,513	29	6,886	31							
		3	Quite a bit	47	31	121	34	1,950	38	8,130	36							
		4	Very much	34	22	59	17	1,244	24	4,753	21							
		Total	154	100	352	100	5,197	100	22,310	100								
f. Working effectively with others	pgothers	1	Very little	14	9	29	8	275	5	1,339	6	2.8	2.7	.10	2.9	-.09	2.9	-.05
		2	Some	43	28	103	29	1,295	25	5,793	26							
		3	Quite a bit	50	33	149	42	2,249	43	9,427	42							
		4	Very much	46	30	72	20	1,375	26	5,748	26							
		Total	153	100	353	100	5,194	100	22,307	100								
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	17	11	50	14	590	11	3,000	13	2.8	2.6	.15	2.7	.07	2.6	.15
		2	Some	46	30	112	32	1,572	30	6,939	31							
		3	Quite a bit	49	32	119	34	1,921	37	8,047	36							
		4	Very much	42	27	72	20	1,121	22	4,332	19							
		Total	154	100	353	100	5,204	100	22,318	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	10	6	39	11	612	12	3,291	15	3.0	2.7 *** ▲	.36	2.7 *** ▲	.42	2.6 *** ▲	.48
		2	Some	34	22	103	29	1,640	32	7,013	31							
		3	Quite a bit	50	32	130	37	1,877	36	7,661	34							
		4	Very much	61	39	79	23	1,065	21	4,325	19							
		Total	155	100	351	100	5,194	100	22,290	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	19	12	41	12	466	9	2,174	10	2.7	2.6	.04	2.7	-.09	2.7	-.08
		2	Some	48	31	120	34	1,599	31	6,645	30							
		3	Quite a bit	53	34	120	34	1,941	37	8,296	37							
		4	Very much	34	22	70	20	1,195	23	5,197	23							
		Total	154	100	351	100	5,201	100	22,312	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	18	12	62	18	762	15	3,677	17	2.7	2.5 ** ▲	.27	2.5 ** ▲	.24	2.5 *** ▲	.28
		2	Some	42	27	111	32	1,852	36	7,931	36							
		3	Quite a bit	57	37	131	37	1,790	34	7,245	33							
		4	Very much	36	24	48	14	792	15	3,405	15							
		Total	153	100	352	100	5,196	100	22,258	100								

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

First-Year Students^a in FEA

First-Year Students ^a in FEA				Frequency Distributions								Statistical Comparisons ^k							
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		AUB		Your first-year students compared with					
														Selected Peers		Private Non Profit		NSSE 2017 & 2018	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	6	4	4	1	81	2	531	2	3.1	3.1	-.07	3.3 **	-.27	3.2	-.13	
		2	Fair	20	13	63	18	635	12	3,128	14								
		3	Good	88	57	177	50	2,355	45	11,019	49								
		4	Excellent	41	26	109	31	2,128	41	7,642	34								
		Total		155	100	353	100	5,199	100	22,320	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	7	4	15	4	170	3	725	3	3.2	3.1	.16	3.3	-.04	3.2	.00	
		2	Probably no	18	12	47	13	554	11	2,561	11								
		3	Probably yes	63	40	178	50	2,243	43	9,839	44								
		4	Definitely yes	68	44	115	32	2,242	43	9,213	41								
		Total		156	100	355	100	5,209	100	22,338	100								
20. Do you intend to return to this institution next year? ^f																			
	returnexp	No		4	3	9	3	102	3	317	4	89%	90%	-.04	90%	-.02	89%	.01	
(Means indicate the percentage who responded "Yes." Comparison data are limited to NSSE 2018 participants.)		Yes		139	89	322	90	2,784	90	6,666	89								
		Not sure		13	8	26	7	219	7	518	7								
		Total		156	100	357	100	3,105	100	7,501	100								

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

Seniors^a in FEA

Seniors ^a in FEA				Frequency Distributions								Statistical Comparisons ^k						
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your seniors compared with						
												AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
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	5	3	14	5	143	3	1,491	6	2.9	2.7 *	.23	3.0	-.05	2.8 *	.17
		2	Sometimes	68	34	114	40	1,579	30	9,925	38							
		3	Often	66	33	99	34	1,830	35	8,469	32							
		4	Very often	60	30	60	21	1,637	32	6,498	25							
		Total	199	100	287	100	5,189	100	26,383	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	49	25	88	31	1,394	27	7,030	27	2.3	2.1 *	.19	2.2	.15	2.2	.09
		2	Sometimes	73	37	106	37	2,102	41	9,965	38							
		3	Often	44	22	66	23	1,145	22	6,204	24							
		4	Very often	32	16	27	9	537	10	3,130	12							
		Total	198	100	287	100	5,178	100	26,329	100								
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	12	6	29	10	327	6	2,186	8	2.9	2.8	.10	2.9	-.11	2.9	-.01
		2	Often	42	21	59	20	865	17	4,912	19							
		3	Sometimes	110	55	151	52	2,770	53	13,795	52							
		4	Never	36	18	49	17	1,219	24	5,462	21							
		Total	200	100	288	100	5,181	100	26,355	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	96	48	96	34	2,021	39	13,082	50	1.8	1.9 *	-.20	1.8	-.09	1.7	.12
		2	Sometimes	64	32	128	45	2,186	42	9,741	37							
		3	Often	28	14	45	16	710	14	2,581	10							
		4	Very often	11	6	17	6	262	5	971	4							
		Total	199	100	286	100	5,179	100	26,375	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	28	14	13	5	347	7	1,570	6	2.4	2.9 ***	-.54	2.8 ***	-.38	2.8 ***	-.41
		2	Sometimes	87	44	75	26	1,720	33	8,754	33							
		3	Often	52	26	125	43	1,837	35	9,375	36							
		4	Very often	32	16	75	26	1,282	25	6,689	25							
		Total	199	100	288	100	5,186	100	26,388	100								
f. Explained course material to one or more students	CLexplain	1	Never	2	1	3	1	123	2	541	2	2.9	3.1 *	-.19	3.0	-.06	3.0	-.09
		2	Sometimes	64	32	63	22	1,363	26	6,752	26							
		3	Often	80	40	131	46	2,216	43	11,247	43							
		4	Very often	54	27	90	31	1,484	29	7,855	30							
		Total	200	100	287	100	5,186	100	26,395	100								

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

Seniors^a in FEA

Seniors^a in FEA

				Frequency Distributions								Statistical Comparisons ^k						
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your seniors compared with						
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	23	12	24	8	545	11	2,409	9	2.8	2.9	-.11	2.8	.01	2.9	-.05
		2	Sometimes	56	28	73	25	1,481	29	7,268	28							
		3	Often	59	30	98	34	1,679	32	8,512	32							
		4	Very often	62	31	93	32	1,476	28	8,201	31							
		Total	200	100	288	100	5,181	100	26,390	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	3	2	2	1	92	2	518	2	3.3	3.4	-.08	3.3	.09	3.3	.08
		2	Sometimes	26	13	30	10	780	15	4,072	15							
		3	Often	69	35	107	37	1,950	38	9,364	35							
		4	Very often	100	51	149	52	2,364	46	12,447	47							
		Total	198	100	288	100	5,186	100	26,401	100								
i. Given a course presentation	present	1	Never	15	8	7	2	290	6	2,291	9	3.0	3.1	-.15	2.9	.12	2.7 ***	.28
		2	Sometimes	47	24	53	18	1,514	29	8,989	34							
		3	Often	64	32	128	44	1,921	37	8,795	33							
		4	Very often	74	37	100	35	1,462	28	6,309	24							
		Total	200	100	288	100	5,187	100	26,384	100								
2. During the current school year, about how often have you done the following?																		
a. Combined ideas from different courses when completing assignments	RIntegrate	1	Never	11	6	8	3	142	3	727	3	2.7	3.0 **	-.27	2.9 **	-.19	2.9 **	-.22
		2	Sometimes	69	35	77	27	1,567	30	7,660	29							
		3	Often	81	41	121	42	2,229	43	11,118	42							
		4	Very often	38	19	81	28	1,245	24	6,854	26							
		Total	199	100	287	100	5,183	100	26,359	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	22	11	27	9	598	12	3,880	15	2.5	2.6	-.08	2.4	.10	2.4 *	.15
		2	Sometimes	82	41	114	40	2,390	46	11,907	45							
		3	Often	68	34	98	34	1,585	31	7,416	28							
		4	Very often	28	14	47	16	607	12	3,165	12							
		Total	200	100	286	100	5,180	100	26,368	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	57	29	81	28	1,167	23	8,792	33	2.1	2.0	.03	2.1	-.09	2.0	.10
		2	Sometimes	90	45	127	44	2,498	48	11,247	43							
		3	Often	36	18	65	23	1,121	22	4,503	17							
		4	Very often	17	9	14	5	394	8	1,820	7							
		Total	200	100	287	100	5,180	100	26,362	100								

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

Seniors^a in FEA

Seniors ^a in FEA				Frequency Distributions								Statistical Comparisons ^k						
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your seniors compared with						
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	14	7	32	11	379	7	2,507	10	2.7	2.5	.12	2.6	.05	2.6	.11
		2	Sometimes	75	38	104	36	1,964	38	10,092	38							
		3	Often	76	38	113	39	2,136	41	10,172	39							
		4	Very often	34	17	38	13	699	13	3,592	14							
		Total		199	100	287	100	5,178	100	26,363	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	7	4	12	4	266	5	1,687	6	2.8	2.8	.01	2.8	.10	2.7	.12
		2	Sometimes	64	32	84	29	1,689	33	8,659	33							
		3	Often	85	43	132	46	2,279	44	11,057	42							
		4	Very often	44	22	58	20	941	18	4,945	19							
		Total		200	100	286	100	5,175	100	26,348	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	4	2	7	2	127	2	758	3	3.0	2.8	.17	2.8 **	.19	2.8 **	.18
		2	Sometimes	47	24	88	31	1,688	33	8,404	32							
		3	Often	102	51	136	48	2,369	46	11,969	45							
		4	Very often	47	24	55	19	996	19	5,216	20							
		Total		200	100	286	100	5,180	100	26,347	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	5	3	4	1	59	1	397	2	2.9	3.1	-.15	3.0	-.13	3.0	-.12
		2	Sometimes	50	25	58	20	1,086	21	5,647	21							
		3	Often	92	47	139	49	2,604	50	12,921	49							
		4	Very often	50	25	85	30	1,426	28	7,358	28							
		Total		197	100	286	100	5,175	100	26,323	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	54	27	42	15	830	16	6,012	23	2.2	2.5 ***	-.31	2.4 ***	-.27	2.3	-.10
		2	Sometimes	80	40	115	40	2,167	42	10,804	41							
		3	Often	40	20	86	30	1,318	25	5,846	22							
		4	Very often	24	12	44	15	866	17	3,676	14							
		Total		198	100	287	100	5,181	100	26,338	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	76	38	88	31	1,693	33	10,489	40	2.1	2.1	-.04	2.1	-.02	2.0	.10
		2	Sometimes	55	28	107	37	1,884	36	8,680	33							
		3	Often	45	23	64	22	1,050	20	4,510	17							
		4	Very often	23	12	28	10	556	11	2,670	10							
		Total		199	100	287	100	5,183	100	26,349	100							

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

Seniors^a in FEA

Seniors ^a in FEA				Frequency Distributions								Statistical Comparisons ^k						
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		AUB		Your seniors compared with				
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	50	25	45	16	947	18	5,841	22	2.2	2.3	-.13	2.3	-.08	2.2	.03
		2	Sometimes	72	36	129	45	2,316	45	11,830	45							
		3	Often	57	29	82	29	1,348	26	6,101	23							
		4	Very often	19	10	31	11	561	11	2,536	10							
		Total	198	100	287	100	5,172	100	26,308	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	73	37	52	18	1,176	23	7,631	29	2.0	2.2 *** ▼	-.31	2.2 ** ▼	-.23	2.0	-.11
		2	Sometimes	74	37	145	51	2,448	47	11,767	45							
		3	Often	38	19	62	22	1,096	21	4,965	19							
		4	Very often	13	7	27	9	454	9	1,960	7							
		Total	198	100	286	100	5,174	100	26,323	100								
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	18	9	34	12	535	10	2,313	9	2.8	2.5 *** ▲	.35	2.5 *** ▲	.32	2.6 *** ▲	.25
		2	Some	56	29	114	40	2,102	41	10,381	39							
		3	Quite a bit	71	36	105	37	1,893	37	9,856	37							
		4	Very much	50	26	33	12	648	13	3,811	14							
		Total	195	100	286	100	5,178	100	26,361	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	4	2	2	1	85	2	561	2	3.1	3.3 *** ▼	-.33	3.2 * ▼	-.17	3.2 ** ▼	-.20
		2	Some	42	21	27	9	770	15	3,737	14							
		3	Quite a bit	86	43	135	47	2,293	44	10,939	42							
		4	Very much	66	33	122	43	2,029	39	11,101	42							
		Total	198	100	286	100	5,177	100	26,338	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	10	5	15	5	226	4	1,217	5	3.0	3.0	-.05	3.0	.03	3.0	-.01
		2	Some	42	21	54	19	1,205	23	5,782	22							
		3	Quite a bit	84	42	122	43	2,194	42	10,848	41							
		4	Very much	62	31	96	33	1,541	30	8,475	32							
		Total	198	100	287	100	5,166	100	26,322	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	18	9	42	15	610	12	3,877	15	2.7	2.5 ** ▲	.28	2.6 ** ▲	.19	2.5 *** ▲	.24
		2	Some	64	33	109	38	1,867	36	9,342	36							
		3	Quite a bit	66	34	93	32	1,872	36	8,814	34							
		4	Very much	48	24	43	15	820	16	4,272	16							
		Total	196	100	287	100	5,169	100	26,305	100								

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

Seniors^a in FEA

Seniors ^a in FEA				Frequency Distributions								Statistical Comparisons ^k						
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your seniors compared with						
												AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%							
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	10	5	24	8	305	6	1,963	7	2.9	2.8	.09	2.8	.11	2.8	.14
		2	Some	52	27	73	26	1,585	31	8,017	30							
		3	Quite a bit	87	44	126	44	2,240	43	10,856	41							
		4	Very much	47	24	63	22	1,046	20	5,487	21							
		Total	196	100	286	100	5,176	100	26,323	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	11	6	5	2	137	3	831	3	2.8	2.9	-.14	3.0 ***	-.28	3.0 **	-.21
		2	Some	61	31	71	25	1,087	21	6,002	23							
		3	Quite a bit	80	41	154	54	2,466	48	12,534	48							
		4	Very much	45	23	57	20	1,485	29	6,959	26							
		Total	197	100	287	100	5,175	100	26,326	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	14	7	6	2	144	3	1,027	4	2.8	2.9 *	-.22	3.0 ***	-.31	2.9 **	-.20
		2	Some	53	27	68	24	1,048	20	6,238	24							
		3	Quite a bit	93	47	150	52	2,591	50	12,635	48							
		4	Very much	36	18	63	22	1,393	27	6,429	24							
		Total	196	100	287	100	5,176	100	26,329	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	9	5	5	2	150	3	912	3	2.9	3.0	-.18	3.1 **	-.21	3.0	-.14
		2	Some	47	24	55	19	988	19	5,643	21							
		3	Quite a bit	95	48	149	52	2,395	46	11,900	45							
		4	Very much	46	23	76	27	1,639	32	7,860	30							
		Total	197	100	285	100	5,172	100	26,315	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	32	16	50	17	653	13	4,346	17	2.5	2.4	.14	2.6	-.06	2.4	.08
		2	Some	64	33	103	36	1,807	35	9,791	37							
		3	Quite a bit	66	34	105	37	1,800	35	8,326	32							
		4	Very much	34	17	29	10	915	18	3,848	15							
		Total	196	100	287	100	5,175	100	26,311	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	36	18	26	9	350	7	2,741	10	2.4	2.5	-.18	2.7 ***	-.43	2.6 ***	-.26
		2	Some	78	40	116	41	1,692	33	9,419	36							
		3	Quite a bit	59	30	114	40	2,171	42	9,969	38							
		4	Very much	24	12	29	10	947	18	4,115	16							
		Total	197	100	285	100	5,160	100	26,244	100								

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

Seniors^a in FEA

Seniors ^a in FEA				Frequency Distributions								Statistical Comparisons ^k							
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your seniors compared with							
												AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%								
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	5	3	8	3	189	4	833	3	3.0	3.1 *	-.20	3.0	-.07	3.1	-.12	
		2	Sometimes	55	28	55	19	1,179	23	5,687	22								
		3	Often	76	39	113	40	2,139	41	10,789	41								
		4	Very often	57	30	107	38	1,655	32	8,925	34								
		Total	193	100	283	100	5,162	100	26,234	100									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	43	22	45	16	955	18	5,091	19	2.4	2.6	-.13	2.4	.00	2.5	-.01	
		2	Sometimes	57	29	93	33	1,858	36	8,984	34								
		3	Often	59	30	85	30	1,458	28	7,251	28								
		4	Very often	35	18	61	21	897	17	4,913	19								
		Total	194	100	284	100	5,168	100	26,239	100									
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	26	13	25	9	525	10	2,893	11	2.5	2.7 *	-.22	2.6	-.10	2.6	-.11	
		2	Sometimes	78	40	93	33	1,983	38	9,783	37								
		3	Often	61	31	118	41	1,870	36	9,105	35								
		4	Very often	29	15	50	17	784	15	4,483	17								
		Total	194	100	286	100	5,162	100	26,264	100									
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum (Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	15	8	23	8	322	6	2,269	9	8.2	6.6 *	.24	7.2	.15	7.0 *	.19	
		1.5	1-2	40	21	52	18	1,018	20	5,446	21								
		4	3-5	48	25	85	30	1,515	29	7,260	28								
		8	6-10	31	16	72	25	1,102	21	5,287	20								
		13	11-15	26	13	29	10	544	11	2,629	10								
		18	16-20	6	3	8	3	272	5	1,251	5								
		23	More than 20	28	14	16	6	385	7	2,023	8								
		Total	194	100	285	100	5,158	100	26,165	100									
b. Between 6 and 10 pages	wrmednum (Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	30	15	60	21	1,196	23	6,228	24	5.9	3.9 ***	.37	3.4 ***	.57	4.0 ***	.39	
		1.5	1-2	47	24	90	32	1,806	35	8,027	31								
		4	3-5	49	25	75	26	1,229	24	6,077	23								
		8	6-10	34	17	32	11	565	11	3,317	13								
		13	11-15	16	8	18	6	209	4	1,274	5								
		18	16-20	6	3	6	2	66	1	479	2								
		23	More than 20	13	7	4	1	72	1	676	3								
		Total	195	100	285	100	5,143	100	26,078	100									

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

Seniors^a in FEA

Seniors ^a in FEA				Frequency Distributions								Statistical Comparisons ^k						
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your seniors compared with						
Item wording or description	Variable name ^j	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	AUB	Selected Peers	Effect size ⁿ	Private Non Profit	Effect size ⁿ	NSSE 2017 & 2018	Effect size ⁿ
c. 11 pages or more	wrlongnum	0	None	33	17	108	38	1,952	38	9,131	35	6.0	3.1 *** ▲	.53	2.3 *** ▲	.94	3.1 *** ▲	.63
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	50	26	93	33	1,963	38	8,859	34							
		4	3-5	33	17	39	14	724	14	4,140	16							
		8	6-10	39	20	25	9	297	6	2,175	8							
		13	11-15	21	11	8	3	128	2	934	4							
		18	16-20	4	2	5	2	40	1	392	1							
		23	More than 20	13	7	8	3	64	1	598	2							
		Total		193	100	286	100	5,168	100	26,229	100							
Estimated number of assigned pages of student writing.	wrpages											163.0	96.7 *** ▲	.53	83.7 *** ▲	.84	97.8 *** ▲	.58
	(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	27	14	5	2	227	4	1,386	5	2.7	3.2 *** ▼	-.60	3.0 *** ▼	-.40	3.1 *** ▼	-.46
		2	Sometimes	67	34	59	21	1,337	26	5,931	23							
		3	Often	44	23	89	31	1,639	32	7,733	29							
		4	Very often	57	29	133	47	1,972	38	11,267	43							
			Total	195	100	286	100	5,175	100	26,317	100							
b. People from an economic background other than your own	DDeconomic	1	Never	5	3	5	2	217	4	1,241	5	3.2	3.2	-.03	3.0 * ▲	.17	3.0 * ▲	.16
		2	Sometimes	33	17	52	18	1,172	23	6,072	23							
		3	Often	76	39	103	36	1,919	37	9,097	35							
		4	Very often	80	41	124	44	1,853	36	9,853	38							
			Total	194	100	284	100	5,161	100	26,263	100							
c. People with religious beliefs other than your own	DDreligion	1	Never	0	0	4	1	440	9	1,694	6	3.5	3.2 *** ▲	.33	2.9 *** ▲	.60	3.0 *** ▲	.49
		2	Sometimes	25	13	56	20	1,383	27	6,290	24							
		3	Often	53	27	98	35	1,630	32	8,330	32							
		4	Very often	116	60	126	44	1,707	33	9,957	38							
			Total	194	100	284	100	5,160	100	26,271	100							
d. People with political views other than your own	DDpolitical	1	Never	5	3	22	8	291	6	1,567	6	3.5	2.8 *** ▲	.74	2.9 *** ▲	.62	2.9 *** ▲	.56
		2	Sometimes	21	11	102	36	1,585	31	7,298	28							
		3	Often	46	24	74	26	1,657	32	8,546	33							
		4	Very often	119	62	88	31	1,633	32	8,883	34							
			Total	191	100	286	100	5,166	100	26,294	100							

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

Seniors^a in FEA

Seniors ^a in FEA				Frequency Distributions								Statistical Comparisons ^k									
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your seniors compared with									
Item wording or description		Variable name ⁱ		Values ^m		Response options		Count	%	Count	%	Count	%	Count	%	AUB	Selected Peers	Private Non Profit	NSSE 2017 & 2018	Effect size ⁿ	Effect size ⁿ
9. During the current school year, about how often have you done the following?																					
a. Identified key information from reading assignments	LSreading	1	Never	11	6	17	6	229	4	1,473	6	2.8	2.8	.00	2.8	-.04	2.8	.00			
		2	Sometimes	60	31	70	25	1,480	29	7,639	29										
		3	Often	75	39	145	51	2,310	45	11,249	43										
		4	Very often	47	24	52	18	1,149	22	5,926	23										
		Total	193	100	284	100	5,168	100	26,287	100											
b. Reviewed your notes after class	LSnotes	1	Never	37	19	32	11	525	10	2,633	10	2.4	2.6	-.17	2.6 **	-.21	2.7 ***	-.25			
		2	Sometimes	66	34	106	37	1,915	37	9,360	36										
		3	Often	59	31	95	33	1,665	32	8,505	32										
		4	Very often	31	16	53	19	1,063	21	5,799	22										
		Total	193	100	286	100	5,168	100	26,297	100											
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	19	10	40	14	546	11	2,799	11	2.7	2.5 *	.22	2.6 *	.18	2.6	.13			
		2	Sometimes	63	32	100	35	1,930	37	9,309	35										
		3	Often	63	32	100	35	1,848	36	9,258	35										
		4	Very often	49	25	45	16	837	16	4,886	19										
		Total	194	100	285	100	5,161	100	26,252	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	6	3	2	1	50	1	333	1	5.1	5.4	-.16	5.4 *	-.21	5.4 **	-.19			
		2		5	3	5	2	95	2	521	2										
		3		13	7	19	7	264	5	1,438	5										
		4		32	16	31	11	566	11	3,113	12										
		5		54	28	96	34	1,598	31	7,784	30										
		6		45	23	68	24	1,457	28	6,810	26										
		7	Very much	40	21	63	22	1,123	22	6,241	24										
Total				195	100	284	100	5,153	100	26,240	100										
11. Which of the following have you done or do you plan to do before you graduate? ^o																					
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		6	3	7	2	214	4	1,376	5	58%	74% ***	-.34	68% **	-.21	60%	-.04			
		Do not plan to do		8	4	28	10	562	11	3,091	12										
		Plan to do		68	35	40	14	868	17	6,106	23										
		Done or in progress		113	58	211	74	3,531	68	15,737	60										
		Total		195	100	286	100	5,175	100	26,310	100										
(Means indicate the percentage who responded "Done or in progress.")																					

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

Seniors^a in

FEA

Seniors ^a in FEA				Frequency Distributions								Statistical Comparisons ^k						
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		AUB		Your seniors compared with				
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
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	21	11	10	4	338	7	2,258	9	41%	61% *** ▼	-.39	53% *** ▼	-.25	43%	-.04
			Do not plan to do	49	25	86	30	1,719	33	10,156	39							
			Plan to do	44	23	16	6	350	7	2,470	9							
			Done or in progress	80	41	173	61	2,765	53	11,409	43							
			Total	194	100	285	100	5,172	100	26,293	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	35	18	22	8	537	10	3,042	12	16%	24% * ▼	-.20	26% ** ▼	-.24	25% ** ▼	-.21
			Do not plan to do	86	44	171	60	2,914	56	14,223	54							
			Plan to do	42	22	23	8	391	8	2,552	10							
			Done or in progress	31	16	68	24	1,326	26	6,443	25							
			Total	194	100	284	100	5,168	100	26,260	100							
d. Participate in a study abroad program	abroad (Means indicate the percentage who responded "Done or in progress.")		Have not decided	32	16	13	5	339	7	2,579	10	13%	33% *** ▼	-.48	18%	-.12	12%	.04
			Do not plan to do	95	49	168	59	3,638	70	18,702	71							
			Plan to do	41	21	10	3	277	5	1,832	7							
			Done or in progress	26	13	95	33	918	18	3,174	12							
			Total	194	100	286	100	5,172	100	26,287	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	21	11	14	5	522	10	3,545	13	36%	50% ** ▼	-.27	34%	.05	30% * ▲	.15
			Do not plan to do	53	28	109	38	2,287	44	10,836	41							
			Plan to do	48	25	20	7	590	11	4,113	16							
			Done or in progress	70	36	143	50	1,769	34	7,788	30							
			Total	192	100	286	100	5,168	100	26,282	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	22	11	1	0	157	3	1,189	5	33%	91% *** ▼	-1.31	68% *** ▼	-.71	58% *** ▼	-.50
			Do not plan to do	34	17	8	3	327	6	2,169	8							
			Plan to do	74	38	16	6	1,172	23	7,630	29							
			Done or in progress	65	33	261	91	3,518	68	15,294	58							
			Total	195	100	286	100	5,174	100	26,282	100							
12. About how many of your courses at this institution have included a community-based project (service-learning)?																		
servcourse		1	None	80	42	172	61	2,410	47	13,471	51	1.8	1.5 *** ▲	.44	1.6 * ▲	.22	1.6 *** ▲	.27
		2	Some	84	44	99	35	2,401	46	10,677	41							
		3	Most	22	11	7	2	291	6	1,698	6							
		4	All	6	3	5	2	62	1	377	1							
			Total	192	100	283	100	5,164	100	26,223	100							

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

Seniors^a in FEA

Seniors^a in FEA

Frequency Distributions												Statistical Comparisons ^k							
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your seniors compared with							
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	Qlstudent	1	Poor	2	1	1	0	48	1	288	1	5.6	5.5	.12	5.6	.03	5.6	.02	
		2		3	2	4	1	68	1	386	1								
		3		11	6	20	7	192	4	993	4								
		4		21	11	32	11	486	9	2,499	9								
		5		40	21	70	24	1,367	26	6,651	25								
		6		51	26	87	30	1,612	31	7,827	30								
		7	Excellent	67	34	70	24	1,363	26	7,533	29								
		—	Not applicable	0	0	2	1	37	1	147	1								
		Total		195	100	286	100	5,173	100	26,324	100								
b. Academic advisors	Qladvisor	1	Poor	42	22	18	6	226	4	1,475	6	3.7	5.0 ***	-.71	5.1 ***	-.84	4.9 ***	-.68	
		2		28	14	12	4	277	5	1,668	6								
		3		20	10	22	8	424	8	2,385	9								
		4		23	12	45	16	655	13	3,751	14								
		5		38	19	59	21	1,009	20	5,174	20								
		6		22	11	55	19	1,085	21	4,867	19								
		7	Excellent	20	10	73	26	1,436	28	6,017	23								
		—	Not applicable	2	1	1	0	58	1	957	4								
		Total		195	100	285	100	5,170	100	26,294	100								
c. Faculty	Qlfaculty	1	Poor	16	8	3	1	82	2	593	2	4.4	5.1 ***	-.46	5.4 ***	-.69	5.1 ***	-.49	
		2		15	8	8	3	120	2	908	3								
		3		22	11	22	8	268	5	1,886	7								
		4		37	19	51	18	692	13	4,157	16								
		5		54	28	86	30	1,324	26	6,982	27								
		6		27	14	72	25	1,531	30	6,735	26								
		7	Excellent	24	12	43	15	1,110	21	4,811	18								
		—	Not applicable	0	0	1	0	36	1	179	1								
		Total		195	100	286	100	5,163	100	26,251	100								

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

Seniors^a in FEA

Seniors ^a in FEA				Frequency Distributions								Statistical Comparisons ^k							
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your seniors compared with							
												AUB	Selected Peers	Private Non Profit	NSSE 2017 & 2018				
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	23	12	7	2	255	5	1,422	5	4.3	4.7 **	-.29	4.7 ***	-.30	4.7 ***	-.26	
		2		15	8	15	5	268	5	1,428	5								
		3		17	9	36	13	475	9	2,326	9								
		4		38	19	57	20	854	17	4,150	16								
		5		51	26	80	28	1,182	23	5,533	21								
		6		25	13	43	15	929	18	4,287	16								
		7	Excellent	21	11	41	14	754	15	3,688	14								
		—	Not applicable	5	3	7	2	442	9	3,420	13								
		Total		195	100	286	100	5,159	100	26,254	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	24	12	10	3	251	5	1,478	6	4.1	4.7 **	-.32	4.8 ***	-.39	4.7 ***	-.33	
		2		16	8	17	6	287	6	1,535	6								
		3		26	13	27	9	474	9	2,437	9								
		4		35	18	62	22	854	17	4,542	17								
		5		47	24	76	27	1,221	24	5,901	22								
		6		26	13	49	17	992	19	4,673	18								
		7	Excellent	19	10	32	11	806	16	3,797	14								
		—	Not applicable	2	1	13	5	281	5	1,931	7								
		Total		195	100	286	100	5,166	100	26,294	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	3	2	3	1	89	2	442	2	3.4	3.3	.11	3.2 **	.19	3.2 **	.21	
		2	Some	24	13	31	11	711	14	3,941	15								
		3	Quite a bit	62	32	129	45	2,262	44	11,348	43								
		4	Very much	103	54	123	43	2,108	41	10,548	40								
			Total	192	100	286	100	5,170	100	26,279	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	35	18	15	5	238	5	1,555	6	2.4	2.8 ***	-.46	2.9 ***	-.67	2.8 ***	-.53	
		2	Some	77	40	87	31	1,243	24	7,564	29								
		3	Quite a bit	58	30	136	48	2,401	47	11,492	44								
		4	Very much	24	12	46	16	1,278	25	5,632	21								
			Total	194	100	284	100	5,160	100	26,243	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	37	19	20	7	440	9	3,064	12	2.4	2.6 **	-.27	2.8 ***	-.43	2.6 ***	-.29	
		2	Some	69	36	110	38	1,480	29	8,294	32								
		3	Quite a bit	66	34	119	42	2,119	41	9,766	37								
		4	Very much	22	11	37	13	1,129	22	5,142	20								
			Total	194	100	286	100	5,168	100	26,266	100								

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

Seniors^a in FEA

Seniors ^a in FEA				Frequency Distributions								Statistical Comparisons ^k							
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		AUB		Your seniors compared with					
														Selected Peers		Private Non Profit		NSSE 2017 & 2018	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	34	17	59	21	941	18	5,154	20	2.6	2.4	.18	2.5	.14	2.4 *	.15	
		2	Some	57	29	96	34	1,767	34	8,794	33								
		3	Quite a bit	60	31	86	30	1,627	32	8,024	31								
		4	Very much	44	23	44	15	822	16	4,285	16								
		Total	195	100	285	100	5,157	100	26,257	100									
e. Providing opportunities to be involved socially	SEsocial	1	Very little	26	13	27	9	477	9	2,680	10	2.7	2.7	.01	2.7	-.06	2.7	-.01	
		2	Some	51	26	95	33	1,512	29	7,989	30								
		3	Quite a bit	76	39	110	38	2,083	40	10,387	40								
		4	Very much	41	21	54	19	1,081	21	5,192	20								
		Total	194	100	286	100	5,153	100	26,248	100									
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	35	18	28	10	625	12	3,278	12	2.6	2.6	-.05	2.7	-.09	2.7	-.08	
		2	Some	52	27	102	36	1,519	29	7,860	30								
		3	Quite a bit	64	33	102	36	1,989	39	9,836	37								
		4	Very much	41	21	52	18	1,022	20	5,273	20								
		Total	192	100	284	100	5,155	100	26,247	100									
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	92	47	100	35	1,732	34	9,404	36	1.9	1.9	-.08	2.0 *	-.17	2.0	-.13	
		2	Some	53	27	117	41	1,944	38	9,670	37								
		3	Quite a bit	31	16	49	17	1,057	21	5,141	20								
		4	Very much	18	9	18	6	415	8	2,021	8								
		Total	194	100	284	100	5,148	100	26,236	100									
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	40	21	27	9	752	15	4,336	17	2.4	2.6	-.16	2.5	-.10	2.5	-.04	
		2	Some	64	33	110	38	1,764	34	9,199	35								
		3	Quite a bit	55	28	107	37	1,847	36	8,810	34								
		4	Very much	34	18	42	15	800	15	3,918	15								
		Total	193	100	286	100	5,163	100	26,263	100									
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	41	21	51	18	1,178	23	6,530	25	2.4	2.3	.08	2.2	.15	2.2 **	.21	
		2	Some	71	36	126	44	2,076	40	10,738	41								
		3	Quite a bit	52	27	79	28	1,399	27	6,592	25								
		4	Very much	31	16	29	10	505	10	2,386	9								
		Total	195	100	285	100	5,158	100	26,246	100									

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

Seniors^a in FEA

Seniors^a in FEA

Frequency Distributions												Statistical Comparisons ^k							
												Your seniors compared with							
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018	
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
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)	tmpprephrs	0	0 hrs	4	2	0	0	25	0	188	1	16.4	18.9 **	-.27	17.6	-.13	18.1 *	-.18	
	(Recoded version of tmpprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	25	13	16	6	462	9	2,340	9								
	8	6-10 hrs	31	16	39	14	883	17	4,230	16									
	13	11-15 hrs	37	19	50	17	928	18	4,458	17									
	18	16-20 hrs	33	17	65	23	979	19	4,831	18									
	23	21-25 hrs	20	10	45	16	721	14	3,508	13									
	28	26-30 hrs	22	11	30	10	444	9	2,301	9									
	33	More than 30 hrs	21	11	41	14	714	14	4,417	17									
	Total		193	100	286	100	5,156	100	26,273	100									
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	42	22	45	16	1,159	22	8,054	31	7.2	8.8 *	-.20	7.5	-.04	6.1 *	.15	
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	69	36	74	26	1,633	32	8,546	33								
	8	6-10 hrs	31	16	74	26	983	19	4,279	16									
	13	11-15 hrs	19	10	43	15	582	11	2,381	9									
	18	16-20 hrs	18	9	21	7	372	7	1,415	5									
	23	21-25 hrs	6	3	10	4	204	4	743	3									
	28	26-30 hrs	2	1	7	2	76	1	309	1									
	33	More than 30 hrs	5	3	10	4	145	3	522	2									
	Total		192	100	284	100	5,154	100	26,249	100									
c. Working for pay on campus	tmworkonhrs	0	0 hrs	132	69	123	43	2,891	56	18,235	69	3.6	5.4 **	-.29	4.5 *	-.15	3.6	-.01	
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	17	9	35	12	548	11	1,539	6								
	8	6-10 hrs	17	9	66	23	799	15	2,450	9									
	13	11-15 hrs	9	5	41	14	471	9	1,751	7									
	18	16-20 hrs	9	5	17	6	321	6	1,453	6									
	23	21-25 hrs	4	2	3	1	70	1	454	2									
	28	26-30 hrs	1	1	0	0	27	1	151	1									
	33	More than 30 hrs	3	2	0	0	33	1	221	1									
	Total		192	100	285	100	5,160	100	26,254	100									

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

Seniors^a in FEA

Seniors ^a in FEA				Frequency Distributions								Statistical Comparisons ^k							
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your seniors compared with							
Item wording or description		Variable name ⁱ		Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Effect size ⁿ		Effect size ⁿ		Effect size ⁿ	
														Mean	Mean	Mean	Mean	Mean	Mean
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	133	69	227	80	3,321	64	15,185	58	3.4	2.8	.10	6.5 ***	-.29	7.8 ***	-.39	
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	19	10	11	4	255	5	1,283	5								
		8	6-10 hrs	17	9	15	5	288	6	1,556	6								
		13	11-15 hrs	11	6	10	4	302	6	1,736	7								
		18	16-20 hrs	4	2	12	4	289	6	2,048	8								
		23	21-25 hrs	4	2	3	1	165	3	1,370	5								
		28	26-30 hrs	1	1	3	1	108	2	827	3								
		33	More than 30 hrs	4	2	4	1	434	8	2,270	9								
			Total	193	100	285	100	5,162	100	26,275	100								
	Estimated number of hours working for pay	tmworkhrs	(Continuous variable created by NSSE)																
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	88	45	195	68	2,895	56	15,952	61								
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	66	34	72	25	1,749	34	7,366	28								
		8	6-10 hrs	16	8	11	4	277	5	1,389	5								
		13	11-15 hrs	10	5	4	1	122	2	713	3								
		18	16-20 hrs	5	3	2	1	58	1	395	2								
		23	21-25 hrs	7	4	2	1	30	1	231	1								
		28	26-30 hrs	0	0	0	0	9	0	68	0								
		33	More than 30 hrs	2	1	0	0	24	0	139	1								
			Total	194	100	286	100	5,164	100	26,253	100								
	f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	6	3	3	1	131	3	765	3							
(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)		3	1-5 hrs	42	22	36	13	1,133	22	5,866	22								
		8	6-10 hrs	58	30	84	29	1,530	30	7,493	29								
		13	11-15 hrs	37	19	69	24	1,078	21	5,265	20								
		18	16-20 hrs	20	10	47	16	644	12	3,391	13								
		23	21-25 hrs	11	6	27	9	276	5	1,439	5								
		28	26-30 hrs	5	3	5	2	106	2	605	2								
		33	More than 30 hrs	15	8	15	5	266	5	1,450	6								
			Total	194	100	286	100	5,164	100	26,274	100								
													12.0	13.2	-.15	11.5	.06	11.6	.04

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

Seniors^a in FEA

Seniors ^a in FEA				Frequency Distributions								Statistical Comparisons ^k								
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your seniors compared with								
Item wording or description		Variable name ⁱ	Values ^m	Response options		Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
g. Providing care for dependents (children, parents, etc.)	tmcarehrs (Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	101	52	256	90	4,106	80	19,811	76	4.2	1.0 *** ▲	.58	2.7 ** ▲	.19	3.2	.12		
		3	1-5 hrs	42	22	14	5	396	8	2,367	9									
		8	6-10 hrs	28	15	5	2	168	3	1,113	4									
		13	11-15 hrs	7	4	5	2	127	2	747	3									
		18	16-20 hrs	6	3	3	1	92	2	616	2									
		23	21-25 hrs	4	2	1	0	49	1	327	1									
		28	26-30 hrs	1	1	0	0	28	1	163	1									
		33	More than 30 hrs	4	2	2	1	193	4	1,079	4									
		Total	193	100	286	100	5,159	100	26,223	100										
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs (Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	13	7	112	39	1,548	30	4,019	15	8.8	3.2 *** ▲	1.01	3.7 *** ▲	1.02	5.5 *** ▲	.56		
		3	1-5 hrs	61	32	123	43	2,653	51	13,688	52									
		8	6-10 hrs	57	30	37	13	621	12	5,066	19									
		13	11-15 hrs	32	17	7	2	187	4	1,961	7									
		18	16-20 hrs	18	9	4	1	71	1	749	3									
		23	21-25 hrs	5	3	2	1	37	1	306	1									
		28	26-30 hrs	2	1	0	0	17	0	123	0									
		33	More than 30 hrs	4	2	1	0	39	1	384	1									
		Total	192	100	286	100	5,173	100	26,296	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	55	29	108	38	1,474	29	8,966	34	2.2	2.0 * ▲	.19	2.2	.00	2.1	.10		
		2	Some	76	40	104	36	2,051	40	9,926	38									
		3	About half	35	18	48	17	990	19	4,470	17									
		4	Most	22	11	19	7	466	9	2,099	8									
		5	Almost all	4	2	7	2	179	3	797	3									
		Total		192	100	286	100	5,160	100	26,258	100									
tmreadinghrs												5.4	5.3	.02	5.6	-.03	5.5	-.01		
(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																				

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

Seniors^a in FEA

Seniors ^a in FEA				Frequency Distributions								Statistical Comparisons ^k						
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your seniors compared with						
Item wording or description		Variable name ⁱ		Values ^m	Response options		Count	%	Count	%	Count	%	AUB	Selected Peers	Private Non Profit	NSSE 2017 & 2018	Effect size ⁿ	
													Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
	tmreadinghrscol (Collapsed version of tmreadinghrs created by NSSE.)	1	0 hrs	4	2	0	0	23	0	185	1							
		2	More than zero, up to 5 hrs	117	61	179	63	3,035	59	16,051	61							
		3	More than 5, up to 10 hrs	41	21	75	26	1,442	28	6,694	26							
		4	More than 10, up to 15 hrs	14	7	17	6	307	6	1,399	5							
		5	More than 15, up to 20 hrs	8	4	9	3	182	4	961	4							
		6	More than 20, up to 25 hrs	7	4	3	1	101	2	595	2							
		7	More than 25 hrs	0	0	3	1	49	1	294	1							
		Total		191	100	286	100	5,139	100	26,179	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	10	5	20	7	451	9	2,526	10	3.1	2.8 *** ▲	.38	2.8 *** ▲	.38	2.7 *** ▲	.42
		2	Some	34	18	84	29	1,484	29	7,847	30							
		3	Quite a bit	76	39	124	43	2,080	40	10,272	39							
		4	Very much	73	38	58	20	1,142	22	5,597	21							
		Total	193	100	286	100	5,157	100	26,242	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	9	5	17	6	461	9	2,836	11	3.1	2.9 ** ▲	.27	2.8 *** ▲	.33	2.7 *** ▲	.41
		2	Some	33	17	77	27	1,447	28	7,858	30							
		3	Quite a bit	83	43	122	43	1,994	39	9,750	37							
		4	Very much	68	35	70	24	1,260	24	5,849	22							
		Total	193	100	286	100	5,162	100	26,293	100								
c. Thinking critically and analytically	pgthink	1	Very little	7	4	3	1	98	2	693	3	3.3	3.4 * ▽	-.19	3.3	-.09	3.3	-.06
		2	Some	21	11	29	10	615	12	3,280	12							
		3	Quite a bit	79	41	103	36	1,949	38	9,631	37							
		4	Very much	85	44	151	53	2,506	48	12,683	48							
		Total	192	100	286	100	5,168	100	26,287	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	4	2	2	1	147	3	718	3	3.3	3.4 ** ▽	-.25	3.3	-.05	3.3	-.09
		2	Some	31	16	25	9	704	14	3,395	13							
		3	Quite a bit	70	36	106	37	1,803	35	8,810	34							
		4	Very much	87	45	153	53	2,512	49	13,371	51							
		Total	192	100	286	100	5,166	100	26,294	100								

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

Seniors^a in FEA

Seniors ^a in FEA				Frequency Distributions								Statistical Comparisons ^k										
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		Your seniors compared with										
Item wording or description		Variable name ⁱ		Values ^m	Response options		Count	%	Count	%	Count	%	Count	%	AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018	
															Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	27	14	18	6	315	6	2,146	8	2.8	3.0 *	-.22	3.0 ***	-.30	2.9 *	-.18				
		2	Some	46	24	68	24	1,119	22	6,292	24											
		3	Quite a bit	66	34	103	36	1,817	35	9,143	35											
		4	Very much	54	28	95	33	1,921	37	8,721	33											
		Total	193	100	284	100	5,172	100	26,302	100												
f. Working effectively with others	pgothers	1	Very little	12	6	3	1	167	3	1,056	4	3.0	3.3 **	-.31	3.1	-.11	3.1	-.06				
		2	Some	34	18	37	13	988	19	5,264	20											
		3	Quite a bit	84	44	127	45	2,142	41	10,772	41											
		4	Very much	61	32	116	41	1,871	36	9,189	35											
		Total	191	100	283	100	5,168	100	26,281	100												
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	22	11	29	10	582	11	3,705	14	2.9	2.7	.17	2.7 *	.18	2.7 ***	.24				
		2	Some	37	19	86	30	1,533	30	7,745	29											
		3	Quite a bit	74	38	104	36	1,796	35	8,857	34											
		4	Very much	60	31	66	23	1,249	24	5,975	23											
		Total	193	100	285	100	5,160	100	26,282	100												
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	12	6	36	13	801	16	4,467	17	3.1	2.6 ***	.57	2.5 ***	.58	2.5 ***	.58				
		2	Some	32	17	103	36	1,814	35	8,751	33											
		3	Quite a bit	74	38	93	33	1,543	30	7,844	30											
		4	Very much	75	39	53	19	1,007	19	5,207	20											
		Total	193	100	285	100	5,165	100	26,269	100												
i. Solving complex real-world problems	pgprobsolve	1	Very little	22	11	14	5	353	7	1,990	8	2.8	3.0 *	-.23	2.9	-.14	2.9 *	-.14				
		2	Some	47	24	64	22	1,264	24	6,267	24											
		3	Quite a bit	70	36	111	39	1,893	37	9,363	36											
		4	Very much	54	28	97	34	1,655	32	8,678	33											
		Total	193	100	286	100	5,165	100	26,298	100												
j. Being an informed and active citizen	pgcitizen	1	Very little	26	14	49	17	1,017	20	5,457	21	2.7	2.5 *	.23	2.4 ***	.31	2.4 ***	.32				
		2	Some	56	29	106	37	1,880	36	9,476	36											
		3	Quite a bit	61	32	79	28	1,468	28	7,194	27											
		4	Very much	49	26	51	18	789	15	4,088	16											
		Total	192	100	285	100	5,154	100	26,215	100												

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: FEA

American University of Beirut

Seniors^a in FEA

Seniors ^a in FEA				Frequency Distributions								Statistical Comparisons ^k							
				AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		AUB		Your seniors compared with					
		Selected Peers												Private Non Profit		NSSE 2017 & 2018			
Item wording or description	Variable name ⁱ	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	9	5	2	1	160	3	994	4	3.0	3.3 ***	-.37	3.2 ***	-.33	3.1 *	-.17	
		2	Fair	35	18	35	12	599	12	3,938	15								
		3	Good	100	52	137	48	2,232	43	12,322	47								
		4	Excellent	50	26	112	39	2,182	42	9,065	34								
		Total		194	100	286	100	5,173	100	26,319	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	13	7	6	2	297	6	1,437	5	3.2	3.2	.01	3.2	.02	3.1	.06	
		2	Probably no	22	11	44	15	682	13	3,816	14								
		3	Probably yes	79	41	136	47	2,138	41	11,377	43								
		4	Definitely yes	81	42	102	35	2,060	40	9,722	37								
		Total		195	100	288	100	5,177	100	26,352	100								

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: FEA

American University of Beirut

FEA

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	First-Year Students ^a								Seniors ^a							
			AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
21a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	125	80	314	87	4,365	84	19,690	88	181	93	255	89	4,472	86	23,679	90
		More than one	31	20	45	13	861	16	2,716	12	14	7	32	11	716	14	2,726	10
		Total	156	100	359	100	5,226	100	22,406	100	195	100	287	100	5,188	100	26,405	100
First major or expected first major, in NSSE's default related-major categories. (This does not reflect any customization made for the Major Field Report.)	MAJfirstcol (Recoded from MAJfirst.)	Arts & Humanities	0	0	1	0	16	0	50	0	0	0	0	0	16	0	51	0
		Biological Sci., Agriculture, & Natural Resources	1	1	1	0	18	0	67	0	1	1	0	0	8	0	78	0
		Physical Sci., Mathematics, & Computer Science	1	1	0	0	83	2	236	1	1	1	0	0	63	1	181	1
		Social Sciences	1	1	0	0	16	0	45	0	0	0	1	0	15	0	56	0
		Business	0	0	1	0	70	1	156	1	0	0	5	2	66	1	158	1
		Communications, Media, & Public Relations	0	0	6	2	26	0	89	0	0	0	2	1	19	0	102	0
		Education	0	0	0	0	6	0	14	0	0	0	0	0	1	0	15	0
		Engineering	154	98	342	95	4,347	83	19,923	89	198	99	274	95	4,460	86	23,881	90
		Health Professions	0	0	0	0	9	0	38	0	0	0	0	0	8	0	28	0
		Social Service Professions	0	0	0	0	13	0	247	1	0	0	0	0	18	0	278	1
		All Other	0	0	9	3	642	12	1,586	7	0	0	6	2	525	10	1,630	6
		Undecided, Undeclared	0	0	0	0	2	0	12	0	0	0	0	0	1	0	1	0
		Total	157	100	360	100	5,248	100	22,463	100	200	100	288	100	5,200	100	26,459	100
Second major or expected second major, in NSSE's default related-major categories. (This does not reflect any customization made for the Major Field Report.)	MAJsecondcol (Recoded from MAJsecond.)	Arts & Humanities	1	3	4	9	46	5	161	6	0	0	3	9	32	4	127	5
		Biological Sci., Agriculture, & Natural Resources	0	0	2	4	23	3	95	4	0	0	0	0	18	3	88	3
		Physical Sci., Mathematics, & Computer Science	11	37	6	13	147	17	455	17	5	38	0	0	93	13	522	19
		Social Sciences	5	17	5	11	28	3	78	3	1	8	0	0	20	3	84	3
		Business	4	13	6	13	100	12	328	12	0	0	7	22	86	12	231	9
		Communications, Media, & Public Relations	0	0	1	2	9	1	25	1	0	0	0	0	4	1	27	1
		Education	0	0	0	0	1	0	21	1	0	0	0	0	4	1	22	1
		Engineering	6	20	18	40	341	40	1,098	41	3	23	15	47	318	45	1,139	42
		Health Professions	0	0	1	2	17	2	46	2	0	0	1	3	9	1	41	2
		Social Service Professions	0	0	0	0	14	2	58	2	1	8	0	0	14	2	76	3
		All Other	0	0	0	0	104	12	245	9	0	0	3	9	94	13	260	10
		Undecided, Undeclared	3	10	2	4	28	3	91	3	3	23	3	9	22	3	90	3
		Total	30	100	45	100	858	100	2,701	100	13	100	32	100	714	100	2,707	100

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: FEA

American University of Beirut

FEA

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	First-Year Students ^a								Seniors ^a							
			AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
22. What is your class level?	class	Freshman/First-year	15	10	345	97	4,786	92	20,230	91	0	0	0	0	5	0	64	0
		Sophomore	120	78	9	3	347	7	1,675	8	1	1	0	0	62	1	361	1
		Junior	17	11	2	1	37	1	230	1	33	17	18	6	529	10	3,218	12
		Senior	0	0	0	0	8	0	51	0	157	81	266	93	4,475	87	21,176	81
		Unclassified	1	1	1	0	24	0	94	0	3	2	1	0	90	2	1,456	6
		Total	153	100	357	100	5,202	100	22,280	100	194	100	285	100	5,161	100	26,275	100
23. Thinking about this current academic term, are you a full-time student?	fulltime	No	5	3	5	1	115	2	729	3	4	2	20	7	579	11	3,919	15
		Yes	146	97	351	99	5,060	98	21,432	97	191	98	263	93	4,556	89	22,213	85
		Total	151	100	356	100	5,175	100	22,161	100	195	100	283	100	5,135	100	26,132	100
24a. How many courses are you taking for credit this current academic term?	coursenum	0	1	1	0	0	15	0	147	1	2	1	2	1	172	3	767	3
		1	0	0	2	1	42	1	278	1	3	2	3	1	170	3	893	3
		2	0	0	5	1	55	1	240	1	1	1	7	2	257	5	1,370	5
		3	0	0	10	3	131	3	740	3	5	3	44	15	456	9	2,416	9
		4	14	9	101	28	1,175	23	4,957	22	25	13	101	36	1,384	27	7,005	27
		5	96	63	151	42	2,086	40	8,617	39	80	41	86	30	1,562	30	7,794	30
		6	35	23	66	18	1,100	21	4,847	22	69	36	25	9	721	14	3,773	14
		7 or more	6	4	23	6	604	12	2,461	11	9	5	16	6	436	8	2,256	9
		Total	152	100	358	100	5,208	100	22,287	100	194	100	284	100	5,158	100	26,274	100
b. Of these, how many are entirely online?	onlinenum	0	134	89	347	97	4,736	91	19,348	87	178	93	275	98	4,227	82	21,130	81
		1	3	2	5	1	267	5	2,045	9	4	2	3	1	567	11	3,498	13
		2	6	4	3	1	80	2	382	2	2	1	0	0	187	4	825	3
		3	1	1	1	0	36	1	145	1	1	1	1	0	61	1	313	1
		4	4	3	0	0	29	1	99	0	3	2	1	0	38	1	188	1
		5	3	2	0	0	13	0	59	0	0	0	0	0	12	0	64	0
		6	0	0	0	0	12	0	41	0	2	1	0	0	13	0	45	0
		7 or more	0	0	0	0	14	0	37	0	1	1	1	0	24	0	78	0
		Total	151	100	356	100	5,187	100	22,156	100	191	100	281	100	5,129	100	26,141	100
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum.)	onlinecrscol	No courses taken online	134	89	347	97	4,736	91	19,348	87	178	93	275	98	4,227	82	21,130	81
		Some courses taken online	14	9	3	1	295	6	2,268	10	8	4	4	1	617	12	4,024	15
		All courses taken online	3	2	6	2	156	3	540	2	5	3	2	1	285	6	987	4
		Total	151	100	356	100	5,187	100	22,156	100	191	100	281	100	5,129	100	26,141	100

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: FEA

American University of Beirut

FEA

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	First-Year Students ^a								Seniors ^a							
			AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
25. What have most of your grades been up to now at this institution?	grades	C- or lower	1	1	0	0	58	1	473	2	3	2	2	1	14	0	140	1
		C	7	5	5	1	120	2	743	3	5	3	5	2	75	1	725	3
		C+	17	11	10	3	204	4	1,219	5	7	4	8	3	193	4	1,484	6
		B-	14	9	23	6	342	7	1,772	8	22	11	19	7	328	6	2,406	9
		B	26	17	72	20	905	17	4,249	19	51	27	59	21	1,000	19	5,593	21
		B+	39	26	75	21	945	18	4,043	18	48	25	71	25	1,010	20	5,110	19
		A-	26	17	85	24	1,145	22	4,326	19	27	14	76	27	1,160	23	4,817	18
		A	21	14	87	24	1,475	28	5,403	24	29	15	44	15	1,363	27	5,932	23
		Total	151	100	357	100	5,194	100	22,228	100	192	100	284	100	5,143	100	26,207	100
26. Did you begin college at this institution or elsewhere?	begincol	Started here	148	98	351	98	4,864	94	20,716	93	184	96	266	94	4,055	79	17,654	67
		Started elsewhere	3	2	6	2	331	6	1,508	7	7	4	16	6	1,089	21	8,535	33
		Total	151	100	357	100	5,195	100	22,224	100	191	100	282	100	5,144	100	26,189	100
27. Since graduating from high school, which of the following types of schools have you attended <i>other than</i> the one you are now attending? (Select all that apply.)	attend_voc	Vocational or technical school	6	4	6	2	124	2	394	2	3	2	1	0	246	5	1,158	6
	attend_com	Community or junior college	4	3	12	3	309	6	1,175	7	1	1	11	4	974	19	7,312	35
	attend_col	4-year college or university other than this one	5	3	16	5	368	7	1,225	8	16	8	37	13	896	17	4,705	23
	attend_none	None	123	81	312	88	4,309	83	13,240	81	158	84	234	82	3,338	65	9,985	48
	attend_other	Other	13	9	12	3	174	3	566	3	11	6	3	1	188	4	753	4
28. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	5	3	7	2	266	5	1,182	5	4	2	3	1	179	3	1,296	5
		Bachelor's degree (B.A., B.S., etc.)	11	7	89	25	1,638	32	7,992	36	30	16	72	25	1,633	32	10,136	39
		Master's degree (M.A., M.S., etc.)	66	43	168	47	2,399	46	9,697	44	92	48	150	53	2,565	50	11,363	43
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	70	46	92	26	882	17	3,296	15	64	34	58	20	771	15	3,405	13
		Total	152	100	356	100	5,185	100	22,167	100	190	100	283	100	5,148	100	26,200	100

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: FEA

American University of Beirut

FEA
First-Year Students^a
Seniors^a

Item wording or description	Variable name	Response options	NSSE 2017 &								NSSE 2017 &							
			AUB		Selected Peers		Private Non Profit		2018		AUB		Selected Peers		Private Non Profit		2018	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
29. What is the highest level of education completed by either of your parents (or those who raised you)?	parented	Did not finish high school	9	6	14	4	139	3	714	4	9	5	7	2	126	2	1,003	5
		High school diploma or G.E.D.	11	7	40	11	584	11	2,086	13	11	6	30	11	581	11	2,924	14
		Attended college, but did not complete degree	10	7	22	6	371	7	1,323	8	12	6	5	2	317	6	1,656	8
		Associate's degree (A.A., A.S., etc.)	2	1	20	6	376	7	1,238	8	4	2	9	3	404	8	1,853	9
		Bachelor's degree (B.A., B.S., etc.)	48	32	116	33	1,642	32	5,274	33	90	48	87	31	1,761	34	6,818	33
		Master's degree (M.A., M.S., etc.)	41	27	86	24	1,458	28	4,180	26	35	19	97	34	1,385	27	4,772	23
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	30	20	56	16	590	11	1,412	9	27	14	49	17	550	11	1,769	9
		Total	151	100	354	100	5,160	100	16,227	100	188	100	284	100	5,124	100	20,795	100
First-generation status (Neither parent holds a bachelor's degree.)	firstgen (Recoded from parented.)	Not first-generation	119	79	258	73	3,690	72	14,939	68	152	81	233	82	3,696	72	16,930	65
		First-generation	32	21	96	27	1,470	28	7,144	32	36	19	51	18	1,428	28	9,173	35
		Total	151	100	354	100	5,160	100	22,083	100	188	100	284	100	5,124	100	26,103	100
30. What is your gender identity?	genderid	Man	89	59	184	52	3,354	65	14,930	67	118	62	146	51	3,415	66	17,999	69
		Woman	61	40	165	46	1,734	33	6,728	30	66	35	132	46	1,604	31	7,395	28
		Another gender identity	0	0	3	1	43	1	242	1	2	1	3	1	53	1	343	1
		I prefer not to respond	1	1	3	1	52	1	272	1	3	2	3	1	72	1	451	2
		Total	151	100	355	100	5,183	100	22,172	100	189	100	284	100	5,144	100	26,188	100
31. Enter your year of birth (e.g., 1994):	agecat (Recoded from the information entered in birthyear.)	19 or younger	146	97	343	97	4,553	88	19,260	88	6	3	2	1	20	0	172	1
		20-23	4	3	8	2	429	8	1,992	9	184	96	277	98	4,135	81	18,642	72
		24-29	0	0	0	0	76	1	425	2	1	1	2	1	517	10	4,599	18
		30-39	0	0	1	0	65	1	226	1	0	0	1	0	254	5	1,869	7
		40-55	0	0	3	1	28	1	84	0	0	0	2	1	153	3	600	2
		Over 55	0	0	0	0	1	0	5	0	0	0	0	0	12	0	59	0
		Total	150	100	355	100	5,152	100	21,992	100	191	100	284	100	5,091	100	25,941	100
32a. Are you an international student?	internat	No	136	90	285	81	4,636	90	14,974	92	185	97	250	89	4,701	92	19,394	93
		Yes	15	10	67	19	534	10	1,261	8	6	3	31	11	418	8	1,396	7
		Total	151	100	352	100	5,170	100	16,235	100	191	100	281	100	5,119	100	20,790	100
[If answered "yes"] Country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file.	countrycol (Recoded from country.)	Africa Sub-Saharan	1	8	7	12	49	10	100	9	0	0	3	10	26	7	91	7
		Asia	0	0	30	53	168	35	481	42	0	0	19	63	144	37	490	38
		Canada	1	8	0	0	12	2	23	2	1	20	0	0	14	4	33	3
		Europe	1	8	9	16	82	17	125	11	0	0	3	10	50	13	111	9
		Latin America and Caribbean	1	8	5	9	115	24	230	20	0	0	3	10	52	13	211	16
		Middle East and North Africa	9	69	6	11	55	11	190	16	4	80	1	3	96	25	355	27
		Oceania	0	0	0	0	4	1	10	1	0	0	1	3	4	1	13	1
		Unknown region/uncoded	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	13	100	57	100	485	100	1,159	100	5	100	30	100	386	100	1,304	100

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: FEA

American University of Beirut

FEA

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	NSSE 2017 &								NSSE 2017 &							
			AUB		Selected Peers		Private Non Profit		2018		AUB		Selected Peers		Private Non Profit		2018	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
33. What is your racial or ethnic identification? (Select all that apply.)	re_amind	American Indian or Alaska Native	0	0	5	1	80	2	287	2	0	0	1	0	53	1	312	2
	re_asian	Asian	18	12	100	28	659	13	2,119	13	11	6	79	28	617	12	2,608	13
	re_black	Black or African American	2	1	65	18	509	10	1,552	10	0	0	14	5	268	5	1,280	6
	re_latino	Hispanic or Latino	3	2	48	14	571	11	2,291	14	2	1	34	12	392	8	2,450	12
	re_pacific	Native Hawaiian or Other Pacific Islander	1	1	1	0	51	1	193	1	1	1	3	1	51	1	212	1
	re_white	White	81	54	160	45	3,530	69	10,594	65	97	52	172	62	3,793	74	14,113	68
	re_other	Other	29	19	16	5	137	3	428	3	48	26	4	1	140	3	624	3
	re_pnr	I prefer not to respond	27	18	7	2	148	3	474	3	34	18	3	1	203	4	978	5
	re_all	American Indian or Alaska Native	0	0	0	0	8	0	44	0	0	0	0	0	7	0	54	0
	(Recoded from re_amind to re_pnr where each student is represented only once.)	Asian	10	7	86	24	534	10	1,716	11	8	4	68	24	486	10	2,111	10
34. Are you a member of a social fraternity or sorority?	re_black	Black or African American	2	1	55	16	406	8	1,240	8	0	0	10	4	209	4	1,018	5
	re_latino	Hispanic or Latino	3	2	26	7	341	7	1,570	10	1	1	17	6	242	5	1,758	8
	re_pacific	Native Hawaiian/Other Pac. Islander	0	0	1	0	15	0	51	0	1	1	1	0	6	0	50	0
	re_white	White	72	48	125	36	3,134	61	9,349	58	93	50	153	55	3,492	68	12,817	62
	re_other	Other	27	18	8	2	78	2	258	2	45	24	2	1	99	2	421	2
	Multiracial	Multiracial	10	7	44	13	480	9	1,492	9	5	3	25	9	357	7	1,535	7
	I prefer not to respond	I prefer not to respond	27	18	7	2	148	3	474	3	34	18	3	1	203	4	978	5
	Total		151	100	352	100	5,144	100	16,194	100	187	100	279	100	5,101	100	20,742	100
	greek	No	142	96	333	94	4,651	90	20,599	93	179	95	209	74	4,224	82	23,503	90
	greek	Yes	6	4	22	6	521	10	1,514	7	10	5	75	26	908	18	2,622	10
35. Which of the following best describes where you are living while attending college? (Revised for 2018. Data from 2017 & 2018 merged as appropriate. Labels shown are 2018 unless otherwise noted.)	living18	Campus housing (other than a fraternity or sorority house)	16	11	339	95	4,152	81	13,591	62	14	7	118	42	1,466	29	3,836	15
	living18	Fraternity or sorority house	1	1	1	0	54	1	167	1	0	0	10	4	234	5	502	2
	living18	House, apartment, or other residence within walking distance to campus	36	24	5	1	268	5	2,293	10	47	25	135	48	1,768	35	8,211	32
	living18	House, apartment, or other residence farther than walk. dist. to campus	96	64	4	1	536	10	5,166	23	123	65	19	7	1,454	28	12,292	47
	living18	None of the above (2017 only)	0	0	0	0	87	2	681	3	0	0	0	0	147	3	929	4
	living18	Not applicable: No campus, entirely online program, etc. (2018 only)	0	0	5	1	41	1	89	0	1	1	2	1	36	1	222	1
	living18	Not applicable: Homeless or in transition (2018 only)	2	1	1	0	5	0	20	0	4	2	0	0	9	0	43	0
	Total		151	100	355	100	5,143	100	22,007	100	189	100	284	100	5,114	100	26,035	100
	athlete	No	138	91	329	93	4,173	81	19,975	91	177	94	252	89	4,404	86	24,426	94
	athlete	Yes	13	9	26	7	1,004	19	2,080	9	12	6	31	11	726	14	1,627	6
36. Are you a student-athlete on a team sponsored by your institution's athletics department?	Total		151	100	355	100	5,177	100	22,055	100	189	100	283	100	5,130	100	26,053	100

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: FEA

American University of Beirut

FEA

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	First-Year Students ^a								Seniors ^a							
			AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018		AUB		Selected Peers		Private Non Profit		NSSE 2017 & 2018	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
37. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	150	99	351	99	5,071	98	15,555	96	186	99	284	100	4,787	93	19,226	93
		Yes	1	1	4	1	96	2	658	4	2	1	0	0	337	7	1,530	7
		Total	151	100	355	100	5,167	100	16,213	100	188	100	284	100	5,124	100	20,756	100
38a. Have you been diagnosed with any disability or impairment?	disability	No	136	90	324	91	4,468	87	19,391	88	174	93	257	91	4,442	87	22,790	87
		Yes	5	3	20	6	510	10	1,913	9	7	4	18	6	530	10	2,463	9
		I prefer not to respond	10	7	11	3	185	4	781	4	6	3	8	3	154	3	843	3
		Total	151	100	355	100	5,163	100	22,085	100	187	100	283	100	5,126	100	26,096	100
b. [If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense	A sensory impairment (vision or hearing)	1	20	3	16	103	20	362	19	1	14	3	17	72	14	319	13
	dis_mobility	A mobility impairment	2	40	1	5	28	6	118	6	0	0	3	17	46	9	193	8
	dis_learning	A learning disability (e.g., ADHD, dyslexia)	1	20	6	32	243	48	917	48	3	43	7	39	238	45	1,178	48
	dis_mental	A mental health disorder	1	20	7	37	149	30	561	30	1	14	5	28	176	33	783	32
	dis_other	A disability or impairment not listed above	0	0	5	26	96	19	329	17	2	29	1	6	99	19	480	20
Disability or impairment	disability_all	A sensory impairment	1	1	2	1	66	1	253	1	1	1	3	1	38	1	198	1
	(Recoded from disability and dis_sense to dis_other where each student is represented only once.)	A mobility impairment	2	1	0	0	14	0	72	0	0	0	3	1	25	0	95	0
		A learning disability	1	1	5	1	176	3	677	3	3	2	6	2	183	4	896	3
		A mental health disorder	1	1	5	1	87	2	346	2	1	1	4	1	116	2	512	2
		A disability or impairment not listed	0	0	4	1	62	1	224	1	2	1	1	0	78	2	340	1
		More than one disability or impairment	0	0	3	1	99	2	319	1	0	0	1	0	88	2	405	2
		No disability or impairment	136	90	324	92	4,468	87	19,391	88	174	93	257	91	4,442	87	22,790	87
		Prefer not to respond	10	7	11	3	185	4	781	4	6	3	8	3	154	3	843	3
		Total	151	100	354	100	5,157	100	22,063	100	187	100	283	100	5,124	100	26,079	100
39. Which of the following best describes your sexual orientation?	sexorient17	Straight (heterosexual)	136	91	295	83	4,538	88	19,598	89	164	88	254	89	4,564	89	23,191	89
		Bisexual	1	1	24	7	187	4	750	3	2	1	12	4	166	3	738	3
		Gay	2	1	1	0	57	1	229	1	1	1	8	3	66	1	325	1
		Lesbian	0	0	2	1	33	1	120	1	0	0	3	1	38	1	169	1
		Queer	0	0	3	1	29	1	84	0	0	0	0	0	17	0	82	0
		Questioning or unsure	1	1	11	3	84	2	284	1	3	2	2	1	42	1	189	1
		Another sexual orientation	0	0	8	2	77	1	288	1	3	2	2	1	62	1	347	1
		I prefer not to respond	10	7	10	3	165	3	734	3	14	7	3	1	176	3	1,056	4
		Total	150	100	354	100	5,170	100	22,087	100	187	100	284	100	5,131	100	26,097	100

NSSE 2018 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: FEA

American University of Beirut

FEA

First-Year Students^a

Seniors^a

Item wording or description	Variable name	Response options	NSSE 2017 & 2018								NSSE 2017 & 2018							
			AUB		Selected Peers		Private Non Profit		2018		AUB		Selected Peers		Private Non Profit		2018	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Institution-reported information (Variables provided by your institution in your NSSE population file.)																		
Institution-reported: Sex	IRsex	Female	64	41	171	47	1,780	34	6,924	31	68	34	135	47	1,648	32	7,579	29
		Male	94	59	190	53	3,468	66	15,537	69	132	66	153	53	3,553	68	18,883	71
		Total	158	100	361	100	5,248	100	22,461	100	200	100	288	100	5,201	100	26,462	100
Institution-reported: Race or ethnicity	IRrace	American Indian or Alaska Native	0	0	0	0	11	0	44	0	0	0	0	0	11	0	63	0
		Asian	0	0	48	18	340	7	1,145	8	0	0	33	20	289	6	1,494	8
		Black or African American	0	0	46	18	344	7	1,068	7	0	0	10	6	177	4	832	5
		Hispanic or Latino	0	0	37	14	438	9	1,787	12	0	0	20	12	287	6	1,922	11
		Native Hawaiian/Other Pac. Islander	0	0	0	0	12	0	28	0	0	0	0	0	8	0	29	0
		White	0	0	56	22	2,887	61	8,363	58	0	0	63	39	3,095	68	11,589	64
		Other	0	0	0	0	1	0	6	0	0	0	0	0	0	0	4	0
		Foreign or nonresident alien	0	0	57	22	382	8	952	7	0	0	21	13	325	7	1,126	6
		Two or more races/ethnicities	0	0	9	3	154	3	499	3	0	0	7	4	139	3	581	3
		Unknown	0	0	7	3	185	4	460	3	0	0	7	4	192	4	576	3
		Total	0	0	260	100	4,754	100	14,352	100	0	0	161	100	4,523	100	18,216	100
Institution-reported: Class level	IRclass	Freshman/First-Year	158	100	361	100	5,249	100	22,465	100	0	0	0	0	0	0	0	0
		Sophomore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Junior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Senior	0	0	0	0	0	0	0	0	200	100	288	100	5,201	100	26,462	100
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	158	100	361	100	5,249	100	22,465	100	200	100	288	100	5,201	100	26,462	100
Institution-reported: First-time first-year (FTFY) student	IRftfy	Not first-time first-year	0	0	6	2	370	7	2,285	10	200	100	288	100	5,150	99	26,236	99
		First-time first-year	158	100	355	98	4,879	93	20,180	90	0	0	0	0	51	1	226	1
		Total	158	100	361	100	5,249	100	22,465	100	200	100	288	100	5,201	100	26,462	100
Institution-reported: Enrollment status	IREnrollment	Not full-time	0	0	3	1	139	3	667	3	5	3	4	1	488	9	3,969	15
		Full-time	158	100	358	99	5,110	97	21,798	97	195	98	284	99	4,713	91	22,493	85
		Total	158	100	361	100	5,249	100	22,465	100	200	100	288	100	5,201	100	26,462	100

Endnotes

- a. All results are unweighted.
- b. Standard deviation is a measure of the amount the individual scores deviate from the mean of all the scores in the distribution.
- c. Standard error of the mean, used to compute a confidence interval (CI) around the sample mean. For example, the 95% CI is the range of values that is 95% likely to contain the true population mean, equal to the sample mean $\pm 1.96 \times \text{SEM}$.
- d. A percentile is the point in the distribution of student-level EI scores at or below which a given percentage of EI scores fall.
- e. Degrees of freedom used to compute the t -tests. Values differ from N s due to whether equal variances were assumed.
- f. Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance: $*p < .05$, $**p < .01$, $***p < .001$ (2-tailed).
- g. Cohen's d : The mean difference divided by the pooled standard deviation. Effect size indicates the practical importance of an observed difference. For EI comparisons, NSSE research has concluded that an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015). Comparisons with an effect size of at least .3 in magnitude (before rounding) are highlighted in the Overview.
- h. Percentage of students who responded "Done or in progress" except for service-learning which is the percentage who responded that at least "Some" courses included a community-based project.
- i. Percentage point differences (institution – comp. group) rounded to whole numbers. Values less than one may not display a bar and may be shown as +0 or -0.
 $*p < .05$, $**p < .01$, $***p < .001$ (z-test comparing participation rates).
- j. Cohen's h : The standardized difference between two proportions. Effect size indicates the practical importance of an observed difference. NSSE research has found that interpretations vary by HIP: For service-learning, internships, study abroad, and culminating senior experiences, an effect size of about .2 may be considered small, .5 medium, and .8 large. For learning community and research with faculty, an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015).
- k. 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.
- l. Items that 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 and Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- m. 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.
- n. Effect size for independent t -tests uses Cohen's d ; z -tests use Cohen's h .
- o. Statistical comparison uses z -test to compare the percentage who responded "Done or in progress."

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.

Reference: Rocconi, L., & Gonyea, R. M. (2015). Contextualizing student engagement effect sizes: An empirical analysis. Paper presented at the Association for Institutional Research Annual Forum, Denver, CO.