
NSSE 2016 Topical Module Report

First-Year Experiences and Senior Transitions

American University of Beirut

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About This Topical Module

This module includes a set of items only for first-year students and a set only for seniors, with questions adapted from the Beginning College Survey of Student Engagement and the Strategic National Arts Alumni Project, respectively. The first-year items focus on academic perseverance, help-seeking behaviors, and institutional commitment, while the senior items explore post-graduation plans, links between the academic major and future plans, and confidence with skills developed during college.

Comparison Group

This section summarizes how this module's comparison group was identified, including selection criteria and whether the default option was taken. This is followed by the resulting list of institutions represented in the 'AUB Compared to All' column of this report.

Group label	AUB Compared to All
Date submitted	5/20/16
How was this comparison group constructed?	Your institution retained the default comparison group (all module participants).
Group description	Default comparison group

AUB Compared to All (N=238)

Alfred University (Alfred, NY)*	College of Charleston (Charleston, SC)
Augusta University (Augusta, GA)	College of New Jersey, The (Ewing, NJ)*
Ave Maria University (Ave Maria, FL)*	College of Our Lady of the Elms (Chicopee, MA)
Averett University (Danville, VA)	College of Saint Benedict and Saint John's University, The (Saint Joseph, MN)
Avila University (Kansas City, MO)	College of Saint Mary (Omaha, NE)*
Azusa Pacific University (Azusa, CA)	College of Saint Rose, The (Albany, NY)*
Barton College (Wilson, NC)	Colorado College (Colorado Springs, CO)*
Berklee College of Music (Boston, MA)*	Columbus College of Art and Design (Columbus, OH)
Bethany College (Lindsborg, KS)*	Concord University (Athens, WV)
Birmingham-Southern College (Birmingham, AL)	Concordia College-New York (Bronxville, NY)*
Bishop's University (Sherbrooke, QC)*	Concordia University of Edmonton (Edmonton, AB)*
Brandon University (Brandon, MB)*	Converse College (Spartanburg, SC)
Brescia University College (London, ON)	Coppin State University (Baltimore, MD)
Bridgewater College (Bridgewater, VA)	Cornell College (Mount Vernon, IA)*
Buena Vista University (Storm Lake, IA)	Cumberland University (Lebanon, TN)
Burman University (Lacombe, AB)	CUNY Hunter College (New York, NY)
California State University-Channel Islands (Camarillo, CA)	CUNY John Jay College of Criminal Justice (New York, NY)*
California State University-Chico (Chico, CA)	CUNY New York City College of Technology (Brooklyn, NY)*
California State University, East Bay (Hayward, CA)	Daemen College (Amherst, NY)*
Cameron University (Lawton, OK)	Defiance College (Defiance, OH)
Campbell University Inc. (Buies Creek, NC)*	Dixie State University (Saint George, UT)
Campbellsville University (Campbellsville, KY)	Drake University (Des Moines, IA)
Canadian Mennonite University (Winnipeg, MB)	East Central University (Ada, OK)*
Capital University (Columbus, OH)	Eckerd College (Saint Petersburg, FL)*
Carson-Newman University (Jefferson City, TN)*	Emory and Henry College (Emory, VA)*
Carthage College (Kenosha, WI)*	Evergreen State College, The (Olympia, WA)
Centenary College of Louisiana (Shreveport, LA)	Faulkner University (Montgomery, AL)
Central College (Pella, IA)	Ferrum College (Ferrum, VA)*
Charleston Southern University (Charleston, SC)*	Finlandia University (Hancock, MI)
Citadel, The Military College of South Carolina, The (Charleston, SC)	Flagler College (Saint Augustine, FL)*

AUB Compared to All (N=238), continued

Florida Institute of Technology (Melbourne, FL)	Moravian College (Bethlehem, PA)
Florida Polytechnic University (Lakeland, FL)*	Morehead State University (Morehead, KY)*
Framingham State University (Framingham, MA)	Morgan State University (Baltimore, MD)*
Francis Marion University (Florence, SC)	Mount St. Joseph University (Cincinnati, OH)*
Franklin College (Franklin, IN)*	New Mexico Highlands University (Las Vegas, NM)
Franklin Pierce University (Rindge, NH)	New School, The (New York, NY)
Freed-Hardeman University (Henderson, TN)	Newman University (Wichita, KS)
Georgian Court University (Lakewood, NJ)*	Norfolk State University (Norfolk, VA)
Gordon College (Wenham, MA)	Northern State University (Aberdeen, SD)
Grand Canyon University (Phoenix, AZ)	Northwest Nazarene University (Nampa, ID)*
Guilford College (Greensboro, NC)	Northwestern College (Orange City, IA)
Hampshire College (Amherst, MA)	Norwich University (Northfield, VT)
Hanover College (Hanover, IN)	Ohio Dominican University (Columbus, OH)
Hartwick College (Oneonta, NY)	Oklahoma City University (Oklahoma City, OK)*
Harvey Mudd College (Claremont, CA)	Oregon State University (Corvallis, OR)
Hiram College (Hiram, OH)*	Otis College of Art and Design (Los Angeles, CA)*
Hood College (Frederick, MD)*	Pace University (New York, NY)
Hope International University (Fullerton, CA)*	Pennsylvania College of Technology (Williamsport, PA)*
Houston Baptist University (Houston, TX)*	Peru State College (Peru, NE)
Huron University College (London, ON)*	Pfeiffer University (Misenheimer, NC)
Idaho State University (Pocatello, ID)	Plymouth State University (Plymouth, NH)*
Illinois Institute of Technology (Chicago, IL)	Prairie View A&M University (Prairie View, TX)*
Indiana University Bloomington (Bloomington, IN)*	Presentation College (Aberdeen, SD)*
Iona College (New Rochelle, NY)	Regent University (Virginia Beach, VA)
Ithaca College (Ithaca, NY)	Regis University (Denver, CO)
Jarvis Christian College (Hawkins, TX)	Roanoke College (Salem, VA)*
Johnson & Wales University (Providence, RI)	Rochester Institute of Technology (Rochester, NY)*
Johnson & Wales University-Charlotte (Charlotte, NC)	Roosevelt University (Chicago, IL)*
Johnson & Wales University-Denver (Denver, CO)	Rose-Hulman Institute of Technology (Terre Haute, IN)*
Johnson & Wales University-North Miami (North Miami, FL)	Rutgers University-Camden (Camden, NJ)*
Judson University (Elgin, IL)	Rutgers University-New Brunswick/Piscataway (New Brunswick, NJ)*
Kansas State University (Manhattan, KS)	Rutgers University-Newark (Newark, NJ)*
Kaplan University (Davenport, IA)*	Sage Colleges, The (Troy, NY)
Kean University (Union, NJ)*	Saint Francis University (Loretto, PA)*
Kennesaw State University (Kennesaw, GA)	Saint Joseph's College (Rensselaer, IN)
Keystone College (La Plume, PA)	Saint Peter's University (Jersey City, NJ)
Kwantlen Polytechnic University (Surrey, BC)	Salem College (Winston Salem, NC)*
La Sierra University (Riverside, CA)*	Scripps College (Claremont, CA)
Lander University (Greenwood, SC)	Seton Hall University (South Orange, NJ)
Lane College (Jackson, TN)	Siena College (Loudonville, NY)*
Lenoir-Rhyne University (Hickory, NC)	Southeast Missouri State University (Cape Girardeau, MO)*
Lesley University (Cambridge, MA)*	Southeastern Louisiana University (Hammond, LA)
Lewis & Clark College (Portland, OR)	Southern University at New Orleans (New Orleans, LA)
Lincoln University (Jefferson City, MO)*	Southern Virginia University (Buena Vista, VA)*
Louisiana State University at Alexandria (Alexandria, LA)	Southwestern Oklahoma State University (Weatherford, OK)
Maranatha Baptist University (Watertown, WI)*	Spelman College (Atlanta, GA)
Marian University (Fond Du Lac, WI)*	Spring Hill College (Mobile, AL)
Mars Hill University (Mars Hill, NC)*	St. Cloud State University (St Cloud, MN)*
Marymount California University (Rancho Palos Verdes, CA)	St. Francis College (Brooklyn Heights, NY)
Marymount Manhattan College (New York, NY)*	St. Mary's College of Maryland (Saint Mary's City, MD)
Mayville State University (Mayville, ND)*	Texas A&M University - Texarkana (Texarkana, TX)
McMaster University (Hamilton, ON)*	Texas Christian University (Fort Worth, TX)
McMurry University (Abilene, TX)	Texas State University (San Marcos, TX)
McNeese State University (Lake Charles, LA)	Texas Wesleyan University (Fort Worth, TX)
Milwaukee School of Engineering (Milwaukee, WI)*	Thomas College (Waterville, ME)*
Minot State University (Minot, ND)*	Thomas More College (Crestview Hills, KY)
Missouri University of Science & Technology (Rolla, MO)	Touro College (New York, NY)
Monmouth College (Monmouth, IL)*	Trine University (Angola, IN)

*2015 participant

AUB Compared to All (N=238), continued

Truett McConnell University (Cleveland, GA)	Winthrop University (Rock Hill, SC)
Union College (NE) (Lincoln, NE)*	Wisconsin Lutheran College (Milwaukee, WI)*
University of Advancing Technology (Tempe, AZ)	Wittenberg University (Springfield, OH)
University of Akron (Akron, OH)*	Youngstown State University (Youngstown, OH)
University of Alabama at Birmingham (Birmingham, AL)	
University of Alabama in Huntsville (Huntsville, AL)	
University of Charleston (Charleston, WV)	
University of Colorado Denver (Denver, CO)	
University of Dallas (Irving, TX)	
University of Hartford (West Hartford, CT)*	
University of Hawai'i-West O'ahu (Kapolei, HI)	
University of Illinois at Chicago (Chicago, IL)*	
University of La Verne (La Verne, CA)*	
University of Mary Washington (Fredericksburg, VA)	
University of Michigan-Flint (Flint, MI)	
University of Minnesota Duluth (Duluth, MN)	
University of Montana (Missoula, MT)	
University of Montana-Western, The (Dillon, MT)*	
University of Mount Olive (Mount Olive, NC)*	
University of New Brunswick (Fredericton, NB)	
University of New England (Biddeford, ME)	
University of North Dakota (Grand Forks, ND)*	
University of North Texas at Dallas (Dallas, TX)	
University of Pittsburgh-Bradford (Bradford, PA)	
University of Puerto Rico-Rio Piedras Campus (Rio Piedras, PR)*	
University of Redlands (Redlands, CA)*	
University of Rhode Island (Kingston, RI)	
University of Saint Joseph (West Hartford, CT)*	
University of Saint Mary (Leavenworth, KS)	
University of San Francisco (San Francisco, CA)	
University of Scranton (Scranton, PA)*	
University of Southern Indiana (Evansville, IN)	
University of Tennessee, Knoxville, The (Knoxville, TN)	
University of Texas at Arlington, The (Arlington, TX)	
University of Texas at El Paso, The (El Paso, TX)	
University of Texas Rio Grande Valley, The (Edinburg, TX)	
University of the Virgin Islands (Charlotte Amalie, VI)	
University of Tulsa (Tulsa, OK)	
University of Vermont (Burlington, VT)*	
University of Washington Tacoma (Tacoma, WA)	
University of Wisconsin-River Falls (River Falls, WI)	
University of Wyoming (Laramie, WY)*	
Vaughn College of Aeronautics and Technology (Flushing, NY)	
Warner Pacific College (Portland, OR)*	
Washington Adventist University (Takoma Park, MD)	
Washington College (Chestertown, MD)	
Washington State University (Pullman, WA)*	
Webber International University (Babson Park, FL)	
Wesley College (Dover, DE)*	
Wesleyan College, Macon, Georgia (Macon, GA)	
West Virginia Wesleyan College (Buckhannon, WV)	
Western State Colorado University (Gunnison, CO)	
Westfield State University (Westfield, MA)	
Westminster College (Salt Lake City, UT)	
Whitworth University (Spokane, WA)*	
Willamette University (Salem, OR)*	
William Woods University (Fulton, MO)*	
Wingate University (Wingate, NC)	

NSSE 2016 First-Year Experiences and Senior Transitions

Frequencies and Statistical Comparisons: First-Year Experiences

American University of Beirut

First-Year Students

Frequency Distributions ^a								Statistical Comparisons ^b		
				AUB		AUB Compared to All		AUB	AUB Compared to All	
				Count	%	Count	%	Mean	Mean	Effect size ^d
Item wording or description				Variable name		Values ^c		Response options		
1. During the current school year, about how often have you done the following?										
a. Studied when there were other interesting things to do	FYSfy01a	1	Never	3	3	1,553	4	3.2	2.8 ***	.36
		2	Sometimes	22	20	14,172	34			
		3	Often	42	38	15,319	37			
		4	Very often	45	40	10,765	26			
		Total	112	100	41,809	100				
b. Found additional information for course assignments when you didn't understand the material	FYSfy01b	1	Never	8	7	1,225	3	2.9	2.9	.03
		2	Sometimes	28	25	12,302	30			
		3	Often	45	39	18,346	44			
		4	Very often	33	29	9,780	23			
		Total	114	100	41,653	100				
c. Participated in course discussions, even when you didn't feel like it	FYSfy01c	1	Never	13	12	3,074	7	2.5	2.7	-.15
		2	Sometimes	42	38	15,440	37			
		3	Often	39	35	15,302	37			
		4	Very often	17	15	7,884	19			
		Total	111	100	41,700	100				
d. Asked instructors for help when you struggled with course assignments	FYSfy01d	1	Never	23	21	3,914	9	2.3	2.6 ***	-.36
		2	Sometimes	46	41	16,567	40			
		3	Often	33	29	13,655	33			
		4	Very often	10	9	7,417	18			
		Total	112	100	41,553	100				
e. Finished something you have started when you encountered challenges	FYSfy01e	1	Never	0	0	399	1	2.9	3.1 **	-.27
		2	Sometimes	32	29	7,430	18			
		3	Often	53	48	19,667	47			
		4	Very often	26	23	14,058	34			
		Total	111	100	41,554	100				
f. Stayed positive, even when you did poorly on a test or assignment	FYSfy01f	1	Never	7	6	1,487	4	2.9	2.9	-.07
		2	Sometimes	34	30	11,711	28			
		3	Often	39	35	17,290	42			
		4	Very often	32	29	11,051	27			
		Total	112	100	41,539	100				
2. During the current school year, how difficult have the following been for you?										
a. Learning course material	FYSfy02a	1	Not at all difficult	9	8	2,755	7	3.4	3.4	.05
		2	2	16	14	7,315	18			
		3	3	33	29	12,074	29			
		4	4	36	32	13,140	31			
		5	5	10	9	4,884	12			
		6	Very difficult	8	7	1,547	4			
		Total	112	100	41,715	100				
b. Managing your time	FYSfy02b	1	Not at all difficult	5	5	2,454	6	3.9	3.8	.07
		2	2	17	15	5,370	13			
		3	3	18	16	8,898	21			
		4	4	31	28	10,779	26			
		5	5	19	17	8,458	20			
		6	Very difficult	20	18	5,665	14			
		Total	110	100	41,624	100				

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to the endnotes page for the key to triangle symbols.

First-Year Students

				Frequency Distributions ^a				Statistical Comparisons ^b		
				AUB		AUB Compared to All		AUB		AUB Compared to All
Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	Effect size ^d
c. Getting help with school work	FYSfy02c	1	Not at all difficult	17	15	7,026	17	3.1	2.9	.17
		2	2	21	19	10,918	26			
		3	3	29	26	11,126	27			
		4	4	27	25	7,681	18			
		5	5	12	11	3,325	8			
		6	Very difficult	4	4	1,525	4			
		Total	110	100	41,601	100				
d. Interacting with faculty	FYSfy02d	1	Not at all difficult	14	13	8,517	20	2.9	2.8	.11
		2	2	31	28	10,659	26			
		3	3	34	30	10,001	24			
		4	4	19	17	7,115	17			
		5	5	8	7	3,519	8			
		6	Very difficult	6	5	1,738	4			
		Total	112	100	41,549	100				
3. During the current school year, about how often have you sought help with coursework from the following sources? ^j										
a. Faculty members	FYSfy03a_16	1	Never	30	27	4,390	17	2.1	2.2	-.17
		2	Sometimes	46	42	12,903	51			
		3	Often	29	26	5,833	23			
		4	Very often	5	5	2,037	8			
		Total	110	100	25,163	100				
b. Academic advisors	FYSfy03b_16	1	Never	57	53	11,565	46	1.7	1.7	-.11
		2	Sometimes	31	29	9,261	37			
		3	Often	20	19	3,256	13			
		4	Very often	0	0	1,017	4			
		Total	108	100	25,099	100				
c. Learning support services (tutoring, writing center, success coaching, etc.)	FYSfy03c_16	1	Never	64	59	9,669	39	1.6	2.0 ***	-.35
		2	Sometimes	24	22	8,850	35			
		3	Often	18	17	4,286	17			
		4	Very often	3	3	2,224	9			
		Total	109	100	25,029	100				
d. Friends or other students	FYSfy03d_16	1	Never	6	5	1,462	6	2.7	2.9 *	-.24
		2	Sometimes	43	39	6,861	27			
		3	Often	42	38	9,946	40			
		4	Very often	19	17	6,853	27			
		Total	110	100	25,122	100				
e. Family members	FYSfy03e_16	1	Never	57	52	10,087	40	1.9	2.0	-.09
		2	Sometimes	21	19	8,156	32			
		3	Often	21	19	4,622	18			
		4	Very often	11	10	2,241	9			
		Total	110	100	25,106	100				
f. Other persons or offices	FYSfy03f_16	1	Never	77	70	15,517	62	1.4	1.5	-.15
		2	Sometimes	22	20	6,529	26			
		3	Often	10	9	2,141	9			
		4	Very often	1	1	789	3			
		Total	110	100	24,976	100				

NSSE 2016 First-Year Experiences and Senior Transitions

Frequencies and Statistical Comparisons: First-Year Experiences

American University of Beirut

First-Year Students

Frequency Distributions ^a								Statistical Comparisons ^b		
				AUB		AUB Compared to All		AUB	AUB Compared to All	
Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	Effect size ^d
4a. During the current school year, have you seriously considered leaving this institution? ^j										
	FYSfy04a		No	82	73	16,801	67	27%	33%	-.14
	(Means indicate the percentage who responded "Yes.")		Yes	30	27	8,351	33			
			Total	112	100	25,152	100			
4b. [If answered "yes"] Why did you consider leaving? (Select all that apply.) ^l										
	FYSfy04b_1_16	—	Academics are too difficult	14	47	1,184	14	5.3	5.3	.04
	FYSfy04b_2_16	—	Academics are too easy	1	3	562	7			
	FYSfy04b_3_16	—	Other academic issues (major not offered, course availability, advising, credit transfer, etc.)	10	33	1,717	21			
	FYSfy04b_4_16	—	Financial concerns (costs or financial aid)	9	30	3,698	45			
	FYSfy04b_5_16	—	To change your career options (transfer to another school or program, military service, etc.)	2	7	1,584	19			
	FYSfy04b_6_16	—	Difficulty managing demands of school and work	6	20	1,162	14			
	FYSfy04b_7_16	—	Too much emphasis on partying	0	0	481	6			
	FYSfy04b_8_16	—	Not enough opportunities to socialize and have fun	9	30	1,729	21			
	FYSfy04b_9_16	—	Relations with faculty and staff	4	13	804	10			
	FYSfy04b_10_16	—	Relations with other students	4	13	1,717	21			
	FYSfy04b_11_16	—	Campus climate, location, or culture	1	3	2,106	25			
	FYSfy04b_12_16	—	Unsafe or hostile environment	0	0	439	5			
	FYSfy04b_13_16	—	Personal reasons (family issues, physical or mental health, homesickness, stress, etc.)	3	10	2,921	35			
	FYSfy04b_14_16	—	Another reason, please specify:	6	20	1,322	16			
5. How important is it to you that you graduate from this institution?										
	FYSfy05	1	Not important	2	2	1,470	4	5.3	5.3	.04
		2		2	2	1,038	2			
		3		5	5	2,107	5			
		4		10	9	3,756	9			
		5		22	20	5,283	13			
		6	Very important	68	62	27,909	67			
			Total	109	100	41,563	100			

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to the endnotes page for the key to triangle symbols.

First-Year Students

Variable name	N	Mean		Standard error ^f		Standard deviation ^g		DF ^h	Sig. ⁱ	Effect size ^d
	AUB	AUB	AUB Compared to All	AUB	AUB Compared to All	AUB	AUB Compared to All	Comparisons with: AUB Compared to All		
FYSfy01a	112	3.15	2.84	.08	.00	0.83	0.85	41,919	.000	.36
FYSfy01b	114	2.90	2.88	.08	.00	0.90	0.80	41,765	.759	.03
FYSfy01c	111	2.54	2.67	.08	.00	0.89	0.86	41,809	.111	-.15
FYSfy01d	112	2.27	2.59	.08	.00	0.89	0.89	41,663	.000	-.36
FYSfy01e	111	2.95	3.14	.07	.00	0.72	0.73	41,663	.005	-.27
FYSfy01f	112	2.86	2.91	.09	.00	0.91	0.83	111	.521	-.07
FYSfy02a	112	3.41	3.35	.12	.01	1.28	1.20	41,825	.610	.05
FYSfy02b	110	3.93	3.83	.14	.01	1.45	1.41	41,732	.454	.07
FYSfy02c	110	3.07	2.85	.13	.01	1.35	1.32	41,709	.084	.17
FYSfy02d	112	2.95	2.80	.12	.01	1.31	1.39	41,659	.263	.11
FYSfy03a_16 ^l	110	2.08	2.22	.08	.01	0.85	0.83	25,271	.082	-.17
FYSfy03b_16 ^l	108	1.66	1.75	.07	.01	0.78	0.83	25,205	.248	-.11
FYSfy03b_16 ^l	109	1.63	1.96	.08	.01	0.86	0.95	25,136	.000	-.35
FYSfy03b_16 ^l	110	2.67	2.88	.08	.01	0.83	0.87	25,230	.012	-.24
FYSfy03e_16 ^l	110	1.87	1.96	.10	.01	1.05	0.97	110	.382	-.09
FYSfy03f_16 ^l	110	1.41	1.53	.07	.00	0.69	0.78	110	.077	-.15
FYSfy04a ^k	112	.268	.332	.0420	.0030	--	--	--	.150	-.14
FYSfy05	109	5.31	5.26	.11	.01	1.13	1.30	41,670	.696	.04

NSSE 2016 First-Year Experiences and Senior Transitions

Frequencies and Statistical Comparisons: Senior Transitions

American University of Beirut

Seniors

Frequency Distributions ^a							Statistical Comparisons ^b			
				AUB		AUB Compared to All		AUB	AUB Compared to All	
Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	Effect size ^d
1. Do you expect to graduate this spring or summer? ^j										
	FYSsr01_16		No	7	9	9,633	31			
			Yes	74	91	21,456	69			
			Total	81	100	31,089	100			
1a. [Excludes those who answered "No," not expecting spring/summer graduation] After graduation, what best describes your immediate plans?										
	FYSsr01a	—	Full-time employment	23	31	24,526	58			
	(Includes all 2015 respondents because FYSsr01_16 was a new item in 2016.)	—	Part-time employment	2	3	1,627	4			
		—	Graduate or professional school	39	53	9,462	23			
		—	Military service	0	0	420	1			
		—	Service or volunteer activity (AmeriCorps, Peace Corps, Teach for America, etc.)	0	0	458	1			
		—	Internship (paid or unpaid)	5	7	1,587	4			
		—	Travel or gap year	0	0	1,417	3			
		—	No plans at this time	2	3	1,232	3			
		—	Other, please specify:	3	4	1,240	3			
			Total	74	100	41,969	100			
1b. [If immediate plans included full- or part-time employment] Do you already have a job for after graduation? ^j										
	FYSsr01b		No	17	71	14,741	57	29%	43%	-.30
	(Means indicate the percentage who responded "Yes."		Yes, I will start a new job	4	17	4,793	18			
	Includes all 2015 respondents because FYSsr01_16 was a new item in 2016.)		Yes, I will continue in my current job	3	13	6,494	25			
			Total	24	100	26,028	100			
2. [Excludes those who answered "No," not expecting spring/summer graduation] To what extent have courses in your major(s) prepared you for your post-graduation plans?										
	FYSsr02	1	Very little	11	15	2,436	6	2.6	3.0 ***	-.46
	(Includes all 2015 respondents because FYSsr01_16 was a new item in 2016.)	2	Some	25	33	8,956	21			
		3	Quite a bit	21	28	15,582	37			
		4	Very much	18	24	14,877	36			
			Total	75	100	41,851	100			
3. Do you intend to work eventually in a field related to your major(s)? ^j										
	FYSsr03		Yes	57	70	43,920	86	70%	86% ***	-.37
	(Means indicate the percentage who responded "Yes.")		No	10	12	2,175	4			
			Unsure	14	17	5,231	10			
			Total	81	100	51,326	100			
4. Do you plan to be self-employed, an independent contractor, or a freelance worker someday? ^j										
	FYSsr04		Yes	40	49	10,856	21	49%	21% ***	.59
	(Means indicate the percentage who responded "Yes.")		No	19	23	25,630	50			
			Unsure	23	28	14,827	29			
			Total	82	100	51,313	100			

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to the endnotes page for the key to triangle symbols.

NSSE 2016 First-Year Experiences and Senior Transitions

Frequencies and Statistical Comparisons: Senior Transitions

American University of Beirut

Seniors

Frequency Distributions ^a							Statistical Comparisons ^b			
				AUB		AUB Compared to All		AUB	AUB Compared to All	
Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	Effect size ^d
5. Do you plan to start your own business (nonprofit or for-profit) someday? ^j										
	FYSsr05		Yes	37	45	12,099	24	45%	24% *** ▲	.46
	(Means indicate the percentage who responded "Yes.")		No	21	26	23,345	45			
			Unsure	24	29	15,918	31			
			Total	82	100	51,362	100			
6. How much confidence do you have in your ability to complete tasks requiring the following skills and abilities?										
a. Critical thinking and analysis of arguments and information	FYSsr06a	1	Very little	0	0	331	1	3.6	3.5	.12
		2	Some	7	9	3,803	7			
		3	Quite a bit	22	27	17,950	35			
		4	Very much	53	65	29,253	57			
			Total	82	100	51,337	100			
b. Creative thinking and problem solving	FYSsr06b	1	Very little	0	0	302	1	3.5	3.5	-.03
		2	Some	7	9	3,474	7			
		3	Quite a bit	27	34	17,386	34			
		4	Very much	46	58	30,109	59			
			Total	80	100	51,271	100			
c. Research skills	FYSsr06c	1	Very little	2	2	966	2	3.3	3.3	.11
		2	Some	8	10	7,587	15			
		3	Quite a bit	31	38	19,786	39			
		4	Very much	40	49	22,925	45			
			Total	81	100	51,264	100			
d. Clear writing	FYSsr06d	1	Very little	1	1	738	1	3.5	3.3 * ▲	.22
		2	Some	10	12	6,394	12			
		3	Quite a bit	18	22	19,472	38			
		4	Very much	52	64	24,646	48			
			Total	81	100	51,250	100			
e. Persuasive speaking	FYSsr06e	1	Very little	3	4	1,988	4	3.3	3.1 * ▲	.26
		2	Some	14	18	11,478	22			
		3	Quite a bit	20	25	19,030	37			
		4	Very much	43	54	18,725	37			
			Total	80	100	51,221	100			
f. Technological skills	FYSsr06f	1	Very little	5	6	1,883	4	3.0	3.1	-.02
		2	Some	17	21	11,393	22			
		3	Quite a bit	29	36	19,903	39			
		4	Very much	30	37	18,016	35			
			Total	81	100	51,195	100			
g. Financial and business management skills	FYSsr06g	1	Very little	19	24	7,921	15	2.4	2.6	-.15
		2	Some	28	35	17,485	34			
		3	Quite a bit	14	18	15,165	30			
		4	Very much	19	24	10,674	21			
			Total	80	100	51,245	100			

NSSE 2016 First-Year Experiences and Senior Transitions

Frequencies and Statistical Comparisons: Senior Transitions

American University of Beirut

Seniors

				Frequency Distributions ^a				Statistical Comparisons ^b		
				AUB		AUB Compared to All		AUB		AUB Compared to All
Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	Effect size ^d
h. Entrepreneurial skills	FYSsr06h	1	Very little	17	21	11,020	22	2.4	2.4	.01
		2	Some	32	40	18,327	36			
		3	Quite a bit	15	19	12,903	25			
		4	Very much	17	21	8,856	17			
		Total	81	100	51,106	100				
i. Leadership skills	FYSsr06i	1	Very little	6	7	1,370	3	3.2	3.3	-.14
		2	Some	9	11	7,654	15			
		3	Quite a bit	32	40	17,694	35			
		4	Very much	34	42	24,473	48			
		Total	81	100	51,191	100				
j. Networking and relationship building	FYSsr06j	1	Very little	7	9	2,569	5	3.0	3.1	-.05
		2	Some	16	20	11,009	22			
		3	Quite a bit	26	33	18,527	36			
		4	Very much	31	39	18,949	37			
		Total	80	100	51,054	100				
7. To what extent has your coursework in your major(s) emphasized the following?										
a. Generating new ideas or brainstorming	FYSsr07a	1	Very little	11	14	1,993	4	2.9	3.1 *	-.30
		2	Some	14	17	9,410	18			
		3	Quite a bit	29	36	18,760	37			
		4	Very much	27	33	21,035	41			
		Total	81	100	51,198	100				
b. Taking risks in your coursework without fear of penalty	FYSsr07b	1	Very little	27	34	11,051	22	2.3	2.5 *	-.25
		2	Some	21	27	14,272	28			
		3	Quite a bit	15	19	13,742	27			
		4	Very much	16	20	12,010	24			
		Total	79	100	51,075	100				
c. Evaluating multiple approaches to a problem	FYSsr07c	1	Very little	13	16	2,386	5	2.8	3.1 *	-.35
		2	Some	20	25	10,188	20			
		3	Quite a bit	17	22	18,847	37			
		4	Very much	29	37	19,538	38			
		Total	79	100	50,959	100				
d. Inventing new methods to arrive at unconventional solutions	FYSsr07d	1	Very little	17	22	6,345	13	2.4	2.7 **	-.31
		2	Some	29	37	14,476	29			
		3	Quite a bit	15	19	15,606	31			
		4	Very much	18	23	14,199	28			
		Total	79	100	50,626	100				

8. Is there anything your institution could have done better to prepare you for your career or further education? Please describe.

This final question asked students to respond in an open text box. Comments were recorded for 25 seniors. Responses are provided in your "NSSE16 Topical Module - Senior Transitions Student Comments" report and in a separate SPSS data file.

These open-ended responses appear exactly as respondents entered them and may not be suitable for distribution without prior review.

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to the endnotes page for the key to triangle symbols.

Seniors

Variable name	N	Mean		Standard error ^f		Standard deviation ^g		DF ^h	Sig. ⁱ	Effect size ^d
	AUB	AUB	AUB Compared to All	AUB	AUB Compared to All	AUB	AUB Compared to All	Comparisons with: AUB Compared to All		
FYSsr01b ^k	24	.292	.434	.0948	.0031	--	--	--	.161	-.30
FYSsr02	75	2.61	3.03	.12	.00	1.01	0.90	74	.001	-.46
FYSsr03 ^k	81	.704	.856	.0511	.0016	--	--	--	.000	-.37
FYSsr04 ^k	82	.488	.212	.0555	.0018	--	--	--	.000	.59
FYSsr05 ^k	82	.451	.236	.0553	.0019	--	--	--	.000	.46
FYSsr06a	82	3.56	3.48	.07	.00	0.65	0.66	51,417	.285	.12
FYSsr06b	80	3.49	3.51	.07	.00	0.66	0.65	51,349	.781	-.03
FYSsr06c	81	3.35	3.26	.08	.00	0.76	0.78	51,343	.329	.11
FYSsr06d	81	3.49	3.33	.08	.00	0.76	0.75	51,329	.045	.22
FYSsr06e	80	3.29	3.06	.10	.00	0.89	0.86	51,299	.020	.26
FYSsr06f	81	3.04	3.06	.10	.00	0.91	0.85	51,274	.842	-.02
FYSsr06g	80	2.41	2.56	.12	.00	1.10	0.99	51,323	.188	-.15
FYSsr06h	81	2.40	2.38	.12	.00	1.04	1.01	51,185	.917	.01
FYSsr06i	81	3.16	3.28	.10	.00	0.90	0.81	51,270	.205	-.14
FYSsr06j	80	3.01	3.05	.11	.00	0.97	0.89	51,132	.669	-.05
FYSsr07a	81	2.89	3.15	.11	.00	1.02	0.85	80	.025	-.30
FYSsr07b	79	2.25	2.52	.13	.00	1.14	1.07	51,152	.026	-.25
FYSsr07c	79	2.78	3.09	.13	.00	1.12	0.87	78	.018	-.35
FYSsr07d	79	2.43	2.74	.12	.00	1.07	1.00	50,703	.005	-.31

Endnotes

- a. Due to nonstandard sampling or response issues, all counts and percentages are unweighted. Percentages may not sum to 100 due to rounding.
- b. Due to nonstandard sampling or response issues, all statistics are unweighted. Unless otherwise noted, statistical comparisons are two-tailed independent *t*-tests. Items with categorical response sets are left blank.
- c. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook.
- d. Effect size for independent *t*-tests uses Cohen's *d*; *z*-tests use Cohen's *h*.
- e. Due to nonstandard sampling or response issues, all statistics are unweighted. Categorical items are not listed.
- f. The 95% confidence interval for the population mean is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- g. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- h. Degrees of freedom used to compute the *t*-tests. Values differ from *N*s due to whether equal variances were assumed.
- i. Statistical comparisons are two-tailed independent *t*-tests or *z*-tests. Statistical significance represents the probability that the difference between your students' mean and that of the students in the comparison group is due to chance.
- j. Statistical comparison uses *z*-test to compare the proportion who responded (depending on the item) "Done or in progress" or "Yes" with all who responded otherwise.
- k. Mean represents the proportion who responded (depending on the item) "Done or in progress" or "Yes."
- l. This was a new item in 2016, comparison group results do not include 2015 institutions. May not apply to all modules.

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.