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# **NSSE 2020 Topical Module Report**

## **First-Year Experiences and Senior Transitions**

University of New Hampshire at Durham

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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 'FY Exp / Sr Transiti'n' column of this report.

Group label	FY Exp / Sr Transiti'n
Date submitted	5/29/20
How was this comparison group constructed?	Your institution added or removed institutions from the default comparison group (all module participants)
Group description	All other current NSSE institutions who administered module "First-Year Experiences and Senior Transitions"

## FY Exp / Sr Transiti'n (N=162)

Abilene Christian University (Abilene, TX)	Concordia University Chicago (River Forest, IL)
Alabama State University (Montgomery, AL)	Dalhousie University (Halifax, NS)
Alcorn State University (Alcorn State, MS)	Dean College (Franklin, MA)
Allegheny College (Meadville, PA)	DeSales University (Center Valley, PA)
Arkansas Baptist College (Little Rock, AR)	Drew University (Madison, NJ)
Ashford University (San Diego, CA)	École de technologie supérieure (Montréal, QC)
Azusa Pacific University (Azusa, CA)	Evergreen State College, The (Olympia, WA)
Barry University (Miami, FL)	Fayetteville State University (Fayetteville, NC)
Barton College (Wilson, NC)	Florida A&M University (Tallahassee, FL)
Becker College (Worcester, MA)	Florida International University (Miami, FL)
Benedictine College (Atchison, KS)	Florida Southern College (Lakeland, FL)
Bennington College (Bennington, VT)	Freed-Hardeman University (Henderson, TN)
Brandon University (Brandon, MB)	Gallaudet University (Washington, DC)
Bridgewater College (Bridgewater, VA)	Georgetown College (Georgetown, KY)
Bridgewater State University (Bridgewater, MA)	Georgia Southern University (Statesboro, GA)
Brock University (St. Catharines, ON)	Georgia Southwestern State University (Americus, GA)
California State Polytechnic University-Pomona (Pomona, CA)	Georgia State University (Atlanta, GA)
California State University-Dominguez Hills (Carson, CA)	Glenville State College (Glenville, WV)
California State University, Chico (Chico, CA)	Grand Canyon University (Phoenix, AZ)
California State University, Sacramento (Sacramento, CA)	Grinnell College (Grinnell, IA)
Campbellsville University (Campbellsville, KY)	Hendrix College (Conway, AR)
Carroll College (Helena, MT)	Holy Cross College, Notre Dame, IN (Notre Dame, IN)
Centenary College of Louisiana (Shreveport, LA)	Illinois College (Jacksonville, IL)
Clark University (Worcester, MA)	Indiana Institute of Technology (Fort Wayne, IN)
Cleveland State University (Cleveland, OH)	Judson University (Elgin, IL)
College of Coastal Georgia (Brunswick, GA)	Kenyon College (Gambier, OH)
College of Our Lady of the Elms (Chicopee, MA)	Keuka College (Keuka Park, NY)
College of Saint Elizabeth (Morristown, NJ)	La Roche University (Pittsburgh, PA)
Colorado Technical University (Colorado Springs, CO)	Laurentian University/Université Laurentienne (Sudbury, ON)
Columbus College of Art and Design (Columbus, OH)	Lenoir-Rhyne University (Hickory, NC)

## FY Exp / Sr Transiti (N=162), continued

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Limestone College (Gaffney, SC)	University of British Columbia Okanagan (Kelowna, BC)
Lincoln College (Lincoln, IL)	University of Calgary (Calgary, AB)
Marietta College (Marietta, OH)	University of Central Missouri (Warrensburg, MO)
Mars Hill University (Mars Hill, NC)	University of Charleston (Charleston, WV)
Marymount California University (Rancho Palos Verdes, CA)	University of Dubuque (Dubuque, IA)
McGill University (Montreal, QC)	University of Evansville (Evansville, IN)
Memorial University of Newfoundland (St. John's, NL)	University of Georgia (Athens, GA)
Mercy College (Dobbs Ferry, NY)	University of Guam (Mangilao, GU)
Mississippi State University (Mississippi State, MS)	University of Kentucky (Lexington, KY)
Mount Saint Vincent University (Halifax, NS)	University of Lethbridge (Lethbridge, AB)
Nebraska Methodist College (Omaha, NE)	University of Louisiana Monroe (Monroe, LA)
Nebraska Wesleyan University (Lincoln, NE)	University of Maine (Orono, ME)
Nevada State College (Henderson, NV)	University of Maine at Augusta (Augusta, ME)
New Mexico State University (Las Cruces, NM)	University of Maine at Fort Kent (Fort Kent, ME)
New York Institute of Technology (Old Westbury, NY)	University of Maine at Presque Isle (Presque Isle, ME)
Northern State University (Aberdeen, SD)	University of Manitoba, The (Winnipeg, MB)
OCAD University (Toronto, ON)	University of Minnesota Morris (Morris, MN)
Olivet College (Olivet, MI)	University of New Brunswick (Fredericton, NB)
Ottawa University (Ottawa, KS)	University of New England (Biddeford, ME)
Ottawa University-Surprise (Surprise, AZ)	University of North Carolina at Charlotte (Charlotte, NC)
Otterbein University (Westerville, OH)	University of Ontario Institute of Technology (Oshawa, ON)
Paul Smith's College (Paul Smiths, NY)	University of Pikeville (Pikeville, KY)
Plymouth State University (Plymouth, NH)	University of Richmond (University of Richmond, VA)
Presentation College (Aberdeen, SD)	University of Saskatchewan (Saskatoon, SK)
Purdue University Fort Wayne (Fort Wayne, IN)	University of South Florida (Tampa, FL)
Rogers State University (Claremore, OK)	University of South Florida-St. Petersburg (St. Petersburg, FL)
Saint Andrews University (Laurinburg, NC)	University of Tennessee Martin, The (Martin, TN)
Saint Joseph's College (Standish, ME)	University of Texas at Arlington, The (Arlington, TX)
Saint Mary's University (Halifax, NS)	University of Texas at El Paso, The (El Paso, TX)
Saint Xavier University (Chicago, IL)	University of Texas Rio Grande Valley, The (Edinburg, TX)
Samford University (Birmingham, AL)	University of Victoria (Victoria, BC)
San Diego State University-Imperial Valley Campus (Calexico, CA)	University of Virginia's College at Wise, The (Wise, VA)
Sarah Lawrence College (Bronxville, NY)	University of West Georgia (Carrollton, GA)
Shaw University (Raleigh, NC)	University of Windsor (Windsor, ON)
Sheridan College Institute of Technology and Advanced Learning (Oakville, ON)	University of Winnipeg, The (Winnipeg, MB)
Southeastern Louisiana University (Hammond, LA)	University of Wisconsin Oshkosh (Oshkosh, WI)
Southern Oregon University (Ashland, OR)	University of Wisconsin-Platteville (Platteville, WI)
St. Thomas University (Fredericton, NB)	Vancouver Island University (Nanaimo, BC)
Stevenson University (Stevenson, MD)	Warren Wilson College (Swannanoa, NC)
SUNY College at Oswego (Oswego, NY)	Waynesburg University (Waynesburg, PA)
SUNY College at Plattsburgh (Plattsburgh, NY)	Western New England University (Springfield, MA)
SUNY College of Environmental Science and Forestry (Syracuse, NY)	Western Oregon University (Monmouth, OR)
SUNY-Buffalo State College (Buffalo, NY)	Whitman College (Walla Walla, WA)
Sweet Briar College (Sweet Briar, VA)	Xavier University (Cincinnati, OH)
Tennessee Wesleyan University (Athens, TN)	
Towson University (Towson, MD)	
Trent University (Peterborough, ON)	
Université de Montréal (Montreal, QC)	
Université du Québec à Chicoutimi (Chicoutimi, QC)	
Université du Québec à Montréal (Montréal, QC)	
Université du Québec à Rimouski (Rimouski, QC)	
Université du Québec à Trois-Rivières (Trois-Rivières, QC)	
Université du Québec en Abitibi-Témiscamingue (Rouyn-Noranda, QC)	
Université du Québec en Outaouais (Gatineau, QC)	
Université Laval (Quebec city, QC)	
University at Buffalo, State University of New York (Buffalo, NY)	
University of Alberta (Edmonton, AB)	
University of British Columbia - Vancouver campus (Vancouver, BC)	

\*2019 participant

## First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				UNH		FY Exp / Sr Transitm		UNH	FY Exp / Sr Transitm	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
<b>1. During the current school year, about how often have you done the following?</b>										
a. Studied when there were other interesting things to do	FYSfy01a	1	Never	18	4	2,232	4	<b>2.7</b>	2.8 *	- .10 ▽
		2	Sometimes	175	39	18,498	34			
		3	Often	166	37	20,478	37			
		4	Very often	94	20	13,699	24			
		Total		453	100	54,907	100			
b. Found additional information for course assignments when you didn't understand the material	FYSfy01b	1	Never	4	1	1,631	3	<b>2.9</b>	2.9	.00
		2	Sometimes	128	29	15,539	29			
		3	Often	231	51	24,925	45			
		4	Very often	89	19	12,718	23			
		Total		452	100	54,813	100			
c. Participated in course discussions, even when you didn't feel like it	FYSfy01c	1	Never	40	9	7,641	13	<b>2.6</b>	2.5	.05
		2	Sometimes	168	37	21,611	39			
		3	Often	189	41	17,570	33			
		4	Very often	54	12	8,007	16			
		Total		451	100	54,829	100			
d. Asked instructors for help when you struggled with course assignments	FYSfy01d	1	Never	44	10	7,967	14	<b>2.5</b>	2.4 **	.13 △
		2	Sometimes	184	41	23,952	43			
		3	Often	156	35	15,770	29			
		4	Very often	68	15	7,130	14			
		Total		452	100	54,819	100			
e. Finished something you have started when you encountered challenges	FYSfy01e	1	Never	3	1	708	1	<b>3.1</b>	3.1	.05
		2	Sometimes	73	16	10,757	20			
		3	Often	244	54	26,765	49			
		4	Very often	132	29	16,520	30			
		Total		452	100	54,750	100			
f. Stayed positive, even when you did poorly on a test or assignment	FYSfy01f	1	Never	18	4	2,623	5	<b>2.9</b>	2.8	.01
		2	Sometimes	137	30	16,956	30			
		3	Often	194	43	22,526	41			
		4	Very often	103	23	12,709	24			
		Total		452	100	54,814	100			
<b>2. During the current school year, how difficult have the following been for you?</b>										
a. Learning course material	FYSfy02a	1	Not at all difficult	6	1	2,418	5	<b>3.6</b>	3.5 *	.10 △
		2	2	65	15	7,724	14			
		3	3	125	28	15,995	29			
		4	4	176	39	19,298	35			
		5	5	65	15	7,053	13			
		6	Very difficult	15	3	2,336	4			
		Total		452	100	54,824	100			
b. Managing your time	FYSfy02b	1	Not at all difficult	25	6	2,348	5	<b>3.7</b>	3.9 ***	- .16 ▽
		2	2	61	14	5,722	11			
		3	3	107	24	11,832	22			
		4	4	140	30	15,532	28			
		5	5	70	15	11,439	20			
		6	Very difficult	49	11	7,932	14			
		Total		452	100	54,805	100			

## First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				UNH		FY Exp / Sr Transn		UNH	FY Exp / Sr Transn	
				Count	%	Count	%	Mean	Mean	Effect size <sup>d</sup>
c. Getting help with school work	FYSfy02c	1	Not at all difficult	44	10	7,273	14	<b>2.9</b>	3.0	-.05
		2	2	134	30	12,692	23			
		3	3	131	28	15,520	28			
		4	4	95	21	11,721	21			
		5	5	39	9	5,007	9			
		6	Very difficult	9	2	2,562	5			
		Total		452	100	54,775	100			
d. Interacting with faculty	FYSfy02d	1	Not at all difficult	66	15	9,657	19	<b>2.8</b>	2.9	-.08
		2	2	141	32	13,391	24			
		3	3	114	24	13,969	25			
		4	4	93	21	10,189	18			
		5	5	27	6	4,845	9			
		6	Very difficult	11	2	2,718	5			
		Total		452	100	54,769	100			
<b>3. During the current school year, about how often have you sought help with coursework from the following sources?</b>										
a. Faculty members	FYSfy03a_16	1	Never	55	13	12,300	22	<b>2.3</b>	2.1 ***	.22
		2	Sometimes	242	54	28,392	52			
		3	Often	122	27	10,927	20			
		4	Very often	31	6	3,098	6			
		Total		450	100	54,717	100			
b. Academic advisors	FYSfy03b_16	1	Never	185	41	27,233	48	<b>1.8</b>	1.7 *	.12
		2	Sometimes	180	40	19,038	35			
		3	Often	70	15	6,465	12			
		4	Very often	16	3	1,901	4			
		Total		451	100	54,637	100			
c. Learning support services (tutoring, writing center, success coaching, etc.)	FYSfy03c_16	1	Never	178	40	27,333	48	<b>1.9</b>	1.8 ***	.16
		2	Sometimes	155	34	16,868	32			
		3	Often	86	19	7,305	14			
		4	Very often	31	7	3,141	6			
		Total		450	100	54,647	100			
d. Friends or other students	FYSfy03d_16	1	Never	18	4	3,601	8	<b>3.0</b>	2.8 ***	.20
		2	Sometimes	98	22	14,934	28			
		3	Often	188	42	20,356	37			
		4	Very often	145	32	15,777	28			
		Total		449	100	54,668	100			
e. Family members	FYSfy03e_16	1	Never	183	42	22,630	42	<b>1.9</b>	1.9	.01
		2	Sometimes	143	32	17,933	32			
		3	Often	87	19	9,630	17			
		4	Very often	38	8	4,476	8			
		Total		451	100	54,669	100			
f. Other persons or offices	FYSfy03f_16	1	Never	242	54	35,323	63	<b>1.6</b>	1.5 ***	.16
		2	Sometimes	145	32	13,212	25			
		3	Often	44	9	4,460	9			
		4	Very often	20	4	1,630	3			
		Total		451	100	54,625	100			

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

## First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				UNH		FY Exp / Sr Transitn		UNH	FY Exp / Sr Transitn	
				Count	%	Count	%	Mean	Mean	Effect size <sup>d</sup>
<b>4a. During the current school year, have you seriously considered leaving this institution?<sup>j</sup></b>										
	FYSfy04a	No		328	73	39,458	72	<b>27%</b>	28%	-.02
		Yes		123	27	15,225	28			
		Total		451	100	54,683	100			
<b>4b. [If answered "yes"] Why did you consider leaving? (Select all that apply.)</b>										
	FYSfy04b_1_16	—	Academics are too difficult	24	21	3,529	22			
	FYSfy04b_2_16	—	Academics are too easy	3	2	607	4			
	FYSfy04b_3_16	—	Other academic issues (major not offered, course availability, advising, credit transfer, etc.)	16	12	2,446	16			
	FYSfy04b_4_16	—	Financial concerns (costs or financial aid)	53	43	5,634	38			
	FYSfy04b_5_16	—	To change your career options (transfer to another school or program, military service, etc.)	15	13	3,628	23			
	FYSfy04b_6_16	—	Difficulty managing demands of school and work	17	13	3,165	21			
	FYSfy04b_7_16	—	Too much emphasis on partying	17	13	575	4			
	FYSfy04b_8_16	—	Not enough opportunities to socialize and have fun	24	19	2,664	17			
	FYSfy04b_9_16	—	Relations with faculty and staff	6	4	1,421	10			
	FYSfy04b_10_16	—	Relations with other students	36	27	2,545	16			
	FYSfy04b_11_16	—	Campus climate, location, or culture	44	34	3,449	22			
	FYSfy04b_12_16	—	Unsafe or hostile environment	6	5	763	5			
	FYSfy04b_13_16	—	Personal reasons (family issues, physical or mental health, homesickness, stress, etc.)	44	34	6,484	42			
	FYSfy04b_14_16	—	A reason not listed above, please specify:	15	12	2,096	15			
<b>5. How important is it to you that you graduate from <i>this institution</i>?</b>										
	FYSfy05	1	Not important	18	4	2,369	5	<b>5.2</b>	5.1	.09
		2		16	3	1,744	3			
		3		16	4	3,225	6			
		4		48	11	6,659	12			
		5		63	14	8,548	15			
		6	Very important	287	64	31,860	59			
		Total		448	100	54,405	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 <sup>f</sup>		Standard deviation <sup>g</sup>		DF <sup>h</sup>	Sig. <sup>i</sup>	Effect size <sup>d</sup>
	UNH	UNH	FY Exp / Sr Transiti	UNH	FY Exp / Sr Transiti	UNH	FY Exp / Sr Transiti	Comparisons with: FY Exp / Sr Transiti		
FYSfy01a	454	2.73	2.81	.039	.004	0.83	0.85	52,619	.036	-.10
FYSfy01b	454	2.89	2.89	.033	.003	0.71	0.79	462	.938	.00
FYSfy01c	453	2.56	2.52	.038	.004	0.82	0.90	461	.222	.05
FYSfy01d	454	2.54	2.43	.040	.004	0.86	0.89	52,523	.005	.13
FYSfy01e	454	3.12	3.08	.032	.003	0.68	0.74	52,438	.274	.05
FYSfy01f	454	2.86	2.85	.038	.004	0.82	0.84	52,523	.885	.01
FYSfy02a	454	3.59	3.48	.049	.005	1.05	1.16	462	.021	.10
FYSfy02b	454	3.69	3.91	.063	.006	1.34	1.36	52,500	.001	-.16
FYSfy02c	454	2.94	3.01	.056	.006	1.20	1.34	462	.208	-.05
FYSfy02d	454	2.78	2.89	.058	.006	1.24	1.39	463	.069	-.08
FYSfy03a_16	452	2.28	2.10	.036	.004	0.76	0.81	52,425	.000	.22
FYSfy03b_16	453	1.81	1.72	.038	.004	0.82	0.82	52,333	.013	.12
FYSfy03c_16	452	1.93	1.78	.044	.004	0.93	0.91	52,347	.001	.16
FYSfy03d_16	451	3.02	2.84	.040	.004	0.84	0.92	459	.000	.20
FYSfy03e_16	453	1.93	1.92	.045	.004	0.96	0.96	52,357	.761	.01
FYSfy03f_16	453	1.64	1.52	.039	.003	0.83	0.79	52,317	.001	.16
FYSfy04a <sup>k</sup>	453	.266	.276	.0208	.0020	--	--	--	.626	-.02
FYSfy05	450	5.19	5.06	.064	.006	1.36	1.40	52,141	.060	.09

See the endnotes on the last page of this report.



## Seniors

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				UNH		FY Exp / Sr		UNH	FY Exp / Sr	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
<b>1. Do you expect to graduate this spring or summer?</b>										
	FYSr01_16	No		94	13	16,882	32			
		Yes		636	87	39,218	68			
		Total		730	100	56,100	100			
<b>1a. [Excludes those who answered "No," not expecting spring/summer graduation] After graduation, what best describes your immediate plans?</b>										
	FYSr01a	—	Full-time employment	362	57	22,642	58			
		—	Part-time employment	28	4	2,116	5			
		—	Graduate or professional school	157	24	9,319	23			
		—	Military service	6	1	317	1			
		—	Service or volunteer activity (AmeriCorps, Peace Corps, Teach for America, etc.)	5	1	228	1			
		—	Internship (paid or unpaid)	38	5	1,286	3			
		—	Travel or gap year	22	4	1,490	3			
		—	No plans at this time	18	3	1,299	3			
		—	Other, please specify:	6	1	1,007	2			
		Total		642	100	39,704	100			
<b>1b. [If immediate plans included full- or part-time employment] Do you already have a job for after graduation?<sup>j</sup></b>										
	FYSr01b	No		221	56	12,838	51	<b>44%</b>	49% *	- .11
	(Means indicate the percentage who responded "Yes.")	Yes, I will start a new job		122	32	5,264	21			
		Yes, I will continue in my current job		46	12	6,539	28			
		Total		389	100	24,641	100			
<b>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?</b>										
	FYSr02	1	Very little	35	6	3,086	8	<b>2.9</b>	2.9	.03
		2	Some	153	24	9,520	24			
		3	Quite a bit	259	41	14,836	37			
		4	Very much	197	30	12,186	32			
		Total		644	100	39,628	100			
<b>3. Do you intend to work eventually in a field related to your major(s)?<sup>j</sup></b>										
	FYSr03	Yes		615	84	47,996	85	<b>84%</b>	85%	-.04
	(Means indicate the percentage who responded "Yes.")	No		46	6	2,569	5			
		Unsure		74	10	5,818	10			
		Total		735	100	56,383	100			
<b>4. Do you plan to be self-employed, an independent contractor, or a freelance worker someday?<sup>j</sup></b>										
	FYSr04	Yes		114	17	12,271	23	<b>17%</b>	23% ***	-.16
	(Means indicate the percentage who responded "Yes.")	No		415	56	28,545	49			
		Unsure		205	28	15,586	28			
		Total		734	100	56,402	100			

## Seniors

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				UNH		FY Exp / Sr Transiti		UNH	FY Exp / Sr Transiti	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
<b>5. Do you plan to start your own business (nonprofit or for-profit) someday?<sup>j</sup></b>										
	FYSsr05		Yes	130	19	13,690	26	<b>19%</b>	26% ***	-0.17
		(Means indicate the percentage who responded "Yes.")	No	358	47	26,267	45			
			Unsure	248	34	16,486	29			
			Total	736	100	56,443	100			
<b>6. How much confidence do you have in your ability to complete tasks requiring the following skills and abilities?</b>										
a. Critical thinking and analysis of arguments and information	FYSsr06a		1 Very little	2	0	446	1	<b>3.4</b>	3.4	-0.01
			2 Some	62	8	5,020	8			
			3 Quite a bit	307	41	22,327	38			
			4 Very much	363	50	28,521	52			
			Total	734	100	56,314	100			
b. Creative thinking and problem solving	FYSsr06b		1 Very little	2	0	412	1	<b>3.4</b>	3.4	-0.02
			2 Some	62	8	4,887	8			
			3 Quite a bit	297	40	22,141	38			
			4 Very much	373	51	28,817	53			
			Total	734	100	56,257	100			
c. Research skills	FYSsr06c		1 Very little	19	2	1,435	2	<b>3.2</b>	3.2	.00
			2 Some	123	16	10,240	17			
			3 Quite a bit	301	41	22,725	40			
			4 Very much	289	40	21,878	41			
			Total	732	100	56,278	100			
d. Clear writing	FYSsr06d		1 Very little	8	1	834	2	<b>3.3</b>	3.3	.03
			2 Some	95	13	7,688	13			
			3 Quite a bit	293	40	23,420	41			
			4 Very much	336	46	24,345	44			
			Total	732	100	56,287	100			
e. Persuasive speaking	FYSsr06e		1 Very little	33	5	2,272	4	<b>3.0</b>	3.0	-0.05
			2 Some	183	25	13,359	23			
			3 Quite a bit	287	38	22,345	39			
			4 Very much	229	32	18,300	34			
			Total	732	100	56,276	100			
f. Technological skills	FYSsr06f		1 Very little	38	5	2,290	4	<b>3.0</b>	3.0	.00
			2 Some	164	21	13,710	23			
			3 Quite a bit	288	39	22,640	40			
			4 Very much	239	35	17,628	34			
			Total	729	100	56,268	100			
g. Financial and business management skills	FYSsr06g		1 Very little	145	19	10,985	18	<b>2.4</b>	2.5	-0.05
			2 Some	267	36	20,300	35			
			3 Quite a bit	193	27	15,229	28			
			4 Very much	126	18	9,732	19			
			Total	731	100	56,246	100			

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

## Seniors

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				UNH		FY Exp / Sr Transn		UNH	FY Exp / Sr Transn	
				Count	%	Count	%	Mean	Mean	Effect size <sup>d</sup>
h. Entrepreneurial skills	FYSsr06h	1	Very little	212	28	14,596	24	<b>2.2</b>	2.3 **	-0.12
		2	Some	274	37	20,962	37			
		3	Quite a bit	158	22	12,669	23			
		4	Very much	88	13	8,022	16			
		Total		732	100	56,249	100			
i. Leadership skills	FYSsr06i	1	Very little	26	4	2,299	4	<b>3.2</b>	3.1	.06
		2	Some	121	16	10,900	19			
		3	Quite a bit	276	37	20,778	36			
		4	Very much	310	43	22,284	41			
		Total		733	100	56,261	100			
j. Networking and relationship building	FYSsr06j	1	Very little	37	5	3,769	7	<b>3.0</b>	2.9	.03
		2	Some	183	25	14,233	25			
		3	Quite a bit	280	38	20,701	36			
		4	Very much	233	32	17,590	33			
		Total		733	100	56,293	100			
<b>7. To what extent has your coursework in your major(s) emphasized the following?</b>										
a. Generating new ideas or brainstorming	FYSsr07a	1	Very little	24	3	2,381	4	<b>3.1</b>	3.1	.00
		2	Some	168	23	12,037	21			
		3	Quite a bit	285	39	22,736	40			
		4	Very much	256	35	19,023	35			
		Total		733	100	56,177	100			
b. Taking risks in your coursework without fear of penalty	FYSsr07b	1	Very little	164	22	13,150	23	<b>2.4</b>	2.5	-0.01
		2	Some	230	32	16,925	30			
		3	Quite a bit	194	26	15,004	27			
		4	Very much	145	20	11,062	21			
		Total		733	100	56,141	100			
c. Evaluating multiple approaches to a problem	FYSsr07c	1	Very little	23	3	2,638	5	<b>3.0</b>	3.0	.01
		2	Some	171	23	11,951	21			
		3	Quite a bit	288	39	22,913	40			
		4	Very much	249	34	18,595	34			
		Total		731	100	56,097	100			
d. Inventing new methods to arrive at unconventional solutions	FYSsr07d	1	Very little	89	12	7,362	13	<b>2.7</b>	2.7	.00
		2	Some	220	30	17,401	30			
		3	Quite a bit	250	34	17,982	32			
		4	Very much	170	24	13,170	25			
		Total		729	100	55,915	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 259 seniors. Responses are provided in your "NSSE20 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.*

### Seniors

Variable name	N	Mean		Standard error <sup>f</sup>		Standard deviation <sup>g</sup>		DF <sup>h</sup>	Sig. <sup>i</sup>	Effect size <sup>d</sup>
		UNH	FY Exp / Sr Transiti	UNH	FY Exp / Sr Transiti	UNH	FY Exp / Sr Transiti			
FYSsr01b <sup>k</sup>	390	.438	.491	.0251	.0028	--	--	--	.036	-.11
FYSsr02	639	2.95	2.92	.034	.004	0.87	0.93	657	.438	.03
FYSsr03 <sup>k</sup>	732	.838	.852	.0136	.0013	--	--	--	.260	-.04
FYSsr04 <sup>k</sup>	731	.167	.229	.0138	.0016	--	--	--	.000	-.16
FYSsr05 <sup>k</sup>	733	.189	.260	.0145	.0016	--	--	--	.000	-.17
FYSsr06a	730	3.42	3.42	.024	.003	0.65	0.68	72,841	.831	-.01
FYSsr06b	730	3.42	3.43	.024	.003	0.66	0.68	72,741	.619	-.02
FYSsr06c	728	3.19	3.19	.029	.003	0.79	0.80	72,785	.893	.00
FYSsr06d	728	3.30	3.28	.027	.003	0.74	0.75	72,783	.388	.03
FYSsr06e	728	2.99	3.03	.032	.003	0.87	0.85	72,769	.146	-.05
FYSsr06f	725	3.04	3.04	.032	.003	0.87	0.85	72,772	.961	.00
FYSsr06g	727	2.44	2.49	.037	.004	0.99	0.99	72,741	.171	-.05
FYSsr06h	728	2.19	2.31	.037	.004	0.99	1.01	743	.002	-.12
FYSsr06i	729	3.19	3.14	.031	.003	0.84	0.86	72,751	.125	.06
FYSsr06j	729	2.97	2.95	.033	.003	0.88	0.91	744	.434	.03
FYSsr07a	729	3.06	3.06	.031	.003	0.84	0.85	72,650	.943	.00
FYSsr07b	729	2.44	2.45	.039	.004	1.05	1.06	72,593	.693	-.01
FYSsr07c	727	3.05	3.04	.031	.003	0.84	0.86	72,557	.874	.01
FYSsr07d	725	2.69	2.69	.036	.004	0.97	0.98	72,313	.996	.00

See the endnotes on the last page of this report.

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## Endnotes

- a. Column percentages are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Percentages may not sum to 100 due to rounding. Counts are unweighted; column percentages cannot be replicated from counts.
- b. All statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). 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. Statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). 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 weighting and 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."

### **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.