

2018 Alumni Survey

Gender and Racial/Ethnic Comparisons of Undergraduate Education Goals

General Education Frequency Distributions

Importance of General Education

Importance: An overall general education

	NC State	Women	Men	Asian	AfAm	White	Other
4: Very important	71.2%	77.4%	64.6%	73.5%	76.3%	69.6%	80.0%
3: Somewhat important	24.4%	19.7%	29.4%	21.4%	20.9%	25.8%	16.8%
2: Not very important	3.8%	2.7%	5.1%	4.3%	1.4%	4.2%	1.1%
1: Not at all important	0.5%	0.2%	0.9%	0.9%	1.4%	0.4%	2.1%
Total (N)	2,237	1,151	1,086	117	139	1,798	95

Importance: Understanding the basic concepts in a broad range of disciplines

	NC State	Women	Men	Asian	AfAm	White	Other
4: Very important	60.7%	64.2%	57.0%	73.9%	65.5%	58.4%	68.4%
3: Somewhat important	32.0%	29.5%	34.7%	18.3%	29.5%	33.8%	27.4%
2: Not very important	6.6%	5.9%	7.4%	7.8%	5.0%	7.1%	3.2%
1: Not at all important	0.7%	0.4%	0.9%	0.0%	0.0%	0.7%	1.1%
Total (N)	2,229	1,147	1,082	115	139	1,792	95

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Gender and Racial/Ethnic Comparisons of Undergraduate Education Goals

General Education Frequency Distributions

Importance: Exploring and synthesizing approaches/views from more than one discipline

	NC State	Women	Men	Asian	AfAm	White	Other
4: Very important	56.7%	58.7%	54.6%	69.6%	66.4%	54.2%	62.5%
3: Somewhat important	33.5%	31.8%	35.4%	20.0%	24.8%	35.8%	28.1%
2: Not very important	8.4%	8.2%	8.6%	8.7%	8.8%	8.7%	7.3%
1: Not at all important	1.3%	1.3%	1.4%	1.7%	0.0%	1.4%	2.1%
Total (N)	2,227	1,146	1,081	115	137	1,791	96

Importance: Formulating and testing hypotheses

	NC State	Women	Men	Asian	AfAm	White	Other
4: Very important	42.7%	40.0%	45.6%	48.7%	50.7%	40.6%	59.4%
3: Somewhat important	30.2%	30.3%	30.0%	35.0%	26.1%	30.6%	20.8%
2: Not very important	20.9%	22.5%	19.1%	12.0%	19.6%	22.3%	14.6%
1: Not at all important	6.2%	7.2%	5.3%	4.3%	3.6%	6.5%	5.2%
Total (N)	2,230	1,145	1,085	117	138	1,791	96

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Gender and Racial/Ethnic Comparisons of Undergraduate Education Goals

General Education Frequency Distributions

Importance: Acquiring an awareness of new scientific knowledge and discoveries

	NC State	Women	Men	Asian	AfAm	White	Other
4: Very important	43.8%	42.8%	44.8%	53.4%	49.3%	41.9%	56.8%
3: Somewhat important	29.0%	28.1%	29.9%	27.6%	30.4%	29.2%	24.2%
2: Not very important	19.1%	20.5%	17.6%	16.4%	12.3%	20.1%	14.7%
1: Not at all important	8.1%	8.5%	7.7%	2.6%	8.0%	8.8%	4.2%
Total (N)	2,236	1,149	1,087	116	138	1,799	95

Importance: Appreciating the arts

	NC State	Women	Men	Asian	AfAm	White	Other
4: Very important	31.8%	36.0%	27.3%	42.7%	48.9%	28.8%	45.8%
3: Somewhat important	26.0%	28.1%	23.9%	26.5%	21.9%	26.4%	19.8%
2: Not very important	25.5%	23.7%	27.4%	19.7%	16.1%	27.2%	16.7%
1: Not at all important	16.7%	12.2%	21.4%	11.1%	13.1%	17.6%	17.7%
Total (N)	2,242	1,149	1,093	117	137	1,804	96

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Gender and Racial/Ethnic Comparisons of Undergraduate Education Goals

General Education Frequency Distributions

Importance: Appreciating the humanities

	NC State	Women	Men	Asian	AfAm	White	Other
4: Very important	32.6%	37.3%	27.7%	39.7%	50.7%	29.2%	52.0%
3: Somewhat important	27.8%	27.8%	27.7%	31.0%	21.0%	29.0%	16.3%
2: Not very important	25.6%	23.7%	27.7%	21.6%	14.5%	27.1%	18.4%
1: Not at all important	13.9%	11.1%	16.8%	7.8%	13.8%	14.7%	13.3%
Total (N)	2,242	1,150	1,092	116	138	1,803	98

Importance: Applying social science methods to understand human behavior

	NC State	Women	Men	Asian	AfAm	White	Other
4: Very important	38.2%	44.2%	31.8%	50.0%	54.8%	35.2%	50.0%
3: Somewhat important	30.3%	29.2%	31.4%	28.4%	20.0%	31.2%	29.2%
2: Not very important	20.9%	18.3%	23.6%	16.4%	17.8%	22.0%	10.4%
1: Not at all important	10.6%	8.2%	13.1%	5.2%	7.4%	11.6%	10.4%
Total (N)	2,230	1,142	1,088	116	135	1,797	96

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Gender and Racial/Ethnic Comparisons of Undergraduate Education Goals

General Education Frequency Distributions

Importance: Applying mathematics skills

	NC State	Women	Men	Asian	AfAm	White	Other
4: Very important	46.2%	40.8%	51.7%	49.6%	50.7%	45.6%	49.0%
3: Somewhat important	34.9%	35.6%	34.2%	32.2%	33.3%	35.2%	28.1%
2: Not very important	14.6%	18.2%	10.8%	14.8%	14.5%	14.7%	17.7%
1: Not at all important	4.3%	5.3%	3.3%	3.5%	1.4%	4.6%	5.2%
Total (N)	2,234	1,146	1,088	115	138	1,798	96

Importance: Understanding how science and technology influence society and everyday life

	NC State	Women	Men	Asian	AfAm	White	Other
4: Very important	50.4%	48.8%	52.2%	56.9%	57.2%	48.7%	59.4%
3: Somewhat important	32.7%	33.0%	32.3%	29.3%	27.5%	33.6%	26.0%
2: Not very important	13.2%	14.3%	12.0%	12.9%	11.6%	13.8%	10.4%
1: Not at all important	3.7%	3.8%	3.5%	0.9%	3.6%	3.9%	4.2%
Total (N)	2,240	1,150	1,090	116	138	1,802	96

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Gender and Racial/Ethnic Comparisons of Undergraduate Education Goals

General Education Frequency Distributions

Importance: Recognizing and acting on ethical principles

	NC State	Women	Men	Asian	AfAm	White	Other
4: Very important	72.8%	77.7%	67.5%	72.2%	72.5%	72.7%	72.2%
3: Somewhat important	21.7%	17.4%	26.3%	21.7%	21.7%	21.6%	24.7%
2: Not very important	4.6%	4.3%	5.0%	6.1%	5.1%	4.8%	2.1%
1: Not at all important	0.9%	0.5%	1.3%	0.0%	0.7%	0.9%	1.0%
Total (N)	2,239	1,150	1,089	115	138	1,801	97

Importance: Being involved in public and community affairs

	NC State	Women	Men	Asian	AfAm	White	Other
4: Very important	42.8%	50.0%	35.2%	51.8%	56.5%	40.3%	53.6%
3: Somewhat important	35.4%	34.6%	36.1%	29.8%	30.4%	36.3%	27.8%
2: Not very important	16.9%	13.0%	21.0%	14.9%	11.6%	18.0%	13.4%
1: Not at all important	4.9%	2.3%	7.6%	3.5%	1.4%	5.4%	5.2%
Total (N)	2,239	1,149	1,090	114	138	1,802	97

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Gender and Racial/Ethnic Comparisons of Undergraduate Education Goals

General Education Frequency Distributions

Importance: Developing and sustaining an active and healthy lifestyle

	NC State	Women	Men	Asian	AfAm	White	Other
4: Very important	59.8%	64.4%	54.9%	62.1%	66.4%	58.7%	64.9%
3: Somewhat important	29.6%	27.4%	31.9%	25.0%	20.4%	30.7%	26.8%
2: Not very important	8.3%	6.4%	10.3%	12.1%	9.5%	8.3%	6.2%
1: Not at all important	2.3%	1.7%	2.9%	0.9%	3.6%	2.3%	2.1%
Total (N)	2,241	1,150	1,091	116	137	1,803	97

Importance: Valuing learning as a lifelong process

	NC State	Women	Men	Asian	AfAm	White	Other
4: Very important	73.9%	77.5%	70.2%	77.2%	75.4%	73.2%	75.3%
3: Somewhat important	21.4%	19.1%	23.9%	18.4%	17.4%	22.3%	21.6%
2: Not very important	4.0%	3.2%	4.9%	4.4%	6.5%	3.9%	1.0%
1: Not at all important	0.6%	0.2%	1.0%	0.0%	0.7%	0.6%	2.1%
Total (N)	2,238	1,149	1,089	114	138	1,801	97

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Gender and Racial/Ethnic Comparisons of Undergraduate Education Goals

General Education Frequency Distributions

Importance: Understanding sustainability as pursuing solutions that are economically viable/socially just/environmentally sound

	NC State	Women	Men	Asian	AfAm	White	Other
4: Very important	54.4%	56.0%	52.7%	61.3%	54.6%	53.5%	59.6%
3: Somewhat important	29.7%	29.9%	29.5%	24.4%	31.2%	30.2%	25.3%
2: Not very important	12.4%	11.5%	13.3%	11.8%	10.6%	12.7%	12.1%
1: Not at all important	3.6%	2.7%	4.5%	2.5%	3.5%	3.7%	3.0%
Total (N)	2,281	1,169	1,112	119	141	1,832	99

NC State Contribution to Development of General Education

Contrib. to Development: An overall general education

	NC State	Women	Men	Asian	AfAm	White	Other
4: Good preparation	65.8%	69.9%	61.6%	52.5%	70.7%	65.9%	64.0%
3: Average preparation	30.5%	26.9%	34.3%	40.4%	25.0%	30.8%	26.7%
2: Fair preparation	3.0%	2.7%	3.3%	7.1%	3.4%	2.7%	5.8%
1: Poor preparation	0.6%	0.5%	0.8%	0.0%	0.9%	0.5%	3.5%
Total (N)	2,031	1,030	1,001	99	116	1,650	86

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Gender and Racial/Ethnic Comparisons of Undergraduate Education Goals

General Education Frequency Distributions

Contrib. to Development: Understanding the basic concepts in a broad range of disciplines

	NC State	Women	Men	Asian	AfAm	White	Other
4: Good preparation	51.7%	56.8%	46.5%	41.6%	62.1%	51.1%	50.6%
3: Average preparation	41.2%	36.9%	45.7%	50.5%	31.0%	42.1%	38.8%
2: Fair preparation	6.0%	5.5%	6.4%	7.9%	6.0%	5.7%	7.1%
1: Poor preparation	1.1%	0.8%	1.5%	0.0%	0.9%	1.1%	3.5%
Total (N)	2,032	1,029	1,003	101	116	1,650	85

Contrib. to Development: Exploring and synthesizing approaches/views from more than one discipline

	NC State	Women	Men	Asian	AfAm	White	Other
4: Good preparation	42.0%	44.3%	39.6%	40.4%	52.6%	41.4%	35.3%
3: Average preparation	46.6%	45.4%	47.9%	47.5%	36.8%	47.6%	45.9%
2: Fair preparation	9.5%	8.8%	10.3%	12.1%	7.0%	9.1%	15.3%
1: Poor preparation	1.9%	1.5%	2.3%	0.0%	3.5%	1.9%	3.5%
Total (N)	2,034	1,031	1,003	99	114	1,656	85

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Gender and Racial/Ethnic Comparisons of Undergraduate Education Goals

General Education Frequency Distributions

Contrib. to Development: Formulating and testing hypotheses

	NC State	Women	Men	Asian	AfAm	White	Other
4: Good preparation	39.2%	39.3%	39.0%	33.0%	45.3%	39.0%	33.7%
3: Average preparation	45.1%	44.4%	45.8%	49.0%	36.8%	45.8%	43.0%
2: Fair preparation	13.0%	13.5%	12.5%	15.0%	13.7%	12.6%	19.8%
1: Poor preparation	2.7%	2.8%	2.6%	3.0%	4.3%	2.7%	3.5%
Total (N)	2,037	1,033	1,004	100	117	1,655	86

Contrib. to Development: Acquiring an awareness of new scientific knowledge and discoveries

	NC State	Women	Men	Asian	AfAm	White	Other
4: Good preparation	34.9%	35.5%	34.2%	30.0%	43.2%	34.5%	32.2%
3: Average preparation	44.7%	44.9%	44.5%	50.0%	36.4%	44.7%	49.4%
2: Fair preparation	16.1%	15.7%	16.5%	18.0%	14.4%	16.4%	13.8%
1: Poor preparation	4.3%	3.9%	4.8%	2.0%	5.9%	4.4%	4.6%
Total (N)	2,039	1,031	1,008	100	118	1,655	87

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Gender and Racial/Ethnic Comparisons of Undergraduate Education Goals

General Education Frequency Distributions

Contrib. to Development: Appreciating the arts

	NC State	Women	Men	Asian	AfAm	White	Other
4: Good preparation	25.3%	30.3%	20.2%	25.3%	31.9%	24.5%	31.0%
3: Average preparation	38.0%	39.7%	36.3%	45.5%	30.2%	37.6%	42.5%
2: Fair preparation	25.1%	21.4%	29.0%	20.2%	30.2%	25.7%	16.1%
1: Poor preparation	11.6%	8.6%	14.6%	9.1%	7.8%	12.1%	10.3%
Total (N)	2,046	1,034	1,012	99	116	1,664	87

Contrib. to Development: Appreciating the humanities

	NC State	Women	Men	Asian	AfAm	White	Other
4: Good preparation	31.3%	35.3%	27.2%	25.3%	40.5%	30.4%	35.6%
3: Average preparation	41.5%	42.2%	40.7%	56.6%	34.5%	41.7%	32.2%
2: Fair preparation	20.8%	17.7%	24.0%	12.1%	20.7%	21.4%	23.0%
1: Poor preparation	6.4%	4.7%	8.1%	6.1%	4.3%	6.4%	9.2%
Total (N)	2,048	1,037	1,011	99	116	1,666	87

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Gender and Racial/Ethnic Comparisons of Undergraduate Education Goals

General Education Frequency Distributions

Contrib. to Development: Applying social science methods to understand human behavior

	NC State	Women	Men	Asian	AfAm	White	Other
4: Good preparation	31.3%	36.9%	25.5%	29.6%	43.5%	30.3%	32.2%
3: Average preparation	40.1%	39.7%	40.6%	49.0%	29.6%	40.3%	35.6%
2: Fair preparation	21.0%	17.6%	24.4%	17.3%	20.0%	21.9%	17.2%
1: Poor preparation	7.6%	5.8%	9.4%	4.1%	7.0%	7.5%	14.9%
Total (N)	2,040	1,033	1,007	98	115	1,661	87

Contrib. to Development: Applying mathematics skills

	NC State	Women	Men	Asian	AfAm	White	Other
4: Good preparation	46.6%	40.8%	52.6%	40.6%	51.3%	46.6%	41.6%
3: Average preparation	40.0%	43.7%	36.2%	45.5%	31.6%	40.9%	33.7%
2: Fair preparation	10.7%	13.0%	8.3%	10.9%	15.4%	10.1%	18.0%
1: Poor preparation	2.6%	2.4%	2.9%	3.0%	1.7%	2.5%	6.7%
Total (N)	2,053	1,043	1,010	101	117	1,667	89

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Gender and Racial/Ethnic Comparisons of Undergraduate Education Goals

General Education Frequency Distributions

Contrib. to Development: Understanding how science and technology influence society and everyday life

	NC State	Women	Men	Asian	AfAm	White	Other
4: Good preparation	42.3%	41.9%	42.8%	35.0%	48.3%	42.1%	40.9%
3: Average preparation	45.2%	46.3%	44.0%	52.0%	35.3%	45.6%	42.0%
2: Fair preparation	10.3%	9.8%	10.9%	11.0%	14.7%	10.1%	12.5%
1: Poor preparation	2.2%	2.1%	2.3%	2.0%	1.7%	2.2%	4.5%
Total (N)	2,055	1,044	1,011	100	116	1,672	88

Contrib. to Development: Recognizing and acting on ethical principles

	NC State	Women	Men	Asian	AfAm	White	Other
4: Good preparation	42.3%	46.5%	38.0%	36.4%	50.4%	41.9%	36.4%
3: Average preparation	44.4%	42.6%	46.2%	46.5%	36.5%	44.8%	45.5%
2: Fair preparation	11.2%	9.7%	12.8%	14.1%	12.2%	11.1%	13.6%
1: Poor preparation	2.1%	1.2%	3.1%	3.0%	0.9%	2.2%	4.5%
Total (N)	2,053	1,044	1,009	99	115	1,672	88

2018 Alumni Survey

Gender and Racial/Ethnic Comparisons of Undergraduate Education Goals

General Education Frequency Distributions

Contrib. to Development: Being involved in public and community affairs

	NC State	Women	Men	Asian	AfAm	White	Other
4: Good preparation	30.7%	36.6%	24.7%	30.0%	49.6%	29.2%	28.4%
3: Average preparation	41.7%	43.2%	40.2%	46.0%	32.2%	41.9%	43.2%
2: Fair preparation	21.7%	17.2%	26.2%	18.0%	17.4%	22.5%	22.7%
1: Poor preparation	5.9%	3.1%	8.9%	6.0%	0.9%	6.4%	5.7%
Total (N)	2,055	1,045	1,010	100	115	1,672	88

Contrib. to Development: Developing and sustaining an active and healthy lifestyle

	NC State	Women	Men	Asian	AfAm	White	Other
4: Good preparation	33.2%	35.6%	30.7%	24.0%	43.1%	32.7%	35.6%
3: Average preparation	40.4%	42.7%	38.0%	40.0%	33.6%	41.2%	35.6%
2: Fair preparation	19.4%	16.3%	22.6%	30.0%	19.0%	18.8%	21.8%
1: Poor preparation	7.0%	5.4%	8.6%	6.0%	4.3%	7.3%	6.9%
Total (N)	2,053	1,041	1,012	100	116	1,670	87

2018 Alumni Survey

Gender and Racial/Ethnic Comparisons of Undergraduate Education Goals General Education Frequency Distributions

Contrib. to Development: Valuing learning as a lifelong process

	NC State	Women	Men	Asian	AfAm	White	Other
4: Good preparation	50.7%	55.1%	46.1%	42.4%	55.7%	50.6%	47.7%
3: Average preparation	38.7%	37.6%	39.8%	41.4%	28.7%	39.4%	39.8%
2: Fair preparation	8.0%	5.6%	10.6%	14.1%	13.9%	7.4%	6.8%
1: Poor preparation	2.6%	1.7%	3.5%	2.0%	1.7%	2.6%	5.7%
Total (N)	2,051	1,043	1,008	99	115	1,669	88

Contrib. to Development: Understanding sustainability as pursuing solutions that are economically viable/socially just/environmentally sound

	NC State	Women	Men	Asian	AfAm	White	Other
4: Good preparation	38.5%	41.4%	35.5%	34.3%	44.9%	37.9%	41.1%
3: Average preparation	42.4%	42.2%	42.5%	48.0%	33.9%	43.3%	33.3%
2: Fair preparation	14.7%	13.2%	16.2%	14.7%	16.1%	14.4%	16.7%
1: Poor preparation	4.4%	3.1%	5.8%	2.9%	5.1%	4.4%	8.9%
Total (N)	2,090	1,058	1,032	102	118	1,698	90