

2018 Alumni Survey

Gender and Racial/Ethnic Comparisons of Undergraduate Education Goals Average Ratings

Communication Skills

Communication Skills: Importance

Mean Rating - Based on a scale of 4=Very important, 3=Somewhat important, 2=Not very important, 1=Not at all important

	NC State	Women	Men	Asian	AfAm	Hispanic	White	Other
Importance: Communication skills overall	3.90	3.93	3.86	3.85	3.93	3.89	3.90	3.88
Importance: Writing effectively	3.61	3.69	3.53	3.68	3.70	3.73	3.59	3.63
Importance: Speaking to small and large groups and making presentations	3.48	3.54	3.41	3.69	3.65	3.64	3.43	3.62
Importance: Understanding written and oral information	3.86	3.89	3.83	3.88	3.90	3.90	3.86	3.88

Communication Skills: NC State Contribution to Development

Mean Rating - Based on a scale of 4=Very much, 3=Somewhat, 2=Very little, 1=Not at all

	NC State	Women	Men	Asian	AfAm	Hispanic	White	Other
Contrib. to Development: Communication skills overall	3.28	3.35	3.22	3.12	3.49	3.32	3.28	3.11
Contrib. to Development: Writing effectively	3.28	3.34	3.22	3.14	3.34	3.47	3.28	3.19
Contrib. to Development: Speaking to small and large groups and making presentations	3.27	3.33	3.21	3.22	3.43	3.39	3.26	3.20
Contrib. to Development: Understanding written and oral information	3.42	3.49	3.35	3.28	3.50	3.59	3.42	3.36

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Problem Solving Skills

Problem Solving Skills: Importance

Mean Rating - Based on a scale of 4=Very important, 3=Somewhat important, 2=Not very important, 1=Not at all important

	NC State	Women	Men	Asian	AfAm	Hispanic	White	Other
Importance: Problem solving skills overall	3.89	3.89	3.89	3.88	3.91	3.88	3.89	3.87
Importance: Defining problems	3.76	3.76	3.77	3.85	3.80	3.75	3.76	3.73
Importance: Examining problems from multiple perspectives	3.76	3.77	3.75	3.80	3.83	3.79	3.75	3.74
Importance: Breaking down complex topics to enhance understanding	3.67	3.67	3.68	3.75	3.70	3.74	3.66	3.76
Importance: Identifying relevant ideas/information	3.73	3.73	3.73	3.78	3.77	3.79	3.72	3.78
Importance: Using information technologies and search strategies to access information	3.58	3.56	3.60	3.67	3.75	3.61	3.56	3.55
Importance: Critically analyzing and evaluating ideas/information	3.75	3.75	3.76	3.83	3.78	3.75	3.75	3.78
Importance: Integrating ideas/information from multiple sources	3.65	3.67	3.63	3.74	3.68	3.72	3.64	3.70
Importance: Constructing clear, precise, and accurate arguments	3.55	3.54	3.56	3.66	3.52	3.55	3.54	3.67
Importance: Combining/synthesizing existing ideas/information in original ways	3.48	3.49	3.46	3.64	3.48	3.48	3.46	3.61
Importance: Generating innovative solutions	3.58	3.56	3.60	3.69	3.62	3.69	3.56	3.64

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Problem Solving Skills: NC State Contribution to Development

Mean Rating - Based on a scale of 4=Very much, 3=Somewhat, 2=Very little, 1=Not at all

	NC State	Women	Men	Asian	AfAm	Hispanic	White	Other
Contrib. to Development: Problem solving skills overall	3.47	3.48	3.47	3.42	3.48	3.48	3.48	3.35
Contrib. to Development: Defining problems	3.37	3.38	3.37	3.40	3.32	3.35	3.38	3.28
Contrib. to Development: Examining problems from multiple perspectives	3.37	3.42	3.32	3.32	3.43	3.38	3.37	3.33
Contrib. to Development: Breaking down complex topics to enhance understanding	3.37	3.38	3.35	3.28	3.40	3.33	3.38	3.29
Contrib. to Development: Identifying relevant ideas/information	3.38	3.41	3.34	3.32	3.38	3.46	3.38	3.33
Contrib. to Development: Using information technologies and search strategies to access information	3.33	3.36	3.30	3.28	3.51	3.38	3.32	3.27
Contrib. to Development: Critically analyzing and evaluating ideas/information	3.44	3.47	3.41	3.34	3.43	3.52	3.45	3.37
Contrib. to Development: Integrating ideas/information from multiple sources	3.39	3.45	3.34	3.28	3.50	3.46	3.39	3.32
Contrib. to Development: Constructing clear, precise, and accurate arguments	3.31	3.34	3.27	3.21	3.41	3.31	3.31	3.18
Contrib. to Development: Combining/synthesizing existing ideas/information in original ways	3.24	3.29	3.19	3.13	3.31	3.34	3.24	3.16
Contrib. to Development: Generating innovative solutions	3.22	3.26	3.16	3.22	3.32	3.24	3.21	3.13

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Professional Skills

Professional Skills: Importance

Mean Rating - Based on a scale of 4=Very important, 3=Somewhat important, 2=Not very important, 1=Not at all important

	NC State	Women	Men	Asian	AfAm	Hispanic	White	Other
Importance: Professional skills overall	3.80	3.85	3.75	3.77	3.86	3.84	3.80	3.76
Importance: Working independently	3.76	3.81	3.71	3.71	3.79	3.82	3.76	3.76
Importance: Working in teams	3.71	3.76	3.67	3.80	3.80	3.78	3.70	3.76
Importance: Working with people from diverse cultural backgrounds	3.55	3.70	3.39	3.68	3.76	3.75	3.51	3.66
Importance: Conducting work activities in an ethical manner	3.84	3.89	3.79	3.82	3.90	3.90	3.83	3.89
Importance: Adapting to changing circumstances	3.82	3.85	3.79	3.86	3.86	3.86	3.81	3.85
Importance: Effectively leading/guiding others	3.62	3.70	3.54	3.70	3.74	3.71	3.60	3.65
Importance: Preparing for a career	3.56	3.64	3.46	3.70	3.67	3.59	3.53	3.67
Importance: Keeping current with skills/knowledge in my field	3.73	3.78	3.68	3.72	3.80	3.73	3.72	3.73
Importance: Working under pressure	3.80	3.84	3.75	3.83	3.81	3.80	3.80	3.73

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Average Ratings

Professional Skills: NC State Contribution to Development

Mean Rating - Based on a scale of 4=Very much, 3=Somewhat, 2=Very little, 1=Not at all

	NC State	Women	Men	Asian	AfAm	Hispanic	White	Other
Contrib. to Development: Professional skills overall	3.32	3.38	3.25	3.18	3.49	3.41	3.32	3.19
Contrib. to Development: Working independently	3.47	3.55	3.40	3.38	3.54	3.47	3.48	3.40
Contrib. to Development: Working in teams	3.49	3.54	3.44	3.39	3.64	3.51	3.49	3.39
Contrib. to Development: Working with people from diverse cultural backgrounds	3.34	3.41	3.26	3.22	3.45	3.39	3.34	3.18
Contrib. to Development: Conducting work activities in an ethical manner	3.37	3.45	3.28	3.25	3.49	3.48	3.37	3.26
Contrib. to Development: Adapting to changing circumstances	3.27	3.36	3.19	3.12	3.42	3.22	3.27	3.26
Contrib. to Development: Effectively leading/guiding others	3.15	3.25	3.04	2.99	3.37	3.07	3.15	3.08
Contrib. to Development: Preparing for a career	3.17	3.23	3.12	3.03	3.21	3.10	3.19	3.06
Contrib. to Development: Keeping current with skills/knowledge in my field	3.21	3.29	3.12	3.11	3.24	3.30	3.21	3.13
Contrib. to Development: Working under pressure	3.45	3.50	3.40	3.32	3.49	3.53	3.46	3.31

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General Education

General Education: Importance

Mean Rating - Based on a scale of 4=Very important, 3=Somewhat important, 2=Not very important, 1=Not at all important

	NC State	Women	Men	Asian	AfAm	Hispanic	White	Other
Importance: An overall general education	3.66	3.74	3.58	3.68	3.72	3.80	3.65	3.75
Importance: Understanding the basic concepts in a broad range of disciplines	3.53	3.57	3.48	3.66	3.60	3.69	3.50	3.63
Importance: Exploring and synthesizing approaches/views from more than one discipline	3.46	3.48	3.43	3.57	3.58	3.65	3.43	3.51
Importance: Formulating and testing hypotheses	3.09	3.03	3.16	3.28	3.24	3.19	3.05	3.34
Importance: Acquiring an awareness of new scientific knowledge and discoveries	3.08	3.05	3.12	3.32	3.21	3.16	3.04	3.34
Importance: Appreciating the arts	2.73	2.88	2.57	3.01	3.07	2.93	2.66	2.94
Importance: Appreciating the humanities	2.79	2.91	2.66	3.03	3.09	3.03	2.73	3.07
Importance: Applying social science methods to understand human behavior	2.96	3.09	2.82	3.23	3.22	3.19	2.90	3.19
Importance: Applying mathematics skills	3.23	3.12	3.34	3.28	3.33	3.26	3.22	3.21
Importance: Understanding how science and technology influence society and everyday life	3.30	3.27	3.33	3.42	3.38	3.47	3.27	3.41
Importance: Recognizing and acting on ethical principles	3.66	3.72	3.60	3.66	3.66	3.68	3.66	3.68
Importance: Being involved in public and community affairs	3.16	3.32	2.99	3.30	3.42	3.35	3.12	3.30
Importance: Developing and sustaining an active and healthy lifestyle	3.47	3.55	3.39	3.48	3.50	3.52	3.46	3.55
Importance: Valuing learning as a lifelong process	3.69	3.74	3.63	3.73	3.67	3.77	3.68	3.70
Importance: Understanding sustainability as viable/socially just solution	3.35	3.39	3.30	3.45	3.37	3.41	3.34	3.41

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Average Ratings

General Education: NC State Contribution to Development

Mean Rating - Based on a scale of 4=Very much, 3=Somewhat, 2=Very little, 1=Not at all

	NC State	Women	Men	Asian	AfAm	Hispanic	White	Other
Contrib. to Development: An overall general education	3.62	3.66	3.57	3.45	3.66	3.74	3.62	3.51
Contrib. to Development: Understanding the basic concepts in a broad range of disciplines	3.43	3.50	3.37	3.34	3.54	3.53	3.43	3.36
Contrib. to Development: Exploring and synthesizing approaches/views from more than one discipline	3.29	3.33	3.25	3.28	3.39	3.35	3.29	3.13
Contrib. to Development: Formulating and testing hypotheses	3.21	3.20	3.21	3.12	3.23	3.37	3.21	3.07
Contrib. to Development: Acquiring an awareness of new scientific knowledge and discoveries	3.10	3.12	3.08	3.08	3.17	3.22	3.09	3.09
Contrib. to Development: Appreciating the arts	2.77	2.92	2.62	2.87	2.86	2.84	2.75	2.94
Contrib. to Development: Appreciating the humanities	2.98	3.08	2.87	3.01	3.11	3.09	2.96	2.94
Contrib. to Development: Applying social science methods to understand human behavior	2.95	3.08	2.82	3.04	3.10	3.10	2.93	2.85
Contrib. to Development: Applying mathematics skills	3.31	3.23	3.39	3.24	3.32	3.43	3.31	3.10
Contrib. to Development: Understanding how science and technology influence society and everyday life	3.28	3.28	3.27	3.20	3.30	3.44	3.28	3.19
Contrib. to Development: Recognizing and acting on ethical principles	3.27	3.34	3.19	3.16	3.37	3.47	3.26	3.14
Contrib. to Development: Being involved in public and community affairs	2.97	3.13	2.81	3.00	3.30	3.18	2.94	2.94
Contrib. to Development: Developing and sustaining an active and healthy lifestyle	3.00	3.09	2.91	2.82	3.16	3.11	2.99	3.00
Contrib. to Development: Valuing learning as a lifelong process	3.37	3.46	3.29	3.24	3.38	3.50	3.38	3.30
Contrib. to Development: Understanding sustainability as viable/socially just solution	3.15	3.22	3.08	3.14	3.19	3.23	3.15	3.07

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Diversity/Global Awareness

Diversity/Global Awareness: Importance

Mean Rating - Based on a scale of 4=Very important, 3=Somewhat important, 2=Not very important, 1=Not at all important

	NC State	Women	Men	Asian	AfAm	Hispanic	White	Other
Importance: Diversity/global awareness overall	3.41	3.60	3.21	3.54	3.67	3.64	3.36	3.56
Importance: Having a tolerance for different points of views	3.66	3.78	3.54	3.67	3.80	3.73	3.65	3.70
Importance: Understanding diverse cultures and values	3.52	3.71	3.33	3.61	3.73	3.73	3.48	3.66
Importance: Understanding the commonality of human problems through a global perspective	3.40	3.55	3.24	3.51	3.59	3.64	3.36	3.51
Importance: Understanding issues and problems facing the world	3.46	3.59	3.33	3.55	3.58	3.64	3.43	3.58
Importance: Understanding the present as it relates to historical events/processes	3.31	3.37	3.24	3.30	3.53	3.42	3.27	3.58
Importance: Understanding issues associated with racial equity	3.32	3.52	3.12	3.45	3.67	3.49	3.27	3.53
Importance: Understanding issues associated with gender equity	3.26	3.49	3.02	3.33	3.60	3.52	3.21	3.47
Importance: Appreciating differences in sexual orientation	3.12	3.34	2.89	3.29	3.40	3.35	3.06	3.41

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Average Ratings

Diversity/Global Awareness: NC State Contribution to Development

Mean Rating - Based on a scale of 4=Very much, 3=Somewhat, 2=Very little, 1=Not at all

	NC State	Women	Men	Asian	AfAm	Hispanic	White	Other
Contrib. to Development: Diversity/global awareness overall	3.20	3.32	3.08	3.15	3.33	3.41	3.19	3.00
Contrib. to Development: Having a tolerance for different points of views	3.25	3.36	3.14	3.16	3.29	3.38	3.26	3.09
Contrib. to Development: Understanding diverse cultures and values	3.22	3.34	3.10	3.13	3.41	3.35	3.21	3.13
Contrib. to Development: Understanding the commonality of human problems through a global perspective	3.13	3.24	3.02	3.04	3.22	3.33	3.12	3.13
Contrib. to Development: Understanding issues and problems facing the world	3.14	3.24	3.03	3.14	3.18	3.27	3.14	3.02
Contrib. to Development: Understanding the present as it relates to historical events/processes	3.01	3.08	2.95	2.98	3.09	3.23	3.01	2.90
Contrib. to Development: Understanding issues associated with racial equity	2.96	3.05	2.87	3.00	3.01	3.10	2.95	2.82
Contrib. to Development: Understanding issues associated with gender equity	2.94	3.04	2.83	3.00	3.06	3.08	2.92	2.85
Contrib. to Development: Appreciating differences in sexual orientation	2.88	2.99	2.77	2.90	3.02	2.95	2.87	2.77