



| | | First-Year Students | | | | | | | | | | | | | | | | | |
|--|-----------------|----------------------------|-----------|----------------------------|-----------|-----------------|-----------|------------------|-----------|--------------------|-----------|-------------------------|-----------|---------------------|-----------|-----------------------|-----------|------------------|-----------|
| | | Arts and Humanities | | Biological Sciences | | Business | | Education | | Engineering | | Physical Science | | Professional | | Social Science | | Undecided | |
| <i>Question</i> | <i>Variable</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> |
| Asked questions in class or contributed to class discussions | clquest | 2.98 | .83 | 2.78 | .84 | 2.80 | .85 | 2.83 | .83 | 2.63 | .80 | 2.81 | .85 | 2.74 | .84 | 2.89 | .86 | 2.57 | .82 |
| Made a class presentation | clpresen | 2.37 | .81 | 2.17 | .77 | 2.34 | .82 | 2.38 | .82 | 2.16 | .74 | 2.09 | .74 | 2.25 | .84 | 2.25 | .78 | 2.13 | .73 |
| Prepared two or more drafts of a paper or assignment before turning it in | rewropap | 2.57 | .98 | 2.67 | .98 | 2.73 | .96 | 2.73 | .96 | 2.51 | .96 | 2.53 | .99 | 2.79 | .97 | 2.62 | .99 | 2.56 | .96 |
| Worked on a paper or project that required integrating ideas or information from various sources | integrat | 3.11 | .78 | 3.08 | .79 | 3.09 | .78 | 3.12 | .76 | 2.91 | .80 | 2.95 | .81 | 3.10 | .79 | 3.14 | .77 | 2.98 | .78 |
| Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments | divclass | 2.90 | .85 | 2.78 | .86 | 2.78 | .87 | 2.84 | .85 | 2.56 | .89 | 2.67 | .89 | 2.77 | .89 | 2.97 | .85 | 2.75 | .85 |
| Come to class without completing readings or assignments | clunprep | 2.03 | .76 | 1.92 | .74 | 1.97 | .76 | 1.93 | .74 | 2.07 | .76 | 1.96 | .76 | 1.90 | .75 | 2.03 | .75 | 2.08 | .76 |
| Worked with other students on projects during class | classgrp | 2.39 | .83 | 2.39 | .85 | 2.41 | .84 | 2.44 | .83 | 2.56 | .84 | 2.38 | .84 | 2.43 | .86 | 2.34 | .84 | 2.31 | .80 |
| Worked with classmates outside of class to prepare class assignments | occgrp | 2.32 | .85 | 2.54 | .88 | 2.40 | .89 | 2.36 | .86 | 2.75 | .86 | 2.47 | .88 | 2.41 | .90 | 2.34 | .85 | 2.26 | .80 |
| Put together ideas or concepts from different courses when completing assignments or during class discussions | intideas | 2.73 | .83 | 2.65 | .81 | 2.61 | .81 | 2.63 | .80 | 2.61 | .78 | 2.60 | .81 | 2.60 | .83 | 2.75 | .82 | 2.49 | .79 |



**National Survey
of Student Engagement**

**NSSE 2008 Grand Means
Means and Standard Deviations by Majors**

| | | First-Year Students | | | | | | | | | | | | | | | | | |
|--|-----------------|----------------------------|-----------|----------------------------|-----------|-----------------|-----------|------------------|-----------|--------------------|-----------|-------------------------|-----------|---------------------|-----------|-----------------------|-----------|------------------|-----------|
| | | Arts and Humanities | | Biological Sciences | | Business | | Education | | Engineering | | Physical Science | | Professional | | Social Science | | Undecided | |
| <i>Question</i> | <i>Variable</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> |
| Tutored or taught other students (paid or voluntary) | tutor | 1.63 | .82 | 1.85 | .89 | 1.69 | .84 | 1.72 | .88 | 1.97 | .90 | 2.07 | .95 | 1.66 | .83 | 1.67 | .83 | 1.49 | .73 |
| Participated in a community-based project (e.g., service learning) as part of a regular course | commproj | 1.51 | .80 | 1.61 | .86 | 1.61 | .84 | 1.74 | .90 | 1.51 | .76 | 1.51 | .79 | 1.59 | .83 | 1.61 | .86 | 1.49 | .77 |
| Used an electronic medium (listserv, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment | itacadem | 2.58 | 1.03 | 2.63 | 1.04 | 2.62 | 1.02 | 2.58 | 1.02 | 2.68 | 1.02 | 2.58 | 1.03 | 2.57 | 1.06 | 2.59 | 1.03 | 2.46 | 1.01 |
| Used e-mail to communicate with an instructor | email | 3.13 | .81 | 3.12 | .82 | 3.12 | .81 | 3.21 | .78 | 2.93 | .84 | 3.02 | .85 | 3.14 | .82 | 3.18 | .80 | 3.00 | .82 |
| Discussed grades or assignments with an instructor | facgrade | 2.62 | .86 | 2.63 | .88 | 2.62 | .88 | 2.69 | .88 | 2.50 | .85 | 2.56 | .87 | 2.67 | .89 | 2.63 | .89 | 2.42 | .86 |
| Talked about career plans with a faculty member or advisor | facplans | 2.17 | .90 | 2.29 | .90 | 2.11 | .89 | 2.36 | .89 | 2.06 | .87 | 2.21 | .89 | 2.28 | .89 | 2.19 | .91 | 1.98 | .84 |
| Discussed ideas from your readings or classes with faculty members outside of class | facideas | 1.99 | .91 | 1.95 | .91 | 1.86 | .89 | 1.89 | .90 | 1.85 | .87 | 1.92 | .87 | 1.87 | .90 | 1.98 | .93 | 1.76 | .82 |
| Received prompt written or oral feedback from faculty on your academic performance | facfeed | 2.75 | .82 | 2.65 | .85 | 2.65 | .84 | 2.72 | .82 | 2.50 | .82 | 2.67 | .83 | 2.64 | .85 | 2.71 | .84 | 2.55 | .80 |



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| | | Arts and Humanities | | Biological Sciences | | Business | | Education | | Engineering | | Physical Science | | Professional | | Social Science | | Undecided | |
| <i>Question</i> | <i>Variable</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> |
| Worked harder than you thought you could to meet an instructor's standards or expectations | workhard | 2.65 | .86 | 2.70 | .86 | 2.67 | .83 | 2.73 | .81 | 2.54 | .85 | 2.59 | .88 | 2.77 | .83 | 2.64 | .86 | 2.49 | .82 |
| Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.) | facother | 1.67 | .87 | 1.67 | .87 | 1.64 | .86 | 1.67 | .87 | 1.58 | .80 | 1.66 | .85 | 1.59 | .84 | 1.67 | .88 | 1.50 | .75 |
| Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.) | oocideas | 2.84 | .87 | 2.76 | .86 | 2.63 | .86 | 2.70 | .86 | 2.60 | .84 | 2.71 | .86 | 2.68 | .88 | 2.85 | .87 | 2.56 | .85 |
| Had serious conversations with students of a different race or ethnicity than your own | divrstud | 2.75 | 1.00 | 2.68 | 1.01 | 2.52 | 1.01 | 2.52 | 1.00 | 2.63 | .99 | 2.63 | 1.01 | 2.52 | 1.01 | 2.77 | 1.01 | 2.48 | 1.02 |
| Had serious conversations with students who are very different from you in terms of their religious beliefs, political opinions, or personal values | diffstu2 | 2.90 | .95 | 2.78 | .96 | 2.59 | .99 | 2.65 | .98 | 2.69 | .96 | 2.77 | .96 | 2.58 | .99 | 2.90 | .96 | 2.59 | .98 |



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| <i>Question</i> | <i>Variable</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> |
| Memorizing facts, ideas, or methods from your courses and readings so you can repeat them in pretty much the same form | memorize | 2.79 | .90 | 3.07 | .85 | 2.89 | .85 | 2.89 | .85 | 2.80 | .86 | 2.85 | .88 | 3.10 | .84 | 2.89 | .87 | 2.84 | .84 |
| Analyzing the basic elements of an idea, experience, or theory, such as examining a particular case or situation in depth and considering its components | analyze | 3.19 | .77 | 3.23 | .75 | 3.06 | .77 | 3.05 | .77 | 3.15 | .75 | 3.21 | .75 | 3.11 | .78 | 3.21 | .75 | 2.97 | .78 |
| Synthesizing and organizing ideas, information, or experiences into new, more complex interpretations and relationships | synthesz | 2.97 | .84 | 3.02 | .83 | 2.83 | .83 | 2.87 | .83 | 2.90 | .83 | 2.96 | .84 | 2.91 | .85 | 2.97 | .83 | 2.73 | .84 |
| Making judgments about the value of information, arguments, or methods, such as examining how others gathered and interpreted data and assessing the soundness of their conclusions | evaluate | 2.95 | .86 | 2.95 | .85 | 2.89 | .83 | 2.91 | .84 | 2.83 | .86 | 2.87 | .87 | 2.92 | .86 | 3.00 | .85 | 2.77 | .85 |
| Applying theories or concepts to practical problems or in new situations | applying | 2.99 | .85 | 3.18 | .81 | 3.01 | .82 | 3.02 | .83 | 3.18 | .81 | 3.19 | .82 | 3.07 | .84 | 3.06 | .84 | 2.82 | .86 |
| Mark the box that best represents the extent to which your examinations during the current school year challenged you to do your best work. | exams | 5.27 | 1.22 | 5.66 | 1.14 | 5.41 | 1.18 | 5.41 | 1.11 | 5.55 | 1.19 | 5.47 | 1.19 | 5.64 | 1.15 | 5.38 | 1.18 | 5.26 | 1.21 |



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| Number of assigned textbooks, books, or book-length packs of course readings | readasgn | 3.37 | .97 | 3.29 | .91 | 3.20 | .91 | 3.29 | .92 | 2.99 | .85 | 3.24 | .91 | 3.24 | .95 | 3.46 | .92 | 3.26 | .94 |
| Number of books read on your own (not assigned) for personal enjoyment or academic enrichment | readown | 2.30 | 1.00 | 2.10 | .91 | 1.95 | .87 | 2.06 | .93 | 1.96 | .86 | 2.09 | .95 | 2.00 | .92 | 2.16 | .93 | 1.97 | .89 |
| Number of written papers or reports of 20 pages or more | writemor | 1.22 | .60 | 1.25 | .65 | 1.30 | .71 | 1.24 | .64 | 1.27 | .66 | 1.19 | .56 | 1.28 | .70 | 1.27 | .68 | 1.20 | .58 |
| Number of written papers or reports between 5 and 19 pages | writemid | 2.34 | .85 | 2.32 | .85 | 2.27 | .82 | 2.30 | .84 | 2.12 | .80 | 2.20 | .81 | 2.24 | .83 | 2.43 | .84 | 2.26 | .79 |
| Number of written papers or reports of fewer than 5 pages | writesml | 3.15 | 1.04 | 3.01 | 1.03 | 3.05 | 1.05 | 3.12 | 1.02 | 2.87 | 1.03 | 3.00 | 1.03 | 2.92 | 1.02 | 3.14 | 1.03 | 3.11 | 1.02 |
| Number of problem sets (problem-based homework assignments) that take you MORE than an hour to complete | probseta | 2.52 | 1.14 | 2.85 | 1.13 | 2.70 | 1.10 | 2.62 | 1.08 | 3.07 | 1.10 | 2.93 | 1.14 | 2.76 | 1.13 | 2.55 | 1.10 | 2.52 | 1.06 |
| Number of problem sets that take you less than an hour to complete | probsetb | 2.58 | 1.18 | 2.77 | 1.22 | 2.89 | 1.19 | 2.84 | 1.16 | 2.80 | 1.23 | 2.77 | 1.21 | 2.75 | 1.21 | 2.67 | 1.19 | 2.67 | 1.16 |
| Attended an art exhibit, play, dance, music, theater, or other performance | atdart07 | 2.68 | .99 | 2.16 | .88 | 2.09 | .88 | 2.35 | .98 | 1.97 | .82 | 2.17 | .89 | 2.07 | .89 | 2.27 | .90 | 2.17 | .86 |



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| <i>Question</i> | <i>Variable</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> |
| Exercised or participated in physical fitness activities | exrcse05 | 2.66 | 1.04 | 2.86 | 1.03 | 2.86 | 1.04 | 2.77 | 1.03 | 2.90 | 1.01 | 2.82 | 1.03 | 2.73 | 1.05 | 2.78 | 1.03 | 2.78 | 1.04 |
| Participated in activities to enhance your spirituality (worship, meditation, prayer, etc.) | worshp05 | 2.09 | 1.14 | 2.07 | 1.11 | 2.01 | 1.06 | 2.24 | 1.15 | 2.02 | 1.10 | 2.05 | 1.12 | 2.12 | 1.11 | 2.03 | 1.10 | 1.90 | 1.04 |
| Examined the strengths and weaknesses of your own views on a topic or issue | ownview | 2.80 | .88 | 2.60 | .88 | 2.53 | .87 | 2.58 | .88 | 2.52 | .88 | 2.59 | .89 | 2.49 | .88 | 2.79 | .87 | 2.49 | .86 |
| Tried to better understand someone else's views by imagining how an issue looks from his or her perspective | othrview | 2.92 | .85 | 2.78 | .84 | 2.70 | .86 | 2.74 | .85 | 2.65 | .87 | 2.73 | .87 | 2.69 | .85 | 2.96 | .84 | 2.68 | .85 |
| Learned something that changed the way you understand an issue or concept | chnghview | 2.98 | .83 | 2.89 | .82 | 2.79 | .82 | 2.85 | .82 | 2.73 | .83 | 2.82 | .84 | 2.81 | .82 | 3.00 | .82 | 2.75 | .82 |
| Practicum, internship, field experience, co-op experience, or clinical assignment | intern04 | .08 | .27 | .08 | .27 | .07 | .26 | .15 | .35 | .07 | .25 | .06 | .24 | .07 | .26 | .07 | .25 | .03 | .18 |
| Community service or volunteer work | volntr04 | .35 | .48 | .43 | .50 | .37 | .48 | .44 | .50 | .33 | .47 | .38 | .49 | .39 | .49 | .43 | .49 | .31 | .46 |
| Participate in a learning community or some other formal program where groups of students take two or more classes together | lrncom04 | .17 | .37 | .18 | .38 | .14 | .35 | .17 | .38 | .19 | .39 | .15 | .36 | .16 | .37 | .16 | .37 | .13 | .33 |

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| <i>Question</i> | <i>Variable</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> |
| Work on a research project with a faculty member outside of course or program requirements | resrch04 | .05 | .21 | .06 | .25 | .05 | .22 | .05 | .23 | .05 | .22 | .06 | .24 | .05 | .22 | .05 | .22 | .03 | .18 |
| Foreign language coursework | forlng04 | .30 | .46 | .25 | .43 | .20 | .40 | .18 | .39 | .12 | .33 | .24 | .43 | .16 | .37 | .33 | .47 | .23 | .42 |
| Study abroad | stdabr04 | .03 | .16 | .03 | .16 | .04 | .20 | .02 | .14 | .03 | .16 | .02 | .15 | .02 | .15 | .03 | .17 | .02 | .12 |
| Independent study or self-designed major | indstd04 | .04 | .19 | .04 | .19 | .04 | .20 | .04 | .20 | .03 | .17 | .04 | .18 | .04 | .20 | .04 | .19 | .02 | .12 |
| Culminating senior experience (capstone course, senior project or thesis, comprehensive exam, etc.) | snrx04 | .02 | .13 | .02 | .14 | .02 | .14 | .02 | .12 | .02 | .13 | .02 | .12 | .02 | .14 | .02 | .13 | .01 | .10 |
| Relationships with: Other Students | envstu | 5.39 | 1.48 | 5.57 | 1.37 | 5.51 | 1.39 | 5.60 | 1.37 | 5.52 | 1.35 | 5.52 | 1.39 | 5.57 | 1.36 | 5.43 | 1.44 | 5.24 | 1.51 |
| Relationships with: Faculty Members | envfac | 5.35 | 1.30 | 5.25 | 1.35 | 5.15 | 1.35 | 5.27 | 1.33 | 5.01 | 1.34 | 5.37 | 1.29 | 5.16 | 1.37 | 5.26 | 1.31 | 4.96 | 1.38 |
| Relationships with: Administrative Personnel and Offices | envadm | 4.57 | 1.56 | 4.72 | 1.53 | 4.72 | 1.56 | 4.72 | 1.53 | 4.61 | 1.50 | 4.72 | 1.51 | 4.69 | 1.55 | 4.61 | 1.55 | 4.49 | 1.54 |
| Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities) | acadpr01 | 4.10 | 1.64 | 4.51 | 1.70 | 3.85 | 1.50 | 3.92 | 1.52 | 4.34 | 1.68 | 4.40 | 1.71 | 4.24 | 1.68 | 4.05 | 1.58 | 3.73 | 1.48 |
| Working for pay on campus | workon01 | 1.57 | 1.20 | 1.52 | 1.19 | 1.52 | 1.26 | 1.51 | 1.18 | 1.48 | 1.23 | 1.59 | 1.26 | 1.44 | 1.14 | 1.62 | 1.30 | 1.46 | 1.13 |
| Working for pay off campus | workof01 | 2.11 | 2.01 | 2.07 | 1.97 | 2.83 | 2.57 | 2.64 | 2.38 | 2.02 | 1.97 | 2.07 | 2.04 | 2.74 | 2.46 | 2.25 | 2.17 | 2.20 | 2.06 |



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| Participating in co-curricular activities (organizations, campus publications, student government, social fraternity or sorority, intercollegiate or intramural sports, etc.) | cocurr01 | 2.20 | 1.50 | 2.35 | 1.54 | 2.31 | 1.64 | 2.25 | 1.58 | 2.35 | 1.50 | 2.31 | 1.51 | 2.01 | 1.39 | 2.34 | 1.58 | 2.20 | 1.54 |
| Relaxing and socializing (watching TV, partying, etc.) | social05 | 3.82 | 1.66 | 3.65 | 1.61 | 3.86 | 1.68 | 3.63 | 1.60 | 3.83 | 1.67 | 3.82 | 1.70 | 3.49 | 1.53 | 3.79 | 1.66 | 4.05 | 1.73 |
| Providing care for dependents living with you (parents, children, spouse, etc.) | carede01 | 1.48 | 1.27 | 1.56 | 1.37 | 1.96 | 1.88 | 2.00 | 1.97 | 1.50 | 1.22 | 1.48 | 1.25 | 2.11 | 2.04 | 1.67 | 1.61 | 1.58 | 1.33 |
| Commuting to class (driving, walking, etc.) | commute | 2.17 | .99 | 2.27 | 1.15 | 2.25 | 1.08 | 2.24 | 1.08 | 2.31 | 1.01 | 2.17 | .96 | 2.37 | 1.18 | 2.18 | 1.05 | 2.18 | .96 |
| Spending significant amounts of time studying and on academic work | envschol | 3.08 | .78 | 3.28 | .74 | 3.12 | .75 | 3.15 | .74 | 3.22 | .74 | 3.18 | .76 | 3.27 | .72 | 3.12 | .77 | 3.05 | .78 |
| Providing the support you need to help you succeed academically | envsuprt | 3.06 | .80 | 3.15 | .79 | 3.07 | .79 | 3.10 | .79 | 3.09 | .79 | 3.13 | .79 | 3.10 | .81 | 3.11 | .80 | 2.96 | .82 |
| Encouraging contact among students from different economic, social, and racial or ethnic backgrounds | envdivrs | 2.73 | .97 | 2.73 | .98 | 2.69 | .96 | 2.72 | .96 | 2.68 | .95 | 2.65 | .97 | 2.70 | .97 | 2.74 | .98 | 2.62 | .95 |
| Helping you cope with your non-academic responsibilities (work, family, etc.) | envnacad | 2.22 | .95 | 2.28 | .96 | 2.28 | .96 | 2.34 | .96 | 2.22 | .93 | 2.24 | .94 | 2.26 | .98 | 2.28 | .96 | 2.19 | .93 |



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| <i>Question</i> | <i>Variable</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> |
| Providing the support you need to thrive socially | envsocial | 2.47 | .93 | 2.53 | .94 | 2.51 | .93 | 2.56 | .93 | 2.45 | .91 | 2.47 | .92 | 2.50 | .95 | 2.49 | .94 | 2.40 | .93 |
| Attending campus events and activities (special speakers, cultural performances, athletic events, etc.) | envevent | 2.93 | .89 | 2.94 | .89 | 2.78 | .96 | 2.87 | .95 | 2.80 | .89 | 2.90 | .90 | 2.79 | .96 | 2.92 | .91 | 2.79 | .90 |
| Using computers in academic work | envcompt | 3.27 | .80 | 3.35 | .77 | 3.35 | .78 | 3.32 | .78 | 3.38 | .75 | 3.29 | .79 | 3.33 | .78 | 3.33 | .78 | 3.22 | .80 |
| Acquiring a broad general education | gnngenled | 3.18 | .80 | 3.29 | .74 | 3.21 | .77 | 3.25 | .75 | 3.07 | .79 | 3.20 | .78 | 3.22 | .77 | 3.29 | .76 | 3.11 | .81 |
| Acquiring job or work-related knowledge and skills | gnwork | 2.72 | .96 | 2.75 | .93 | 2.87 | .92 | 2.92 | .92 | 2.90 | .93 | 2.74 | .94 | 2.86 | .94 | 2.73 | .95 | 2.46 | .93 |
| Writing clearly and effectively | gnwrite | 3.03 | .88 | 3.02 | .87 | 3.05 | .83 | 3.11 | .81 | 2.80 | .89 | 2.90 | .90 | 3.07 | .84 | 3.09 | .85 | 2.91 | .86 |
| Speaking clearly and effectively | gnspeak | 2.83 | .93 | 2.81 | .94 | 2.92 | .88 | 2.97 | .87 | 2.65 | .93 | 2.70 | .95 | 2.90 | .90 | 2.87 | .93 | 2.65 | .92 |
| Thinking critically and analytically | gnanaly | 3.22 | .80 | 3.29 | .76 | 3.19 | .78 | 3.22 | .76 | 3.25 | .78 | 3.25 | .79 | 3.23 | .77 | 3.29 | .77 | 3.06 | .82 |
| Analyzing quantitative problems | gnquant | 2.72 | .93 | 3.17 | .80 | 2.99 | .84 | 2.94 | .87 | 3.26 | .77 | 3.24 | .80 | 3.02 | .84 | 2.93 | .89 | 2.71 | .89 |
| Using computing and information technology | gncmpts | 2.87 | .93 | 3.05 | .89 | 3.13 | .85 | 3.07 | .86 | 3.26 | .82 | 3.04 | .90 | 3.08 | .87 | 2.96 | .92 | 2.82 | .90 |
| Working effectively with others | gnothers | 2.92 | .90 | 3.01 | .87 | 3.03 | .86 | 3.08 | .85 | 3.05 | .85 | 2.92 | .89 | 3.06 | .85 | 2.96 | .90 | 2.80 | .88 |
| Voting in local, state, or national elections | gncitizn | 2.22 | 1.05 | 2.24 | 1.05 | 2.25 | 1.05 | 2.26 | 1.05 | 2.10 | 1.01 | 2.15 | 1.03 | 2.20 | 1.06 | 2.41 | 1.09 | 2.16 | 1.01 |
| Learning effectively on your own | gninq | 2.92 | .88 | 3.05 | .85 | 2.96 | .84 | 2.99 | .83 | 2.93 | .86 | 2.94 | .86 | 3.02 | .83 | 3.00 | .86 | 2.78 | .85 |
| Understanding yourself | gnself | 2.83 | .98 | 2.83 | .96 | 2.82 | .94 | 2.88 | .93 | 2.67 | .98 | 2.75 | .96 | 2.84 | .95 | 2.87 | .96 | 2.64 | .95 |
| Understanding people of other racial and ethnic backgrounds | gndivers | 2.69 | .97 | 2.69 | .96 | 2.68 | .96 | 2.74 | .94 | 2.53 | .96 | 2.56 | .96 | 2.68 | .97 | 2.77 | .98 | 2.57 | .92 |
| Solving complex real-world problems | gnprobsv | 2.60 | .95 | 2.71 | .92 | 2.71 | .91 | 2.70 | .92 | 2.83 | .90 | 2.71 | .92 | 2.69 | .93 | 2.74 | .93 | 2.46 | .91 |
| Developing a personal code of values and ethics | gnethics | 2.67 | 1.02 | 2.72 | .99 | 2.73 | .96 | 2.76 | .96 | 2.61 | 1.00 | 2.63 | .98 | 2.72 | .97 | 2.76 | 1.00 | 2.53 | .96 |



| | | First-Year Students | | | | | | | | | | | | | | | | | |
|---|-----------------|----------------------------|-----------|----------------------------|-----------|-----------------|-----------|------------------|-----------|--------------------|-----------|-------------------------|-----------|---------------------|-----------|-----------------------|-----------|------------------|-----------|
| | | Arts and Humanities | | Biological Sciences | | Business | | Education | | Engineering | | Physical Science | | Professional | | Social Science | | Undecided | |
| <i>Question</i> | <i>Variable</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> | <i>Mean</i> | <i>SD</i> |
| Contributing to the welfare of your community | gncommun | 2.44 | .99 | 2.56 | .99 | 2.47 | .98 | 2.55 | .98 | 2.37 | .97 | 2.42 | .96 | 2.49 | .98 | 2.58 | 1.00 | 2.31 | .96 |
| Developing a deepened sense of spirituality | gnspirit | 2.10 | 1.11 | 2.16 | 1.09 | 2.20 | 1.08 | 2.28 | 1.10 | 2.01 | 1.05 | 2.04 | 1.07 | 2.24 | 1.09 | 2.14 | 1.11 | 1.99 | 1.02 |
| Overall, how would you evaluate the quality of academic advising you have received at your institution? | advise | 2.99 | .85 | 3.02 | .82 | 3.02 | .83 | 3.08 | .82 | 3.00 | .84 | 3.03 | .83 | 3.01 | .84 | 2.98 | .85 | 2.86 | .86 |
| How would you evaluate your entire educational experience at this institution? | entirexp | 3.22 | .73 | 3.23 | .70 | 3.19 | .70 | 3.25 | .68 | 3.20 | .72 | 3.25 | .72 | 3.18 | .70 | 3.22 | .72 | 3.04 | .75 |
| If you could start over again, would you go to the same institution you are now attending? | samecoll | 3.24 | .83 | 3.23 | .81 | 3.22 | .81 | 3.32 | .79 | 3.28 | .78 | 3.26 | .80 | 3.22 | .81 | 3.21 | .84 | 3.05 | .87 |