

D.E. McGhee. *Senior Survey 2004: Descriptive Statistics and Gender Differences*. OEA Reports, 05-01, 2005.

Response Frequency Tables

Gender

| | <i>n</i> | % |
|---------|----------|------|
| Male | 829 | 39.1 |
| Female | 1292 | 60.9 |
| Missing | 11 | |

Age

| | |
|----------|------|
| Mean | 23.8 |
| SD | 5.4 |
| Minimum | 18 |
| Maximum | 67 |
| <i>n</i> | 2103 |

Race/Ethnicity

| | <i>n</i> | % |
|------------------------------------|----------|------|
| African American | 43 | 2.0 |
| Native American | 41 | 1.9 |
| White American | 1460 | 68.5 |
| Hispanic/Latino American | 65 | 3.0 |
| Asian American | 415 | 19.5 |
| Hawaiian/Pacific Islander American | 52 | 2.4 |
| International Student | 59 | 2.8 |
| Other | 115 | 5.4 |
| Missing | 49 | 2.3 |
| Total | 2306 | |

2. Did you enter the UW with transfer credits?

| | <i>n</i> | % |
|-------------------------|----------|------|
| No | 772 | 37.7 |
| Yes, 1-29 credits | 356 | 17.4 |
| Yes, 30-89 credits | 265 | 12.9 |
| Yes, 90 or more credits | 657 | 32.0 |
| Total | 2050 | |

3. Did you earn a post-secondary degree prior to attending the UW?

| | <i>n</i> | % |
|------------------------|----------|------|
| No | 1402 | 66.3 |
| Yes, AA degree | 600 | 28.4 |
| Yes, Bachelor's degree | 79 | 3.7 |
| Yes, Master's degree | 35 | 1.7 |

4. While you were enrolled in UW classes, how many hours per week did you work for wages, on average, as a:

| | Freshman | Sophomore | Junior | Senior |
|--------------------------------|---------------|---------------|---------------|---------------|
| None | 567 (46.5) | 376 (28.4) | 460 (23.1) | 423 (21.8) |
| 1-10 hrs | 206 (16.9) | 243 (18.4) | 301 (15.1) | 304 (15.6) |
| 11-19 hrs | 186 (15.3) | 286 (21.6) | 406 (20.4) | 400 (20.6) |
| 20 hrs | 139 (11.4) | 210 (15.9) | 332 (16.7) | 322 (16.6) |
| 21-30 hrs | 73 (6.0) | 130 (9.8) | 300 (15.1) | 293 (15.1) |
| 31-39 hrs | 16 (1.3) | 24 (1.8) | 75 (3.8) | 74 (3.8) |
| 40 hrs | 27 (2.2) | 46 (3.5) | 94 (4.7) | 96 (4.9) |
| 41+ hrs | 5 (.4) | 8 (.6) | 21 (1.1) | 32 (1.6) |
| <i>n</i> | 1219 | 1323 | 1989 | 1944 |
| Mean hours worked per week | 9.1 | 12.9 | 15.4 | 15.9 |
| Number not then enrolled at UW | 796 | 694 | 56 | N/A |

5. What is the highest degree you expect to earn in your lifetime?

| | <i>n</i> | % |
|-----------------------------------|----------|------|
| Bachelor's degree | 350 | 16.6 |
| Master's degree | 979 | 46.4 |
| Medical degree (MD, DO, DDS, DVM) | 129 | 6.1 |
| Law degree (LLB, JD) | 178 | 8.4 |
| PhD or EdD | 436 | 20.7 |
| Other | 37 | 1.8 |

6. With regard to each of the following, how satisfied are you with the undergraduate education you received at the UW?

| | Not at all | Little | Somewhat | Mostly | Very | <i>n</i> | <i>M</i> |
|---|---------------|---------------|---------------|----------------|---------------|----------|----------|
| Quality of instruction in your major field | 21 (1.0) | 53 (2.5) | 319 (15.1) | 1099 (52.0) | 621 (29.4) | 2113 | 4.1 |
| Quality of instruction outside of your field | 25 (1.2) | 133 (6.3) | 681 (32.5) | 1072 (51.1) | 187 (8.9) | 2098 | 3.6 |
| Quality of library services | 7 (.3) | 32 (1.5) | 235 (11.3) | 825 (39.5) | 989 (47.4) | 2088 | 4.3 |
| Quality of academic experiences outside the classroom | 55 (2.7) | 220 (10.6) | 641 (31.0) | 773 (37.4) | 379 (18.3) | 2068 | 3.6 |
| Interaction with faculty outside of the classroom | 90 (4.3) | 396 (18.9) | 628 (30.0) | 672 (32.1) | 305 (14.6) | 2091 | 3.3 |
| Assistance by faculty in pursuing your career | 235 (11.3) | 517 (24.8) | 569 (27.3) | 504 (24.2) | 257 (12.3) | 2082 | 3.0 |
| Assistance in finding employment | 321 (15.9) | 556 (27.5) | 646 (32.0) | 365 (18.1) | 131 (6.5) | 2019 | 2.7 |
| Advising and other student activities | 142 (6.8) | 384 (18.4) | 673 (32.2) | 647 (30.9) | 245 (11.7) | 2091 | 3.2 |
| Quality of extracurricular/social experiences | 133 (6.5) | 292 (14.2) | 603 (29.3) | 651 (31.7) | 377 (18.3) | 2056 | 3.4 |

**7. How well did your University of Washington experience prepare you for:
(1 = Not at all, 5 = Very)**

| | Not at all | Little | Somewhat | Mostly | Very | <i>n</i> | <i>M</i> |
|-------------------------|--------------|---------------|---------------|---------------|---------------|----------|----------|
| Graduate school | 65 (3.2) | 157 (7.7) | 644 (31.6) | 836 (41.1) | 334 (16.4) | 2036 | 3.6 |
| Your future career | 64 (3.1) | 262 (12.6) | 708 (34.0) | 777 (37.3) | 270 (13.0) | 2081 | 3.4 |
| Everyday life | 115 (5.5) | 311 (15.0) | 653 (31.4) | 669 (32.2) | 331 (15.9) | 2079 | 3.4 |
| Contributing to society | 87 (4.2) | 265 (12.7) | 631 (30.4) | 737 (35.4) | 359 (17.3) | 2079 | 3.5 |
| Life-long learning | 55 (2.6) | 142 (6.8) | 533 (25.6) | 787 (37.8) | 565 (27.1) | 2082 | 3.8 |

**8. Rate the extent to which you agree or disagree with each of the following statements.
(1 = Strongly disagree, 5 = Strongly agree)**

| | Strongly disagree | Disagree | Neutral | Agree | Strongly agree | <i>n</i> | <i>M</i> |
|---|-------------------|---------------|---------------|----------------|----------------|----------|----------|
| I have felt a part of the UW community. | 98 (4.6) | 261 (12.4) | 714 (33.9) | 794 (37.6) | 242 (11.5) | 2109 | 3.4 |
| I have found my UW experience to be positive. | 32 (1.5) | 97 (4.6) | 386 (18.3) | 1082 (51.4) | 509 (24.2) | 2106 | 3.9 |
| If I had to make my college choice over again, I would choose UW. | 108 (5.1) | 219 (10.4) | 446 (21.2) | 725 (34.4) | 608 (28.9) | 2106 | 3.7 |

9. While attending the UW, how many hours each month, on average, have you devoted to volunteer work or a community action program?

| | <i>n</i> | % |
|---------------|----------|------|
| None | 788 | 38.3 |
| 1 to 3 hours | 535 | 26.0 |
| 4 to 6 hours | 274 | 13.3 |
| 7 to 10 hours | 179 | 8.7 |
| Over 10 hours | 282 | 13.7 |

10. Rate yourself on each of the following abilities. We want your most accurate estimate on how you see yourself. (1 = Poor, 5 = Excellent)

| | Poor | Fair | Good | Very good | Excellent | <i>n</i> | <i>M</i> |
|---|---------------|---------------|---------------|---------------|---------------|----------|----------|
| Writing effectively | 24 (1.2) | 147 (7.1) | 545 (26.3) | 874 (42.2) | 482 (23.3) | 2072 | 3.8 |
| Speaking effectively | 51 (2.5) | 277 (13.5) | 795 (38.6) | 649 (31.5) | 286 (13.9) | 2058 | 3.4 |
| Critically analyzing written information | 22 (1.1) | 153 (7.5) | 611 (30.0) | 850 (41.8) | 398 (19.6) | 2034 | 3.7 |
| Defining and solving problems | 8 (.4) | 89 (4.4) | 583 (28.9) | 922 (45.7) | 415 (20.6) | 2017 | 3.8 |
| Working and or learning independently | 10 (.5) | 62 (3.1) | 326 (16.1) | 783 (38.7) | 844 (41.7) | 2025 | 4.2 |
| Working cooperatively in a group | 13 (.6) | 119 (5.9) | 592 (29.3) | 813 (40.3) | 482 (23.9) | 2019 | 3.8 |
| Using a foreign language | 392 (19.5) | 552 (27.4) | 467 (23.2) | 306 (15.2) | 295 (14.7) | 2012 | 2.8 |
| Understanding and appreciating the arts | 99 (5.0) | 355 (17.8) | 556 (27.8) | 525 (26.3) | 465 (23.3) | 2000 | 3.5 |
| Understanding applying scientific principles or methods | 88 (4.4) | 352 (17.6) | 638 (32.0) | 559 (28.0) | 359 (18.0) | 1996 | 3.4 |
| Understanding/applying quantitative principles/methods | 91 (4.6) | 346 (17.4) | 675 (34.0) | 572 (28.8) | 299 (15.1) | 1983 | 3.3 |
| Understanding appreciating diverse philosophies and cultures | 39 (1.9) | 180 (9.0) | 510 (25.4) | 725 (36.1) | 552 (27.5) | 2006 | 3.8 |
| Understanding interaction of society and environment | 36 (1.8) | 171 (8.6) | 611 (30.7) | 728 (36.6) | 442 (22.2) | 1988 | 3.7 |
| Working effectively with modern tech especially computers | 18 (.9) | 166 (8.3) | 526 (26.3) | 667 (33.4) | 622 (31.1) | 1999 | 3.9 |
| Locating information needed to make decision or solve problem | 11 (.6) | 88 (4.4) | 537 (26.9) | 803 (40.3) | 556 (27.9) | 1995 | 3.9 |
| Using the knowledge, ideas or perspectives gained from your major | 7 (.4) | 71 (3.6) | 388 (19.4) | 884 (44.2) | 649 (32.5) | 1999 | 4.0 |
| Using knowledge gained from outside of your major field | 17 (.9) | 105 (5.3) | 644 (32.3) | 808 (40.5) | 420 (21.1) | 1994 | 3.8 |
| Using management or leadership capabilities | 35 (1.8) | 235 (11.8) | 587 (29.5) | 683 (34.3) | 453 (22.7) | 1993 | 3.6 |
| Recognizing rights, responsibilities, privileges as citizen | 27 (1.4) | 150 (7.5) | 565 (28.3) | 678 (33.9) | 578 (28.9) | 1998 | 3.8 |

**11. How important are each of these abilities to your academic work and success at UW?
(1 = Not important, 5 = Essential)**

| | Not import. | Somewhat | Important | Very | Essential | <i>n</i> | <i>M</i> |
|--|----------------|---------------|---------------|---------------|---------------|----------|----------|
| Writing effectively | 10 (.5) | 103 (5.1) | 335 (16.5) | 690 (33.9) | 898 (44.1) | 2036 | 4.2 |
| Speaking effectively | 50 (2.5) | 196 (9.7) | 378 (18.7) | 686 (33.9) | 711 (35.2) | 2021 | 3.9 |
| Critically analyzing written information | 8 (.4) | 74 (3.7) | 377 (18.9) | 745 (37.4) | 788 (39.6) | 1992 | 4.1 |
| Defining and solving problems | 8 (.4) | 62 (3.1) | 361 (18.3) | 752 (38.1) | 791 (40.1) | 1974 | 4.1 |
| Working and or learning independently | 8 (.4) | 67 (3.4) | 350 (17.7) | 693 (35.0) | 860 (43.5) | 1978 | 4.2 |
| Working cooperatively in a group | 29 (1.5) | 169 (8.6) | 480 (24.3) | 619 (31.4) | 677 (34.3) | 1974 | 3.9 |
| Using a foreign language | 462 (23.4) | 556 (28.2) | 487 (24.7) | 257 (13.0) | 212 (10.7) | 1974 | 2.6 |
| Understanding and appreciating the arts | 429 (21.9) | 568 (29.1) | 476 (24.3) | 254 (13.0) | 228 (11.7) | 1955 | 2.6 |
| Understanding/applying scientific principles or methods | 131 (6.7) | 337 (17.3) | 572 (29.3) | 463 (23.7) | 450 (23.0) | 1953 | 3.4 |
| Understanding/applying quantitative principles/methods | 94 (4.8) | 278 (14.3) | 647 (33.3) | 533 (27.4) | 391 (20.1) | 1943 | 3.4 |
| Understanding appreciating diverse philosophies and cultures | 122 (6.2) | 310 (15.8) | 490 (24.9) | 481 (24.5) | 561 (28.6) | 1964 | 3.5 |
| Understanding interaction of society and environment | 133 (6.8) | 285 (14.7) | 568 (29.2) | 517 (26.6) | 439 (22.6) | 1942 | 3.4 |
| Working effectively with modern tech especially computers | 19 (1.0) | 63 (3.2) | 334 (17.0) | 646 (32.9) | 899 (45.8) | 1961 | 4.2 |
| Locating information needed to make decision or solve problem | 7 (.4) | 56 (2.9) | 347 (17.7) | 704 (36.0) | 844 (43.1) | 1958 | 4.2 |
| Using knowledge, ideas or perspectives gained from your major | 11 (.6) | 53 (2.7) | 362 (18.5) | 710 (36.3) | 820 (41.9) | 1956 | 4.2 |
| Using knowledge gained from outside of your major field | 40 (2.0) | 180 (9.2) | 605 (30.9) | 685 (35.0) | 448 (22.9) | 1958 | 3.7 |
| Using management or leadership capabilities | 71 (3.6) | 220 (11.3) | 518 (26.5) | 640 (32.8) | 504 (25.8) | 1953 | 3.7 |
| Recognizing rights, responsibilities, privileges as citizen | 115 (5.9) | 239 (12.2) | 508 (26.0) | 468 (23.9) | 627 (32.0) | 1957 | 3.6 |

12. How *satisfied* are you with the University of Washington's contribution to your development in each area? (1 = Not at all, 5 = Very)

| | Not at all | Little | Some- what | Mostly | Very | <i>n</i> | <i>M</i> |
|---|---------------|---------------|---------------|---------------|---------------|----------|----------|
| Writing effectively | 60 (3.0) | 240 (11.9) | 639 (31.6) | 805 (39.9) | 276 (13.7) | 2020 | 3.5 |
| Speaking effectively | 121 (6.0) | 393 (19.6) | 746 (37.1) | 571 (28.4) | 178 (8.9) | 2009 | 3.1 |
| Critically analyzing written information | 34 (1.7) | 142 (7.2) | 609 (30.8) | 857 (43.3) | 337 (17.0) | 1979 | 3.7 |
| Defining and solving problems | 36 (1.8) | 131 (6.7) | 620 (31.5) | 857 (43.6) | 322 (16.4) | 1966 | 3.7 |
| Working and/or learning independently | 60 (3.1) | 144 (7.3) | 539 (27.4) | 787 (40.1) | 435 (22.1) | 1965 | 3.7 |
| Working cooperatively in a group | 64 (3.2) | 253 (12.8) | 610 (31.0) | 700 (35.5) | 343 (17.4) | 1970 | 3.5 |
| Using a foreign language | 394 (20.3) | 398 (20.5) | 544 (28.0) | 369 (19.0) | 238 (12.2) | 1943 | 2.8 |
| Understanding and appreciating the arts | 250 (12.9) | 406 (20.9) | 650 (33.5) | 396 (20.4) | 240 (12.4) | 1942 | 3.0 |
| Understanding applying scientific principles or methods | 114 (5.9) | 273 (14.0) | 632 (32.5) | 636 (32.7) | 291 (15.0) | 1946 | 3.4 |
| Understanding/applying quantitative principles or methods | 114 (5.9) | 265 (13.7) | 721 (37.2) | 593 (30.6) | 247 (12.7) | 1940 | 3.3 |
| Understanding appreciating diverse philosophies and cultures | 117 (6.0) | 261 (13.4) | 601 (30.8) | 601 (30.8) | 371 (19.0) | 1951 | 3.4 |
| Understanding interaction of society and environment | 128 (6.6) | 282 (14.6) | 658 (34.0) | 567 (29.3) | 301 (15.5) | 1936 | 3.3 |
| Working effectively with modern tech especially computers | 101 (5.2) | 256 (13.1) | 599 (30.6) | 594 (30.3) | 408 (20.8) | 1958 | 3.5 |
| Locating information needed to make decision or solve problem | 51 (2.6) | 198 (10.2) | 664 (34.1) | 700 (35.9) | 335 (17.2) | 1948 | 3.5 |
| Using the knowledge, ideas or perspectives gained from major field | 40 (2.0) | 124 (6.3) | 457 (23.4) | 818 (41.9) | 514 (26.3) | 1953 | 3.8 |
| Using knowledge gained from outside of your major field | 70 (3.6) | 223 (11.4) | 722 (37.0) | 680 (34.9) | 256 (13.1) | 1951 | 3.4 |
| Using management or leadership capabilities | 182 (9.3) | 415 (21.2) | 729 (37.3) | 454 (23.2) | 173 (8.9) | 1953 | 3.0 |
| Recognizing rights, responsibilities, privileges as citizen | 228 (11.7) | 411 (21.0) | 675 (34.5) | 409 (20.9) | 233 (11.9) | 1956 | 3.0 |

13. How frequently did you have exposure to these educational opportunities and practices while you were an undergraduate at the UW? (1 = Never, 5 = Nearly always)

| | Never | Seldom | Occas- ionally | Frequently | Nearly always | <i>n</i> | <i>M</i> |
|--|----------------|---------------|-------------------|---------------|------------------|----------|----------|
| Writing opportunities | 9 (.5) | 97 (4.9) | 444 (22.4) | 822 (41.5) | 610 (30.8) | 1982 | 4.0 |
| Opportunities to do math and other quantitative analyses | 102 (5.2) | 390 (20.0) | 577 (29.5) | 526 (26.9) | 359 (18.4) | 1954 | 3.3 |
| Opportunities to think critically about knowledge | 23 (1.2) | 106 (5.5) | 397 (20.6) | 831 (43.2) | 567 (29.5) | 1924 | 3.9 |
| Opportunities to define and solve problems | 10 (.5) | 95 (4.9) | 461 (23.8) | 825 (42.6) | 544 (28.1) | 1935 | 3.9 |
| Finding info in libraries and/or networked resources | 20 (1.0) | 232 (11.9) | 637 (32.7) | 656 (33.7) | 404 (20.7) | 1949 | 3.6 |
| Group/team projects | 29 (1.5) | 320 (16.4) | 721 (36.9) | 548 (28.0) | 336 (17.2) | 1954 | 3.4 |
| Oral presentations | 60 (3.1) | 521 (26.7) | 767 (39.3) | 439 (22.5) | 167 (8.5) | 1954 | 3.1 |
| Group discussions | 11 (.6) | 201 (10.3) | 556 (28.6) | 759 (39.0) | 418 (21.5) | 1945 | 3.7 |
| Labs and other classroom 'learning by doing' opportunities | 97 (5.0) | 388 (20.0) | 564 (29.0) | 555 (28.6) | 338 (17.4) | 1942 | 3.3 |
| Computer/internet opportunities and/or practice | 55 (2.8) | 223 (11.5) | 448 (23.1) | 552 (28.4) | 663 (34.2) | 1941 | 3.8 |
| Working on a professor's research project or publishing | 1065 (54.7) | 365 (18.7) | 255 (13.1) | 171 (8.8) | 92 (4.7) | 1948 | 1.9 |
| Informal contact with professors outside of class | 297 (15.3) | 715 (36.8) | 550 (28.3) | 285 (14.7) | 98 (5.0) | 1945 | 2.6 |
| Learning about diverse cultures and people | 93 (4.8) | 398 (20.5) | 640 (32.9) | 510 (26.2) | 305 (15.7) | 1946 | 3.3 |
| Working with students of different backgrounds and ethnicities | 40 (2.1) | 260 (13.4) | 534 (27.5) | 630 (32.4) | 479 (24.7) | 1943 | 3.6 |
| Community service opportunities | 427 (22.0) | 603 (31.0) | 519 (26.7) | 255 (13.1) | 139 (7.2) | 1943 | 2.5 |
| Practical application of coursework in major to job/education | 157 (8.1) | 354 (18.2) | 595 (30.6) | 557 (28.7) | 280 (14.4) | 1943 | 3.2 |

14. Compared to what you needed, how sufficient was your exposure to these opportunities and practices while at the University of Washington? (1=None, 5 = More than enough)

| | None | Not enough | Barely adequate | Just right | More than enough | <i>n</i> | <i>M</i> |
|--|---------------|---------------|-----------------|----------------|------------------|----------|----------|
| Writing opportunities | 14 (.7) | 139 (7.1) | 322 (16.4) | 1106 (56.3) | 384 (19.5) | 1965 | 3.9 |
| Opportunities to do math and other quantitative analyses | 67 (3.5) | 175 (9.1) | 330 (17.1) | 1072 (55.5) | 289 (15.0) | 1933 | 3.7 |
| Opportunities to think critically about knowledge | 19 (1.0) | 149 (7.8) | 369 (19.3) | 1121 (58.7) | 253 (13.2) | 1911 | 3.8 |
| Opportunities to define and solve problems | 11 (.6) | 131 (6.8) | 368 (19.2) | 1150 (60.0) | 257 (13.4) | 1917 | 3.8 |
| Finding info in libraries and/or networked resources | 19 (1.0) | 188 (9.7) | 390 (20.2) | 1017 (52.6) | 318 (16.5) | 1932 | 3.7 |
| Group/team projects | 27 (1.4) | 168 (8.7) | 339 (17.5) | 891 (46.0) | 512 (26.4) | 1937 | 3.9 |
| Oral presentations | 36 (1.9) | 309 (16.0) | 425 (22.0) | 897 (46.4) | 266 (13.8) | 1933 | 3.5 |
| Group discussions | 17 (.9) | 226 (11.8) | 340 (17.7) | 953 (49.6) | 387 (20.1) | 1923 | 3.8 |
| Labs and other classroom 'learning by doing' opportunities | 68 (3.5) | 350 (18.2) | 432 (22.4) | 842 (43.7) | 233 (12.1) | 1925 | 3.4 |
| Computer/internet opportunities and/or practice | 44 (2.3) | 219 (11.4) | 332 (17.3) | 949 (49.4) | 378 (19.7) | 1922 | 3.7 |
| Working on a professor's research project or publishing | 674 (35.3) | 453 (23.7) | 256 (13.4) | 447 (23.4) | 79 (4.1) | 1909 | 2.4 |
| Informal contact with professors outside of class | 209 (10.9) | 619 (32.2) | 417 (21.7) | 601 (31.3) | 75 (3.9) | 1921 | 2.9 |
| Learning about diverse cultures and people | 61 (3.2) | 386 (20.0) | 459 (23.8) | 787 (40.9) | 233 (12.1) | 1926 | 3.4 |
| Working with students of different backgrounds and ethnicities | 40 (2.1) | 326 (17.0) | 407 (21.2) | 913 (47.6) | 233 (12.1) | 1919 | 3.5 |
| Community service opportunities | 245 (12.8) | 473 (24.6) | 443 (23.1) | 621 (32.3) | 139 (7.2) | 1921 | 3.0 |
| Practical application of coursework in major to job/education | 119 (6.2) | 469 (24.4) | 504 (26.3) | 708 (36.9) | 119 (6.2) | 1919 | 3.1 |

15. While attending the UW, did you participate in any of the following activities?

| | Yes | No | n |
|---|----------------|----------------|----------|
| Community volunteer service | 1234 (60.6) | 803 (39.4) | 2037 |
| Community service as a part of a UW course (service learning) | 532 (26.2) | 1495 (73.8) | 2027 |
| A public service internship or other work-based learning (for pay/credit) | 640 (31.6) | 1388 (68.4) | 2028 |
| Faculty research beyond being a research subject | 538 (26.6) | 1483 (73.4) | 2021 |

For each activity marked "yes," how did this prepare you for your overall education?

| | No contrib. (1) | Small contrib. (2) | Moderate contrib. (3) | Strong contrib. (4) | Major contrib. (5) | n | M |
|--------------------------------|--------------------------------|-----------------------------------|--------------------------------------|------------------------------------|-----------------------------------|----------|----------|
| Community volunteer service | 117 (9.6) | 281 (23.0) | 338 (27.7) | 293 (24.0) | 193 (15.8) | 1222 | 3.1 |
| Service learning | 44 (8.3) | 93 (17.6) | 146 (27.7) | 152 (28.8) | 93 (17.6) | 528 | 3.3 |
| Internship/work-based learning | 11 (1.7) | 38 (6.0) | 107 (16.9) | 197 (31.1) | 280 (44.2) | 633 | 4.1 |
| Faculty research | 19 (3.5) | 42 (7.8) | 103 (19.0) | 151 (27.9) | 226 (41.8) | 541 | 4.0 |

16. During the past year, how often did you:

| | Never (0) | Once, few times | 1-2x/mo | 1x/wk | 2-3x/wk | Daily (5) | <i>n</i> | <i>M</i> |
|---|----------------|--------------------|---------------|---------------|---------------|----------------|----------|----------|
| Use a computer in a classroom, lab or library | 48 (2.4) | 137 (6.7) | 167 (8.2) | 234 (11.5) | 445 (21.9) | 1005 (49.4) | 2036 | 3.9 |
| Use a computer at your residence to do coursework | 29 (1.4) | 22 (1.1) | 41 (2.0) | 99 (4.9) | 397 (19.5) | 1445 (71.1) | 2033 | 4.5 |
| Use a computer at your residence for own projects | 89 (4.4) | 109 (5.4) | 111 (5.5) | 176 (8.7) | 321 (15.8) | 1224 (60.3) | 2030 | 4.1 |
| Use a computer at your residence for fun, to play | 262 (12.9) | 198 (9.8) | 142 (7.0) | 207 (10.2) | 269 (13.3) | 949 (46.8) | 2027 | 3.4 |
| Use word processing software | 6 (.3) | 12 (.6) | 90 (4.4) | 253 (12.5) | 688 (33.9) | 983 (48.4) | 2032 | 4.2 |
| Use a spreadsheet (e.g., Microsoft Excel, Quatropro) | 259 (12.8) | 339 (16.7) | 405 (20.0) | 307 (15.2) | 404 (20.0) | 311 (15.4) | 2025 | 2.6 |
| Use presentation software (e.g., Microsoft Powerpoint) | 462 (22.8) | 674 (33.2) | 497 (24.5) | 180 (8.9) | 126 (6.2) | 89 (4.4) | 2028 | 1.6 |
| Use the internet | 1 (.0) | 1 (.0) | 2 (.1) | 3 (.1) | 64 (3.2) | 1960 (96.5) | 2031 | 5.0 |
| Communicate using e-mail | 1 (.0) | 1 (.0) | 3 (.1) | 13 (.6) | 95 (4.7) | 1918 (94.4) | 2031 | 4.9 |
| Participate in on-line discussion groups | 522 (25.7) | 592 (29.2) | 313 (15.4) | 233 (11.5) | 183 (9.0) | 185 (9.1) | 2028 | 1.8 |
| Do research using on-line library or internet resources | 24 (1.2) | 185 (9.2) | 424 (21.0) | 434 (21.5) | 463 (22.9) | 491 (24.3) | 2021 | 3.3 |
| Create or update pages on the Internet | 1026 (50.6) | 443 (21.8) | 214 (10.5) | 114 (5.6) | 99 (4.9) | 133 (6.6) | 2029 | 1.1 |
| Write computer programs | 1487 (73.4) | 230 (11.4) | 87 (4.3) | 59 (2.9) | 68 (3.4) | 95 (4.7) | 2026 | .7 |

17. While attending college, UW or elsewhere, during which year(s) did you own or have access to a computer in your residence? (Mark all that apply.)

| | Marked | Not marked | <i>n</i> |
|-----------|----------------|----------------|----------|
| Freshman | 1689 (79.2) | 443 (20.8) | 2132 |
| Sophomore | 1753 (82.2) | 379 (17.8) | 2132 |
| Junior | 1904 (89.3) | 228 (10.7) | 2132 |
| Senior | 1906 (89.4) | 226 (10.6) | 2132 |
| None | 34 (1.6) | 2098 (98.4) | 2132 |

21. For how many courses *in your major* did the professor either talk about or list on the syllabus the learning goals for the course? By learning goals (sometimes called objectives) we mean statements about what professors expect students to know or be able to do by the end of the class. (1=None, 5 = All)

| | <i>n</i> | % |
|-----------------|----------|------|
| Few or None | 87 | 4.4 |
| Half or less | 288 | 14.6 |
| More than half | 354 | 17.9 |
| Most | 857 | 43.3 |
| All | 392 | 19.8 |
| Total | 1978 | |
| <i>M</i> | 3.6 | |

22. For those courses with learning goals, to what extent were the assessment of your performance and the determination of your grade based on your achievement of those goals?

| | <i>n</i> | % |
|----------------------------|----------|------|
| Almost none of the courses | 105 | 5.4 |
| Half or fewer | 351 | 18.1 |
| More than half | 544 | 28.1 |
| Most | 779 | 40.3 |
| All of the courses | 155 | 8.0 |
| Total | 1934 | |
| <i>M</i> | 3.3 | |

23. Thinking about courses that had explicit goals for your learning and those that did not, do you feel that:

| | <i>n</i> | % |
|---|----------|------|
| 1) You learned considerably more in courses <u>with</u> explicit learning goals. | 311 | 16.4 |
| 2) You learned more in courses <u>with</u> explicit learning goals. | 641 | 33.7 |
| 3) You learned about the same amount <u>with or without</u> learning goals. | 896 | 47.1 |
| 4) You learned more in courses <u>without</u> explicit learning goals. | 31 | 1.6 |
| 5) You learned considerably more in courses <u>without</u> explicit learning goals. | 23 | 1.2 |
| Total | 1902 | |
| <i>M</i> | 2.4 | |

Female vs. Male Senior Student Significant Differences

Notes. Unless otherwise stated, values are means for each group; numbers in parentheses are standard deviations or degrees of freedom, as appropriate.

"d" is Cohen's d, a standardized measure of effect size. Traditionally-accepted small, medium, and large (absolute) values are .2, .5, and .8, respectively.

Asterisks indicate: * $p < .01$, ** $p < .001$, *** $p < .0001$.

9. While attending the UW, how many hours each month, on average, have you devoted to volunteer work or a community action program?

| | Male | Female | χ^2 |
|---------------|-------|--------|----------|
| None | 47.6% | 32.6% | 53.84 ** |
| 1 to 3 hours | 23.2% | 27.8% | |
| 4 to 6 hours | 12.8% | 13.6% | |
| 7 to 10 hours | 5.8% | 10.6% | |
| Over 10 hours | 10.6% | 15.4% | |

10. Rate yourself on each of the following abilities. We want your most accurate estimate of how you see yourself. (1=Poor, 3=Good, 5=Excellent)

| | Male | Female | $F(1,1803)$ | d |
|--|--------------|--------------|-------------|------|
| Critically analyzing written information | 3.8 (.9) | 3.7 (.9) | 14.97 | .20 |
| Defining and solving problems | 4.0 (.8) | 3.7 (.8) | 43.57 | .31 |
| Working cooperatively in a group | 3.7 (.9) | 3.9 (.9) | 11.20 | -.13 |
| Using a foreign language | 2.6 (1.3) | 2.9 (1.3) | 18.96 | -.22 |
| Understanding and appreciating the arts | 3.3 (1.2) | 3.6 (1.2) | 29.07 | -.23 |
| Understanding and applying scientific principles and methods | 3.6 (1.1) | 3.3 (1.1) | 36.10 | .28 |
| Understanding and applying quantitative principles and methods | 3.6 (1.0) | 3.2 (1.0) | 73.21 | .39 |
| Understanding and appreciating diverse philosophies and cultures | 3.7 (1.1) | 3.9 (1.0) | 23.98 | -.25 |
| Understanding interaction of society and environment | 3.6 (1.0) | 3.8 (.9) | 14.49 | -.18 |
| Working effectively with modern technology, especially computers | 4.1 (.9) | 3.7 (1.0) | 87.64 | .44 |
| Locating information needed to make decision or solve problem | 4.0 (.9) | 3.9 (.9) | 10.34 | .15 |

**11. How important are each of these abilities to your academic work and success?
(1=Not important, 3=Important, 5=Essential)**

| | Male | Female | <i>F</i> (1,1747) | <i>d</i> |
|--|--------------|--------------|-------------------|----------|
| Writing effectively | 4.0 (.9) | 4.3 (.9) | 26.08 | -.20 |
| Speaking effectively | 3.8 (1.1) | 4.0 (1.0) | 13.38 | -.15 |
| Working and/or learning independently | 4.1 (.9) | 4.2 (.8) | 8.83 | -.12 |
| Using a foreign language | 2.4 (1.2) | 2.7 (1.3) | 33.10 | -.25 |
| Understanding and appreciating the arts | 2.4 (1.3) | 2.8 (1.3) | 29.79 | -.26 |
| Understanding and applying scientific principles and methods | 3.5 (1.2) | 3.4 (1.2) | 8.29 | .15 |
| Understanding and applying quantitative principles and methods | 3.6 (1.1) | 3.4 (1.1) | 18.51 | .22 |
| Understanding and appreciating diverse philosophies and cultures | 3.2 (1.2) | 3.7 (1.2) | 67.19 | -.40 |
| Understanding interaction of society and environment | 3.2 (1.2) | 3.6 (1.1) | 47.14 | -.33 |
| Using knowledge gained from outside of your major field | 3.6 (1.1) | 3.8 (1.0) | 13.87 | -.16 |
| Using management or leadership capabilities | 3.6 (1.1) | 3.7 (1.1) | 10.02 | -.13 |
| Recognizing rights, responsibilities, privileges as citizen | 3.5 (1.2) | 3.7 (1.2) | 11.19 | -.15 |

12. How satisfied are you with the University of Washington's contribution to your development in each area? (1=Not at all, 3=Somewhat, 5=Very)

| | Male | Female | <i>F</i> (1,1715) | <i>d</i> |
|--|--------------|--------------|-------------------|----------|
| Writing effectively | 3.4 (1.0) | 3.6 (1.0) | 10.96 | -.13 |
| Speaking effectively | 3.0 (1.0) | 3.2 (1.0) | 11.47 | -.17 |
| Working and/or learning independently | 3.6 (1.0) | 3.8 (1.0) | 16.06 | -.19 |
| Understanding and appreciating the arts | 2.9 (1.2) | 3.0 (1.2) | 10.60 | -.14 |
| Understanding and applying scientific principles and methods | 3.5 (1.1) | 3.3 (1.1) | 7.36 | .13 |
| Understanding and applying quantitative principles and methods | 3.4 (1.0) | 3.2 (1.0) | 14.86 | .19 |
| Understanding and appreciating diverse philosophies and cultures | 3.3 (1.1) | 3.5 (1.1) | 23.27 | -.23 |
| Understanding interaction of society and environment | 3.2 (1.1) | 3.4 (1.1) | 28.27 | -.26 |
| Using knowledge gained from outside of your major field | 3.3 (1.0) | 3.5 (1.0) | 20.57 | -.22 |
| Using management or leadership capabilities | 2.9 (1.1) | 3.1 (1.1) | 20.25 | -.21 |
| Recognizing responsibilities, rights, & privileges as a citizen | 2.8 (1.2) | 3.1 (1.2) | 23.22 | -.22 |

13. How frequently did you have exposure to these educational opportunities and practices at the UW? (1=Never, 3=Occasionally, 5=Nearly always)

| | Male | Female | F(1,) | d |
|---|--------------|--------------|-------|------|
| Writing opportunities | 3.9 (.9) | 4.0 (.9) | 15.17 | -.19 |
| Opportunities to do math or other quantitative analyses | 3.6 (1.1) | 3.2 (1.1) | 55.26 | .35 |
| Opportunities to think critically about knowledge | 3.9 (.9) | 4.0 (.9) | 6.57 | -.13 |
| Finding info in libraries and/or networked resources | 3.5 (1.0) | 3.7 (1.0) | 13.76 | -.17 |
| Group discussions | 3.6 (1.0) | 3.8 (.9) | 27.83 | -.24 |
| Computer/internet opportunities and/or practice | 3.9 (1.1) | 3.7 (1.1) | 12.65 | .19 |
| Working on a professor's research or publishing project | 2.0 (1.3) | 1.9 (1.2) | 6.92 | .15 |
| Informal contact with professors outside of class | 2.7 (1.1) | 2.5 (1.1) | 8.09 | .12 |
| Learning about diverse cultures and people | 3.1 (1.1) | 3.4 (1.1) | 35.19 | -.29 |
| Community service opportunities | 2.4 (1.1) | 2.6 (1.2) | 25.22 | -.23 |

14. Compared to what you needed, how sufficient was your exposure to these opportunities and practices while at the University of Washington? (1=None, 5 = More than enough)

| | Male | Female | F(1,1725) | d |
|---|--------------|--------------|-----------|-----|
| Opportunities to do math or other quantitative analyses | 3.8 (.9) | 3.7 (.9) | 6.78 | .11 |
| Computer/internet opportunities and/or practice | 3.9 (.9) | 3.7 (1.0) | 12.37 | .18 |
| Working on a professor's research or publishing project | 2.5 (1.3) | 2.3 (1.3) | 9.26 | .16 |

**15. While attending the UW, have you participated in:
(Percent responded "Yes" to each item.)**

| | Male | Female | χ^2 |
|---|------|--------|----------|
| Community volunteer service | 53.6 | 64.9 | 25.90 ** |
| Community service as a part of a UW course (service learning) | 18.5 | 31.2 | 39.78 ** |
| A public service internship or other work-based learning (for pay/credit) | 26.8 | 34.6 | 13.58 ** |

**16. During the past year, how often did you:
(0=Never, 5=Daily or nearly every day)**

| | Male (n=136) | Female (n=238) | F(1,1954) | d |
|---|-------------------------|---------------------------|------------------|----------|
| Use a computer in a classroom, lab or library | 4.1 (1.3) | 3.8 (1.4) | 15.22 | .18 |
| Use a computer at your residence for fun, to play games | 3.7 (1.7) | 3.2 (1.9) | 27.67 | .25 |
| Use a spreadsheet | 2.8 (1.6) | 2.4 (1.6) | 26.08 | .23 |
| Use presentation software | 1.7 (1.4) | 1.4 (1.3) | 18.98 | .19 |
| Participate in on-line discussion groups | 1.9 (1.7) | 1.6 (1.5) | 20.19 | .20 |
| Create or update pages on the Internet | 1.5 (1.6) | .9 (1.4) | 88.74 | .44 |
| Write computer programs | 1.2 (1.7) | .3 (.9) | 202.03 | .64 |