

2003 GRADUATE SURVEY RESULTS

Mathematics A&S Natural Sciences College of Arts and Sciences

Bachelor's Degree Recipients

| | | | | | | | | | |
|---|-----|------|---|-------|------|---|-------|------|---|
| TOTAL NUMBER OF GRADUATES SURVEYED | 131 | 100% |  | 1,169 | 100% |  | 4,001 | 100% |  |
| Questionnaires: | | | | | | | | | |
| Not returned | 94 | 72% |  | 752 | 64% |  | 2,661 | 67% |  |
| Not delivered by post office | 5 | 4% |  | 70 | 6% |  | 209 | 5% |  |
| Returned by graduate | 32 | 24% |  | 347 | 30% |  | 1,131 | 28% |  |
| Responding graduates currently: | | | | | | | | | |
| Working | 21 | 66% |  | 224 | 65% |  | 828 | 73% |  |
| Attending or waiting to attend school | 11 | 34% |  | 119 | 34% |  | 299 | 26% |  |
| Unemployed | 3 | 9% |  | 25 | 7% |  | 103 | 9% |  |

Master's Degree Recipients

| | | | | | | | | | |
|---|---|------|---|-----|------|---|-----|------|---|
| TOTAL NUMBER OF GRADUATES SURVEYED | 6 | 100% |  | 111 | 100% |  | 347 | 100% |  |
| Questionnaires: | | | | | | | | | |
| Not returned | 5 | 83% |  | 61 | 55% |  | 199 | 57% |  |
| Not delivered by post office | | | | 8 | 7% |  | 26 | 7% |  |
| Returned by graduate | 1 | 17% |  | 42 | 38% |  | 122 | 35% |  |
| Responding graduates currently: | | | | | | | | | |
| Working | 1 | 100% |  | 27 | 64% |  | 74 | 61% |  |
| Attending or waiting to attend school | | | | 19 | 45% |  | 56 | 46% |  |
| Unemployed | | | | 1 | 2% |  | 7 | 6% |  |

Subsequent tables for master's degree recipients are not included because of the low number of respondents.

Doctoral Degree Recipients

| | | | | | | | | | |
|---|---|------|---|----|------|---|-----|------|---|
| TOTAL NUMBER OF GRADUATES SURVEYED | 4 | 100% |  | 76 | 100% |  | 160 | 100% |  |
| Questionnaires: | | | | | | | | | |
| Not returned..... | 1 | 25% |  | 37 | 49% |  | 73 | 46% |  |
| Not delivered by post office | | | | 6 | 8% |  | 14 | 9% |  |
| Returned by graduate | 3 | 75% |  | 33 | 43% |  | 73 | 46% |  |
| Responding graduates currently: | | | | | | | | | |
| Working | 3 | 100% |  | 32 | 97% |  | 70 | 96% |  |
| Attending or waiting to attend school | | | | 2 | 6% |  | 2 | 3% |  |
| Unemployed | | | | 1 | 3% |  | 3 | 4% |  |

Subsequent tables for doctoral degree recipients are not included because of the low number of respondents.

DEMOGRAPHIC SUMMARY - Bachelor's Degree Recipients

| | <u>Mathematics</u> | | <u>A&S Natural Sciences</u> | | <u>College of Arts and Sciences</u> | |
|---|--------------------|-----|---------------------------------|-----|-------------------------------------|-----|
| Current primary activity | | | | | | |
| EMPLOYED BY A US ORGANIZATION | | | | | | |
| Public sector: | | | | | | |
| Postsecondary education | | | 21 | 7% | 34 | 3% |
| K-12 education | 1 | 3% | 5 | 2% | 21 | 2% |
| Government or military | | | 22 | 7% | 73 | 7% |
| Private sector, including education: | | | | | | |
| Non-profit | 3 | 10% | 39 | 12% | 93 | 10% |
| For profit | 13 | 45% | 86 | 28% | 380 | 39% |
| Museum | | | | | 2 | 1% |
| EMPLOYED BY AN INTERNATIONAL ORGANIZATION | | | | | | |
| In the US | 1 | 3% | 7 | 2% | 36 | 4% |
| Outside of the US | | | 3 | 1% | 15 | 2% |
| CONTINUING YOUR EDUCATION | 9 | 31% | 107 | 34% | 235 | 24% |
| UNEMPLOYED | 2 | 7% | 22 | 7% | 86 | 9% |

Working

| | | | | | | |
|--|----|-----|-----|-----|-----|-----|
| JOB IS: Full-time, career field, permanent | 3 | 15% | 26 | 12% | 126 | 16% |
| Full-time, career field, will change | 7 | 35% | 77 | 35% | 275 | 34% |
| Full-time, outside career field | 5 | 25% | 51 | 23% | 202 | 25% |
| Full-time, temporary | 3 | 15% | 31 | 14% | 95 | 12% |
| Part-time | 2 | 10% | 33 | 15% | 108 | 13% |
| WORK IS: Definitely beneath my level | 5 | 25% | 61 | 28% | 219 | 27% |
| Somewhat beneath my level | 5 | 25% | 57 | 26% | 230 | 29% |
| At an appropriate level | 10 | 50% | 97 | 45% | 345 | 43% |
| At too advanced a level | | | 1 | 1% | 5 | 1% |
| ATTENDING SCHOOL? Yes, related to UW education | 2 | 10% | 7 | 3% | 27 | 3% |
| Yes, career related, new area | 3 | 14% | 19 | 9% | 85 | 10% |
| Yes, not career related | | | 5 | 2% | 17 | 2% |
| No | 16 | 76% | 188 | 86% | 681 | 84% |
| MONTHLY INCOME: Under \$1000 | 4 | 20% | 27 | 12% | 86 | 11% |
| 1000- 1499 | | | 36 | 16% | 154 | 19% |
| 1500- 1999 | 2 | 10% | 48 | 22% | 167 | 21% |
| 2000- 2499 | 3 | 15% | 49 | 22% | 160 | 20% |
| 2500- 2999 | 1 | 5% | 25 | 11% | 96 | 12% |
| 3000- 3499 | 3 | 15% | 17 | 8% | 58 | 7% |
| 3500- 3999 | 2 | 10% | 8 | 4% | 34 | 4% |
| 4000- 4500 | 3 | 15% | 7 | 3% | 23 | 3% |
| 4500- 4999 | 1 | 5% | 1 | 1% | 9 | 1% |
| 5000- 5499 | 1 | 5% | 1 | 1% | 7 | 1% |
| 5500- 5999 | | | | | 1 | 1% |
| Over \$6000 | | | | | 7 | 1% |

| | | | | | | | | | | |
|---------------|-------------------------------------|----|-----|---|-----|-----|---|-----|-----|---|
| JOB LOCATION: | King, Pierce, Snohomish | 9 | 60% |  | 108 | 69% |  | 390 | 71% |  |
| | Other Washington counties | 1 | 7% |  | 5 | 3% |  | 21 | 4% |  |
| | Alaska, Idaho, Oregon | | | | | | | 7 | 1% |  |
| | California, Hawaii | 1 | 7% |  | 6 | 4% |  | 25 | 5% |  |
| | Mountain states | 1 | 7% |  | 6 | 4% |  | 13 | 2% |  |
| | Central states | | | | 4 | 3% |  | 13 | 2% |  |
| | Eastern states | | | | 6 | 4% |  | 34 | 6% |  |
| | International | 3 | 20% |  | 21 | 13% |  | 47 | 9% |  |
| JOB SEARCH: | Newspaper ads | 1 | 4% |  | 39 | 15% |  | 109 | 12% |  |
| | The Internet | 8 | 30% |  | 60 | 24% |  | 177 | 19% |  |
| | Professional organization | 1 | 4% |  | 6 | 2% |  | 22 | 2% |  |
| | Employment agency | 4 | 15% |  | 13 | 5% |  | 46 | 5% |  |
| | Faculty advisor or committee | 1 | 4% |  | 7 | 3% |  | 24 | 3% |  |
| | Networking/personal contacts | 11 | 41% |  | 115 | 45% |  | 489 | 54% |  |
| | UW Center for Career Services | 1 | 4% |  | 13 | 5% |  | 44 | 5% |  |

Attending School

| | | | | | | | | | | |
|-------------------------------|----------------------------|---|-----|---|----|-----|---|-----|-----|---|
| LEVEL OF EDUCATIONAL PROGRAM: | Bachelor's | 1 | 9% |  | 6 | 5% |  | 37 | 13% |  |
| | Terminal Master | | | | 13 | 11% |  | 35 | 12% |  |
| | Master's/PhD | 9 | 82% |  | 57 | 49% |  | 115 | 40% |  |
| | Professional | 1 | 9% |  | 29 | 25% |  | 71 | 24% |  |
| | Vocational | | | | 2 | 2% |  | 6 | 2% |  |
| | Other | | | | 10 | 9% |  | 27 | 9% |  |
| ARE YOU ALSO EMPLOYED? | Yes, by the school | 2 | 20% |  | 23 | 20% |  | 55 | 21% |  |
| | Yes, other part-time | | | | 20 | 18% |  | 69 | 26% |  |
| | Yes, other full-time | | | | 6 | 5% |  | 17 | 6% |  |
| | No | 8 | 80% |  | 65 | 57% |  | 127 | 47% |  |

Unemployed

| | | | | | | | | | | |
|--------------------|--------------------------------------|---|-----|---|----|-----|---|----|-----|---|
| REASON NOT WORKING | Volunteering | 1 | 33% |  | 3 | 13% |  | 13 | 14% |  |
| | Raising a family | | | | 1 | 4% |  | 13 | 14% |  |
| | Taking care of an ill relative | | | | | | | 1 | 1% |  |
| | Traveling, etc. | 1 | 33% |  | 3 | 13% |  | 11 | 12% |  |
| | Looking for work | 1 | 33% |  | 11 | 48% |  | 36 | 38% |  |
| | Deciding what to do | | | | 1 | 4% |  | 3 | 3% |  |
| | Taking time off | | | | | | | 3 | 3% |  |
| | Disillusioned about job search | | | | 4 | 17% |  | 14 | 15% |  |

STUDENT INVOLVEMENT - Bachelor's Degree Recipients

Mathematics
A&S Natural Sciences
College of Arts and Sciences

If I had to make my college choice over again, I would choose to attend UW.

| | | | | | | | | | |
|-------------------|----|-----|---|-----|-----|---|-----|-----|---|
| Strongly disagree | 1 | 3% | █ | 16 | 5% | █ | 45 | 4% | █ |
| Disagree | 3 | 10% | █ | 21 | 6% | █ | 66 | 6% | █ |
| Indifferent | 5 | 17% | █ | 37 | 11% | █ | 139 | 13% | █ |
| Agree | 11 | 37% | █ | 123 | 36% | █ | 416 | 38% | █ |
| Strongly agree | 10 | 33% | █ | 143 | 42% | █ | 441 | 40% | █ |

During the past year, how many hours each month, on average, did you devoted to volunteer work or a community action program?

| | | | | | | | | | |
|---------|----|-----|---|-----|-----|---|-----|-----|---|
| None | 13 | 41% | █ | 139 | 41% | █ | 470 | 42% | █ |
| 1 - 3 | 10 | 31% | █ | 75 | 22% | █ | 255 | 23% | █ |
| 4 - 6 | 5 | 16% | █ | 50 | 15% | █ | 126 | 11% | █ |
| 7 - 10 | 3 | 9% | █ | 31 | 9% | █ | 85 | 8% | █ |
| Over 10 | 1 | 3% | █ | 45 | 13% | █ | 175 | 16% | █ |

In the past year, approximately how much have you contributed monetarily to charities or philanthropies?

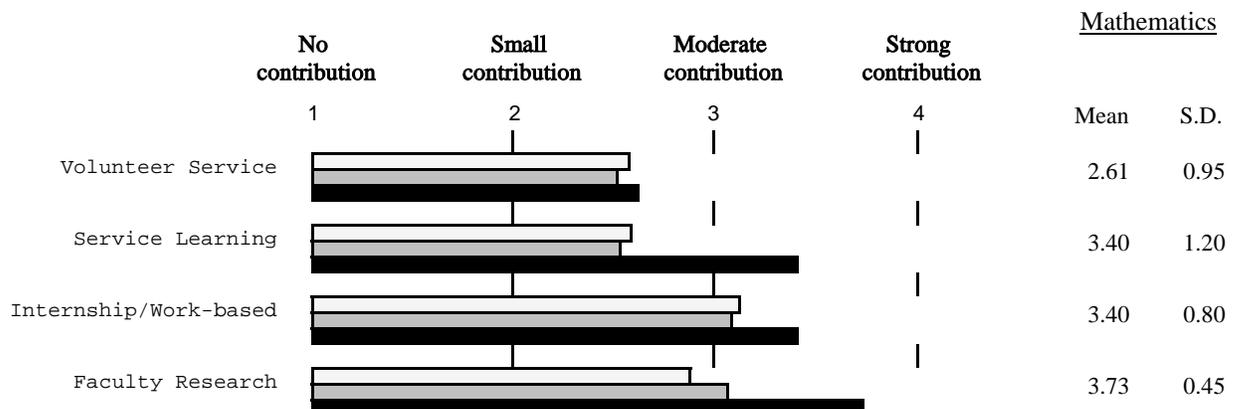
| | | | | | | | | | |
|-----------------|----|-----|---|-----|-----|---|-----|-----|---|
| Less than \$100 | 23 | 72% | █ | 252 | 74% | █ | 779 | 70% | █ |
| \$100 - 250 | 4 | 12% | █ | 49 | 14% | █ | 176 | 16% | █ |
| \$250 - 500 | 2 | 6% | █ | 15 | 4% | █ | 66 | 6% | █ |
| \$500 - 1000 | 1 | 3% | █ | 9 | 3% | █ | 43 | 4% | █ |
| Over \$1000 | 2 | 6% | █ | 14 | 4% | █ | 48 | 4% | █ |

While a UW student, did you participate in:

| | Yes | No | Yes | No | Yes | No |
|--|-----|----|-----|-----|-----|-----|
| Community volunteer service (outside of UW) | 18 | 13 | 231 | 104 | 704 | 400 |
| Community service as part of a UW course (Service learning) | 5 | 26 | 95 | 237 | 332 | 767 |
| A public service internship or other work-based learning (for credit or pay) | 5 | 25 | 101 | 229 | 395 | 704 |
| Faculty research beyond being a research subject | 11 | 20 | 205 | 130 | 333 | 763 |

How has your participation contributed to your preparation and success in your current primary activity?

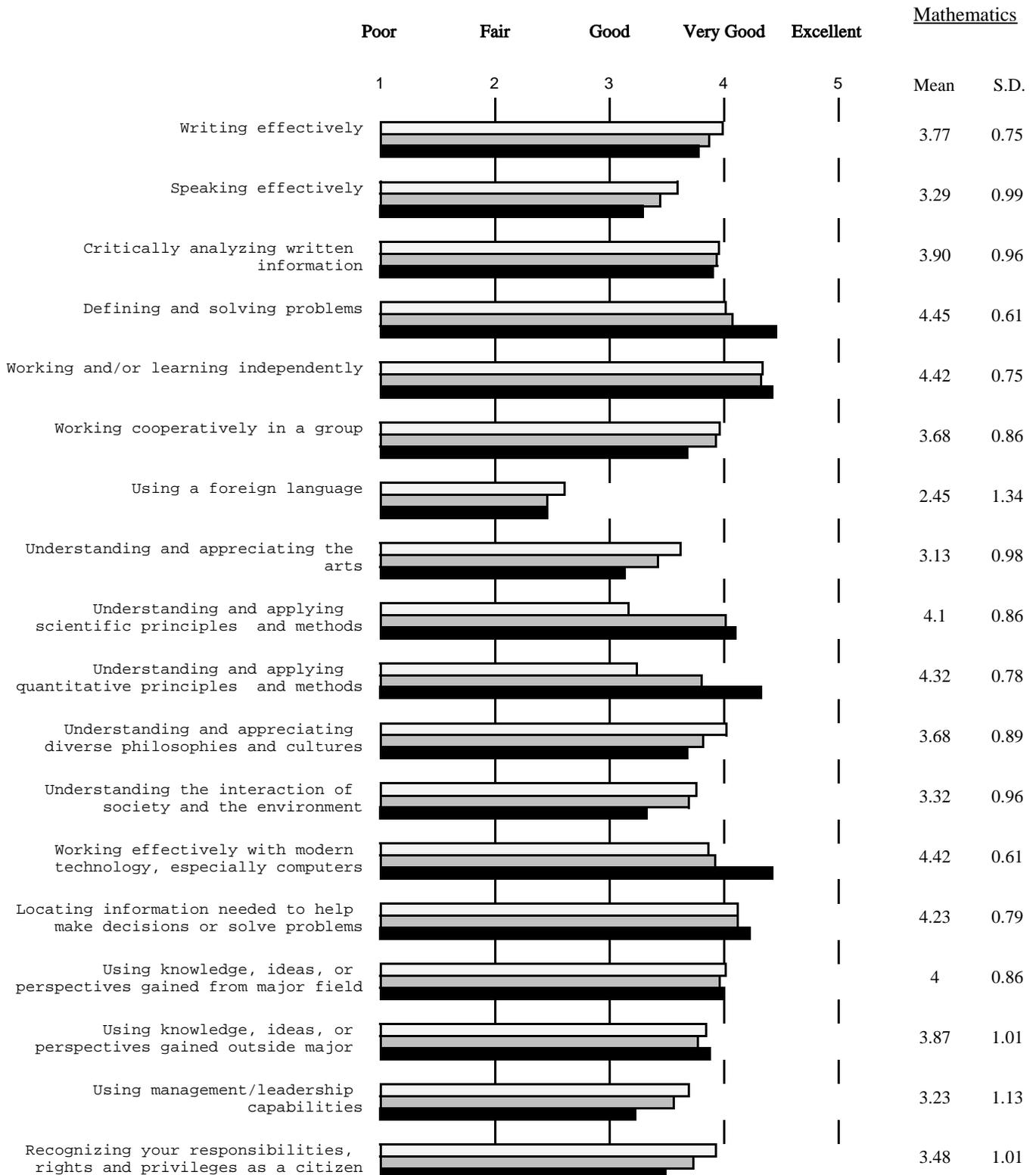
Mathematics
 A&S Natural Sciences
 College of Arts and Sciences



STUDENT OUTCOMES - Bachelor's Degree Recipients

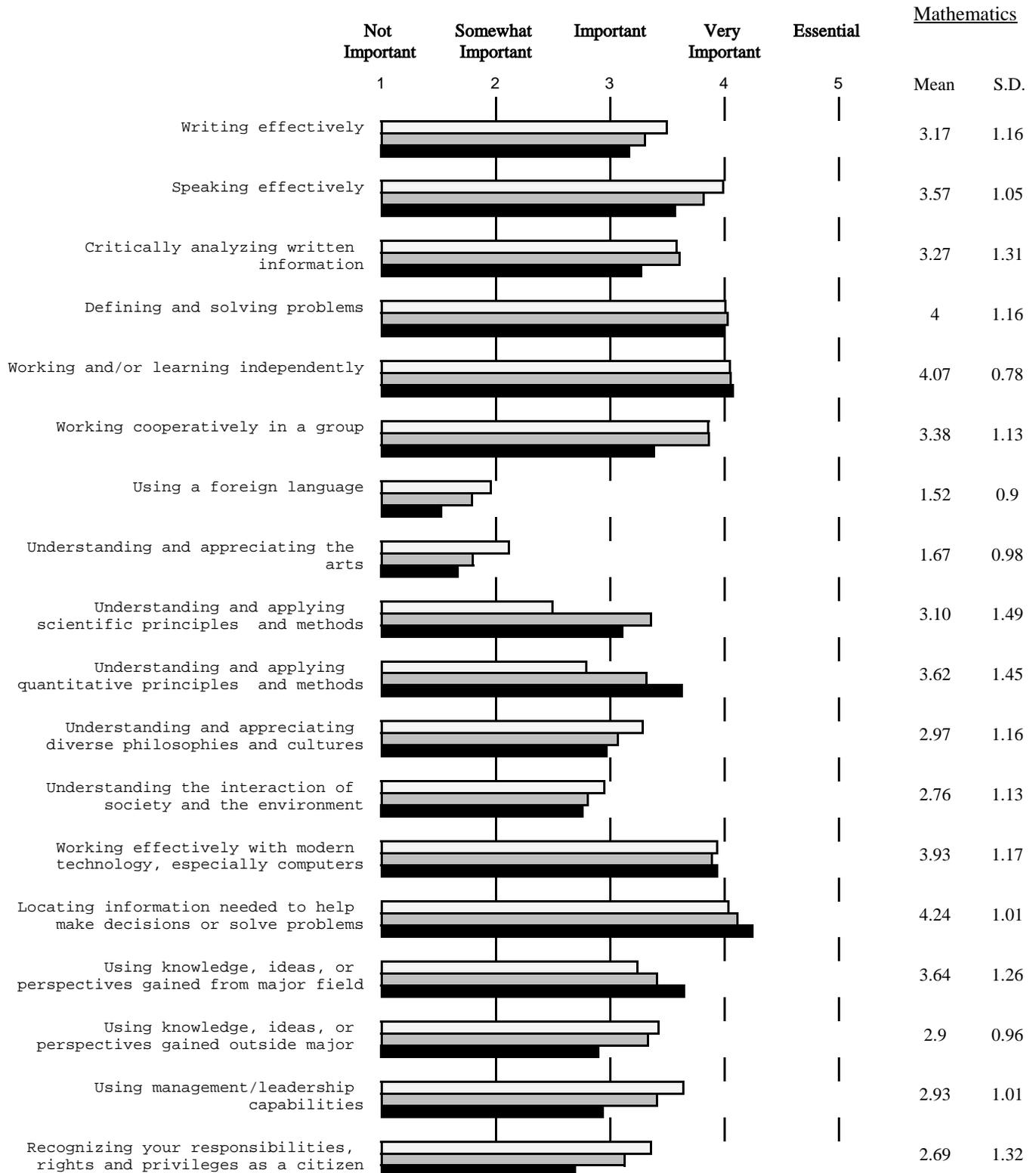
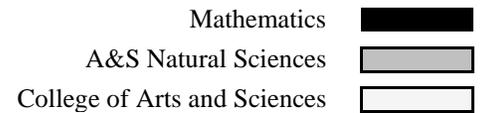
YOUR SKILLS: Rate yourself on each of the following abilities.

Mathematics 
A&S Natural Sciences 
College of Arts and Sciences 



STUDENT OUTCOMES - Bachelor's Degree Recipients

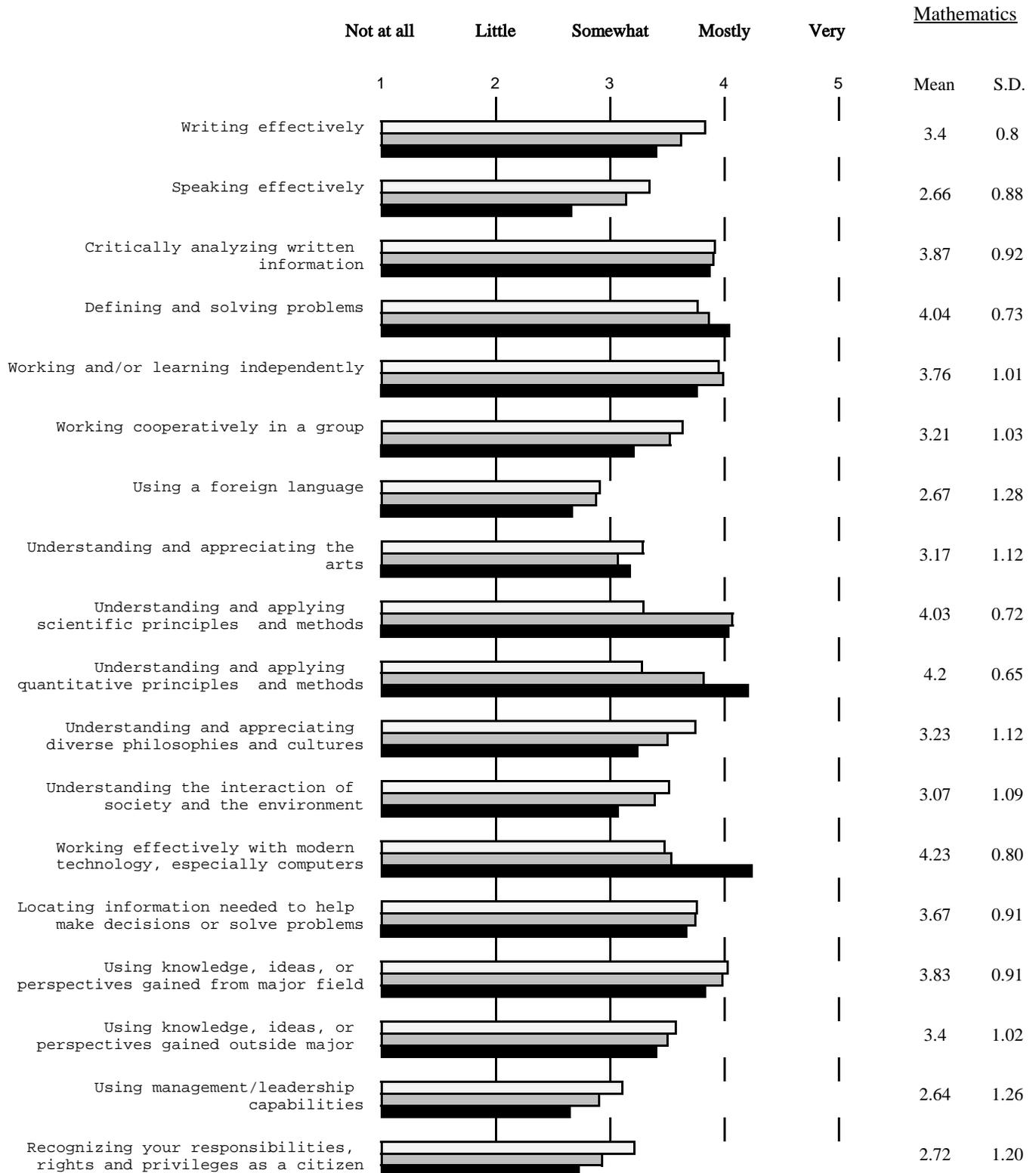
NECESSITY: How important are each of these abilities to your current primary activity?



STUDENT OUTCOMES - Bachelor's Degree Recipients

SATISFACTION: How satisfied are you with the University of Washington's contribution to your development in each area?

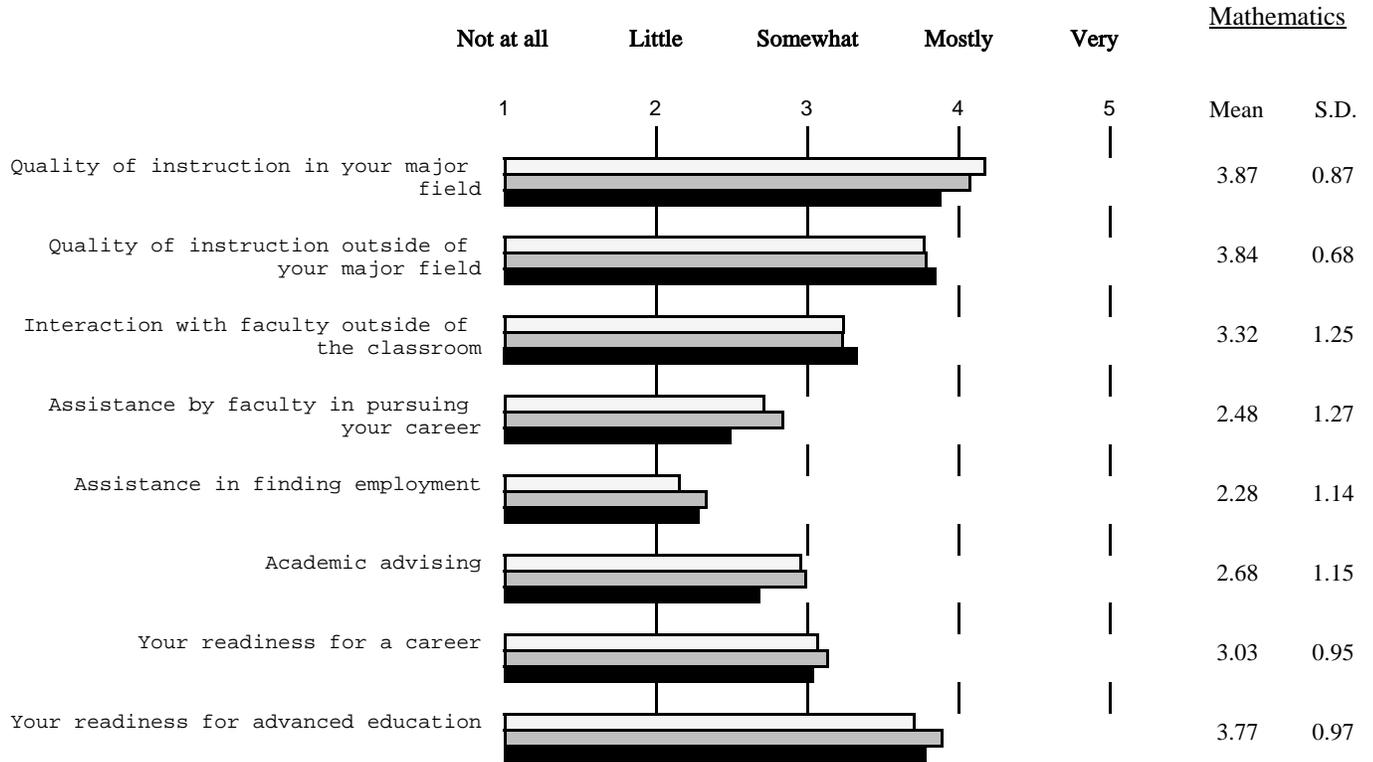
Mathematics 
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STUDENT OUTCOMES - Bachelor's Degree Recipients

In general, how satisfied are you with your UW education with regard to each of the following?

Mathematics
A&S Natural Sciences
College of Arts and Sciences



CURRENT ACTIVITY ROSTER

| Working | | Job Title | Employer | |
|----------------|------------------------|---------------------------|---------------------------|----------|
| BACHELOR'S | Permanent in career: | actuary | mercerc consulting | |
| | | Career, change likely: | facilities coordinator | deloitte |
| | | | CSA level II | Intermec |
| | Not career, full-time: | customer support engineer | bevocal inc. | |
| | | System Administrator | Krekow Jennings | |
| | | Management Analyst | LYNX Medical Systems, Inc | |
| | | volunteer chaplain | inside circle foundation | |
| | | Project Coord/Accntg Spec | MBI Systems Inc | |
| | Not career, temporary: | Math instructor | Ed Advancement Academy | |
| | | Software Test Engineer | Microsoft | |
| | Part-time: | floor attendant | denver athletic club | |
| | | math instructor | sylvan learning center | |
| DOCTORATE | Permanent in career: | Ross Assistant prof | Ohio State Univ | |
| | Career, change likely: | Assistant Professor | University of Rochester | |
| | Not career, temporary: | Career Switcher Coord. | Central Wash. University | |
| MASTER'S | Part-time: | MOM & MATH TUTOR | WAYLAND ACADEMY | |

| In School | Program Level | Program | Field of study | Institution |
|------------------|----------------------|---------------------|-----------------------|-------------------------|
| BACHELOR'S | Masters/Doctoral | Math Education | Education | UW College of Education |
| | | ph d | | northwestern |
| | | PhD, math topology | | oxford u. england |
| | | PHD | | univ of colorado |
| | | masters in teaching | | seattle univ |
| | | ph d | | columbia univ |
| | | PhD | | Northwestern University |
| | Professional | school of dentistry | uw | |

| Unemployed | Type of work seeking |
|-------------------|-----------------------------|
| BACHELOR'S | IT field Analyst |