# UW Alumni Survey Results
# 2021-2022 MASTERS Degree Recipients

## Graduates Surveyed

| | Mechanical Engineering | | College Of Engineering | | All Professional | | UW Seattle | |
|---|---|---|---|---|---|---|---|---|
| | N | % | N | % | N | % | N | % |
| Total | 108 | 100% | 831 | 100% | 3947 | 100% | 4562 | 100% |
| Women | 18 | 17% | 288 | 35% | 2242 | 57% | 2566 | 56% |
| Men | 90 | 83% | 543 | 65% | 1705 | 43% | 1996 | 44% |
| African American | 1 | 1% | 22 | 3% | 175 | 4% | 208 | 5% |
| American Indian | 0 | 0% | 3 | 0% | 39 | 1% | 47 | 1% |
| Asian American | 16 | 15% | 167 | 20% | 740 | 19% | 820 | 18% |
| Caucasian | 39 | 36% | 309 | 37% | 1827 | 46% | 2083 | 46% |
| Hawaiian/Pacific Islander | 0 | 0% | 7 | 1% | 28 | 1% | 32 | 1% |
| Hispanic/Latino | 4 | 4% | 46 | 6% | 280 | 7% | 326 | 7% |
| Other/Not Indicated | 48 | 44% | 277 | 33% | 858 | 22% | 1046 | 23% |
| International | 47 | 44% | 255 | 31% | 765 | 19% | 942 | 21% |

## Survey Response Rates

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| Total | 20 | 19% | 196 | 24% | 1028 | 26% | 1156 | 25% |
| Women | 6 | 30% | 78 | 40% | 607 | 59% | 691 | 60% |
| Men | 14 | 70% | 118 | 60% | 421 | 41% | 465 | 40% |
| African American | 0 | 0% | 2 | 1% | 43 | 4% | 53 | 5% |
| American Indian | 0 | 0% | 0 | 0% | 11 | 1% | 14 | 1% |
| Asian American | 3 | 15% | 44 | 22% | 201 | 20% | 216 | 19% |
| Caucasian | 10 | 50% | 80 | 41% | 526 | 51% | 580 | 50% |
| Hawaiian/Pacific Islander | 0 | 0% | 2 | 1% | 6 | 1% | 8 | 1% |
| Hispanic/Latino | 1 | 5% | 8 | 4% | 59 | 6% | 70 | 6% |
| Other/Not Indicated | 6 | 30% | 60 | 31% | 182 | 18% | 215 | 19% |
| International | 6 | 30% | 55 | 28% | 163 | 16% | 195 | 17% |

## Current Status

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| Employed for pay full time | 13 | 65% | 144 | 73% | 818 | 80% | 891 | 77% |
| Employed for pay part time | 0 | 0% | 1 | 1% | 43 | 4% | 47 | 4% |
| Participating in a volunteer or service program | 0 | 0% | 1 | 1% | 4 | 0% | 5 | 0% |
| Serving in the U.S. military | 0 | 0% | 4 | 2% | 6 | 1% | 7 | 1% |
| Enrolled in a certificate or degree program | 4 | 20% | 28 | 14% | 67 | 7% | 95 | 8% |
| Planning to continue education | 0 | 0% | 1 | 1% | 4 | 0% | 4 | 0% |
| Seeking employment | 2 | 10% | 12 | 6% | 62 | 6% | 76 | 7% |
| A fellowship | 0 | 0% | 2 | 1% | 15 | 1% | 19 | 2% |
| Not seeking employment or continuing education | 1 | 5% | 3 | 2% | 9 | 1% | 12 | 1% |

## Employed Full Time or Part time

### Type of employment

| | Mechanical Engineering | | College Of Engineering | | All Professional | | UW Seattle | |
|---|---|---|---|---|---|---|---|---|
| | N | % | N | % | N | % | N | % |
| Employee working for a company or organization | 11 | 92% | 131 | 95% | 789 | 95% | 855 | 94% |
| Entrepreneur/self-employed | 0 | 0% | 2 | 1% | 8 | 1% | 9 | 1% |
| Temporary/contract work assignment | 1 | 8% | 2 | 1% | 20 | 2% | 21 | 2% |
| Freelance | 0 | 0% | 0 | 0% | 1 | 0% | 1 | 0% |
| Postgraduate internship or fellowship | 0 | 0% | 1 | 1% | 3 | 0% | 4 | 0% |
| Faculty tenure track position | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Faculty non-tenure track position | 0 | 0% | 0 | 0% | 5 | 1% | 10 | 1% |
| Other | 0 | 0% | 2 | 1% | 8 | 1% | 9 | 1% |

### Career related

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| Yes | 12 | 100% | 136 | 99% | 806 | 96% | 877 | 96% |
| No | 0 | 0% | 2 | 1% | 31 | 4% | 35 | 4% |

### Job location

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| King, Pierce, Snohomish counties | 8 | 67% | 79 | 58% | 577 | 70% | 619 | 69% |
| Other Washington | 0 | 0% | 3 | 2% | 33 | 4% | 35 | 4% |
| Alaska, Idaho, Oregon | 0 | 0% | 9 | 7% | 25 | 3% | 27 | 3% |
| California, Hawaii | 1 | 8% | 18 | 13% | 61 | 7% | 68 | 8% |
| Mountain states | 0 | 0% | 2 | 1% | 23 | 3% | 27 | 3% |
| Central states | 0 | 0% | 4 | 3% | 19 | 2% | 21 | 2% |
| Eastern states | 2 | 17% | 15 | 11% | 59 | 7% | 67 | 7% |
| International | 1 | 8% | 6 | 4% | 33 | 4% | 38 | 4% |

### Type of employer

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| For-profit company | 11 | 100% | 103 | 80% | 450 | 56% | 485 | 56% |
| Non-profit/NGO | 0 | 0% | 4 | 3% | 113 | 14% | 123 | 14% |
| Government | 0 | 0% | 17 | 13% | 218 | 27% | 238 | 28% |
| Other | 0 | 0% | 5 | 4% | 17 | 2% | 19 | 2% |

### Search time (weeks)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| N | | 8 | | 67 | | 482 | | 528 |
| Mean | | 10.8 | | 10.5 | | 11.0 | | 11.0 |
| SD | | 9 | | 10 | | 9 | | 10 |
| Range | 3 | 25 | 0 | 52 | 0 | 52 | 0 | 54 |

### Salary

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| N | | 10 | | 122 | | 695 | | 749 |
| Mean | | 88,063 | | 111,171 | | 102,256 | | 101,925 |
| SD | | 20,242 | | 41,576 | | 57,955 | | 60,824 |
| Range | 35,000 | 109,000 | 35,000 | 350,000 | 16,110 | 900,000 | 16,110 | 900,000 |

### First year bonus

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| N | | 3 | | 44 | | 210 | | 221 |
| Mean | | 20,000 | | 18,388 | | 21,123 | | 21,477 |
| SD | | 17,500 | | 13,829 | | 20,324 | | 20,652 |
| Range | 7,500 | 40,000 | 2,000 | 50,000 | 300 | 105,000 | 300 | 105,000 |

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|---|---|---|---|---|---|---|---|---|

## Participating in a Volunteer or Service Program

### Program location

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| King, Pierce, Snohomish counties | 0 | 0% | 0 | 0% | 2 | 67% | 2 | 50% |
| Other Washington | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Alaska, Idaho, Oregon | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| California, Hawaii | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Mountain states | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Central states | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Eastern states | 0 | 0% | 0 | 0% | 1 | 33% | 1 | 25% |
| International | 0 | 0% | 0 | 0% | 0 | 0% | 1 | 25% |

## Serving in the US Military

### Service branch

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| Air Force | 0 | 0% | 1 | 25% | 1 | 17% | 1 | 14% |
| Army | 0 | 0% | 0 | 0% | 1 | 17% | 2 | 29% |
| Coast Guard | 0 | 0% | 2 | 50% | 2 | 33% | 2 | 29% |
| Marine Corps | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Navy | 0 | 0% | 1 | 25% | 2 | 33% | 2 | 29% |

### Status

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| Active duty | 0 | 0% | 4 | 100% | 6 | 100% | 7 | 100% |
| Reserve | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| National Guard | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |

## Enrolled in Educational Program

### Degree program

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| Certificate | 0 | 0% | 0 | 0% | 0 | 0% | 1 | 1% |
| Advanced Certificate | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Associate (AA/AS) | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Bachelor (BA/BS) | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Masters (MA/MS) – terminal degree | 0 | 0% | 1 | 4% | 4 | 7% | 5 | 6% |
| Masters (MA/MS) – leading to doctorate | 0 | 0% | 0 | 0% | 1 | 2% | 2 | 2% |
| Doctorate (PhD/EdD) | 4 | 100% | 25 | 96% | 49 | 80% | 72 | 83% |
| Professional (JD, MD, DDS, PharmD) | 0 | 0% | 0 | 0% | 7 | 11% | 7 | 8% |
| Non-Degree Seeking | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Postdoctoral Studies | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Other | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |

| | Mechanical Engineering | | College Of Engineering | | All Professional | | UW Seattle | |
|---|---|---|---|---|---|---|---|---|
| **School location** | | | | | | | | |
| | N | % | N | % | N | % | N | % |
| King, Pierce, Snohomish counties | 4 | 100% | 21 | 91% | 48 | 86% | 69 | 86% |
| Other Washington | 0 | 0% | 0 | 0% | 1 | 2% | 1 | 1% |
| Alaska, Idaho, Oregon | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| California, Hawaii | 0 | 0% | 0 | 0% | 3 | 5% | 3 | 4% |
| Mountain states | 0 | 0% | 0 | 0% | 1 | 2% | 1 | 1% |
| Central states | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Eastern states | 0 | 0% | 2 | 9% | 3 | 5% | 6 | 8% |
| International | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |

| | Mechanical Engineering | | College Of Engineering | | All Professional | | UW Seattle | |
|---|---|---|---|---|---|---|---|---|

## All Respondents

### Authorized to permanently work in the U.S.

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| Yes | 13 | 72% | 144 | 80% | 845 | 87% | 940 | 87% |
| No | 5 | 28% | 35 | 20% | 122 | 13% | 145 | 13% |

### Amount UW academic program ADVANCED LEARNING

1=Not at all; 2=Somewhat; 3=Moderately; 4=Very much

| | N | Mean | N | Mean | N | Mean | N | Mean |
|---|---|---|---|---|---|---|---|---|
| Acquiring deep knowledge in your chosen field of study | 18 | 3.3 | 167 | 3.3 | 928 | 3.3 | 1043 | 3.3 |
| Writing effectively | 18 | 2.8 | 167 | 2.8 | 923 | 3.0 | 1038 | 3.0 |
| Speaking effectively about ideas, projects, and plans | 17 | 2.9 | 167 | 2.8 | 921 | 3.0 | 1036 | 3.0 |
| Critically analyzing the research, technical literature, and/or performance in your field | 17 | 3.3 | 167 | 3.3 | 922 | 3.3 | 1033 | 3.3 |
| Identifying important questions in your field | 17 | 3.1 | 166 | 3.2 | 922 | 3.3 | 1036 | 3.3 |
| Identifying and using the best methods for answering specific questions in your field | 17 | 2.7 | 166 | 3.2 | 920 | 3.2 | 1030 | 3.2 |
| Knowing how to generate original/creative ideas, solutions, and research directions | 17 | 3.1 | 166 | 3.1 | 921 | 3.1 | 1034 | 3.1 |
| Knowing how to put research ideas into practice in your field | 17 | 2.9 | 165 | 3.0 | 916 | 3.0 | 1030 | 3.0 |
| Understanding ethics and ethical practice in your field | 17 | 2.7 | 166 | 2.8 | 918 | 3.2 | 1032 | 3.2 |
| Understanding, evaluating, and using the quantitative methods relevant to your field | 18 | 3.1 | 165 | 3.2 | 915 | 3.1 | 1028 | 3.1 |
| Mastering specialized instruments, computer programs, or materials important to your field | 18 | 2.9 | 164 | 3.0 | 918 | 2.7 | 1032 | 2.7 |
| Learning independently | 17 | 3.3 | 163 | 3.3 | 913 | 3.2 | 1027 | 3.2 |
| Working collaboratively with others within your field | 17 | 3.1 | 162 | 3.2 | 915 | 3.4 | 1028 | 3.3 |
| Working collaboratively with interdisciplinary groups | 17 | 2.9 | 164 | 2.8 | 918 | 3.1 | 1032 | 3.0 |
| Understanding and valuing diverse people and cultures | 17 | 2.8 | 163 | 3.0 | 917 | 3.3 | 1031 | 3.3 |
| Using self-reflection and self-assessment to guide next directions | 17 | 2.8 | 164 | 2.9 | 920 | 3.1 | 1034 | 3.1 |

## IMPORTANCE to current work and life

1=Not at all; 2=Somewhat; 3=Moderately; 4=Very

| | Mechanical Engineering | | College Of Engineering | | All Professional | | UW Seattle | |
|---|---|---|---|---|---|---|---|---|
| | N | Mean | N | Mean | N | Mean | N | Mean |
| Acquiring deep knowledge in your chosen field of study | 16 | 3.4 | 157 | 3.4 | 872 | 3.5 | 975 | 3.5 |
| Writing effectively | 16 | 3.3 | 156 | 3.2 | 869 | 3.4 | 971 | 3.4 |
| Speaking effectively about ideas, projects, and plans | 16 | 3.6 | 156 | 3.5 | 866 | 3.6 | 967 | 3.6 |
| Critically analyzing the research, technical literature, and/or performance in your field | 16 | 3.1 | 157 | 3.2 | 863 | 3.2 | 964 | 3.3 |
| Identifying important questions in your field | 16 | 3.2 | 157 | 3.4 | 865 | 3.4 | 966 | 3.4 |
| Identifying and using the best methods for answering specific questions in your field | 16 | 3.4 | 156 | 3.5 | 863 | 3.5 | 963 | 3.5 |
| Knowing how to generate original/creative ideas, solutions, and research directions | 16 | 3.6 | 155 | 3.4 | 863 | 3.4 | 964 | 3.4 |
| Knowing how to put research ideas into practice in your field | 16 | 3.4 | 156 | 3.2 | 861 | 3.2 | 961 | 3.2 |
| Understanding ethics and ethical practice in your field | 16 | 3.1 | 157 | 3.2 | 864 | 3.4 | 964 | 3.4 |
| Understanding, evaluating, and using the quantitative methods relevant to your field | 16 | 3.4 | 155 | 3.3 | 859 | 3.2 | 960 | 3.3 |
| Mastering specialized instruments, computer programs, or materials important to your field | 16 | 3.5 | 156 | 3.2 | 860 | 3.1 | 960 | 3.1 |
| Learning independently | 16 | 3.7 | 157 | 3.4 | 859 | 3.4 | 960 | 3.5 |
| Working collaboratively with others within your field | 16 | 3.8 | 157 | 3.7 | 860 | 3.7 | 961 | 3.7 |
| Working collaboratively with interdisciplinary groups | 16 | 3.6 | 155 | 3.5 | 861 | 3.6 | 962 | 3.6 |
| Understanding and valuing diverse people and cultures | 16 | 3.3 | 157 | 3.3 | 862 | 3.6 | 962 | 3.6 |
| Using self-reflection and self-assessment to guide next directions | 16 | 3.6 | 157 | 3.3 | 862 | 3.4 | 963 | 3.4 |

| | Mechanical Engineering | | College Of Engineering | | All Professional | | UW Seattle | |
|---|---|---|---|---|---|---|---|---|

## Overall UW experience

1=Poor; 2=Fair; 3=Good; 4=Excellent

| | N | Mean | N | Mean | N | Mean | N | Mean |
|---|---|---|---|---|---|---|---|---|
| The help you received from your graduate thesis (MA/MS graduates) or dissertation (PhD graduates) committee members | 16 | 3.0 | 144 | 2.9 | 826 | 3.1 | 925 | 3.0 |
| The help you received from graduate student colleagues | 18 | 3.3 | 157 | 3.1 | 881 | 3.2 | 990 | 3.2 |
| The help you received navigating the job market | 17 | 1.9 | 152 | 2.2 | 874 | 2.4 | 981 | 2.4 |
| Your overall learning experience at the UW | 18 | 3.2 | 159 | 3.1 | 878 | 3.2 | 985 | 3.2 |

1=Strongly Disagree; 2=Disagree; 3=Agree; 4=Strongly Agree

| | N | Mean | N | Mean | N | Mean | N | Mean |
|---|---|---|---|---|---|---|---|---|
| Faculty treated students respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin. | 18 | 3.6 | 159 | 3.6 | 884 | 3.6 | 990 | 3.6 |
| Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin. | 18 | 3.8 | 159 | 3.7 | 887 | 3.6 | 995 | 3.6 |
| Classrooms, labs, and other campus spaces were accessible. | 18 | 3.1 | 156 | 3.1 | 880 | 3.2 | 986 | 3.2 |
| If I had to make my college choice over again, I would choose to attend UW. | 18 | 3.3 | 159 | 3.3 | 889 | 3.4 | 998 | 3.3 |

1=Strongly Dissatisfied; 2= Dissatisfied; 3= Satisfied; 4= Strongly Satisfied

| | N | Mean | N | Mean | N | Mean | N | Mean |
|---|---|---|---|---|---|---|---|---|
| How satisfied are you with your overall experience at UW? | 17 | 3.1 | 159 | 3.3 | 881 | 3.3 | 989 | 3.3 |

# Current activity roster

## Employed Full Time or Part time

| Job title | Employing organization |
|---|---|
| Mechanical Design Engineer | Texas Instruments |
| MMR Auxiliary Systems Engineer | USNC |
| Mechanical/Structural Engineer | Boeing |
| Mechanical Engineer II | Amazon Prime Air |
| Robotics Infrastructure & DevOps Engineer | Augean Robotics |
| Strategy Analyst | Deloitte |
| Mechanical Engineer | |
| Equipment Engineer | Micron |
| Production Engineer II | |
| mechanical engineer 1 | astronics |

## Enrolled in Educational Program

| Program of study | Institution |
|---|---|
| | University of Washington |
| Mechanical Engineering | University of Washington |
| | UW |
| | University of Washington |