

UW Alumni Survey Results 2019-2020 MASTERS Degree Recipients

	Applied Mathematics		A&S Natural Sciences		Arts & Sciences		UW Seattle	
Graduates Surveyed								
	N	%	N	%	N	%	N	%
Total	106	100%	301	100%	598	100%	4266	100%
Women	35	33%	148	49%	309	52%	2306	54%
Men	71	67%	153	51%	289	48%	1960	46%
African American	1	1%	9	3%	31	5%	161	4%
American Indian	0	0%	1	0%	6	1%	49	1%
Asian American	7	7%	24	8%	48	8%	666	16%
Caucasian	54	51%	153	51%	308	52%	2082	49%
Hawaiian/Pacific Islander	0	0%	4	1%	4	1%	20	0%
Hispanic/Latino	3	3%	17	6%	34	6%	293	7%
Other/Not Indicated	41	39%	93	31%	167	28%	995	23%
International	37	35%	84	28%	154	26%	915	21%
Survey Response Rates								
	N	%	N	%	N	%	N	%
Total	27	25%	69	23%	167	28%	1314	31%
Women	10	37%	33	48%	79	47%	726	55%
Men	17	63%	36	52%	88	53%	588	45%
African American	0	0%	2	3%	6	4%	31	2%
American Indian	0	0%	1	1%	5	3%	14	1%
Asian American	2	7%	7	10%	16	10%	209	16%
Caucasian	15	56%	35	51%	87	52%	702	53%
Hawaiian/Pacific Islander	0	0%	0	0%	0	0%	6	0%
Hispanic/Latino	1	4%	4	6%	14	8%	97	7%
Other/Not Indicated	9	33%	20	29%	39	23%	255	19%
International	8	30%	17	25%	36	22%	232	18%
Current Status								
	N	%	N	%	N	%	N	%
Employed for pay full time	19	70%	37	54%	77	46%	898	68%
Employed for pay part time	3	11%	4	6%	16	10%	87	7%
Participating in a volunteer or service program	0	0%	1	1%	4	2%	5	0%
Serving in the U.S. military	0	0%	0	0%	0	0%	9	1%
Enrolled in a program of continuing education	4	15%	18	26%	35	21%	126	10%
Planning to continue education	0	0%	0	0%	2	1%	9	1%
Seeking employment	1	4%	5	7%	22	13%	135	10%
Not seeking employment or continuing education	0	0%	2	3%	4	2%	15	1%
Other	0	0%	2	3%	7	4%	30	2%

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Employed Full Time or Part time**Type of employment**

	N	%	N	%	N	%	N	%
Employee working for a company or organization	19	95%	33	87%	72	81%	840	87%
Entrepreneur/self-employed	1	5%	2	5%	2	2%	9	1%
Temporary/contract work assignment	0	0%	0	0%	6	7%	54	6%
Freelance	0	0%	0	0%	0	0%	1	0%
Postgraduate internship or fellowship	0	0%	1	3%	2	2%	27	3%
Faculty tenure track position	0	0%	0	0%	1	1%	7	1%
Faculty non-tenure track position	0	0%	0	0%	1	1%	6	1%
Other	0	0%	2	5%	5	6%	17	2%

Career related

	N	%	N	%	N	%	N	%
Yes	15	75%	32	84%	78	88%	909	95%
No	5	25%	6	16%	11	12%	52	5%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	8	42%	21	57%	52	59%	658	69%
Other Washington	0	0%	0	0%	2	2%	44	5%
Alaska, Idaho, Oregon	1	5%	1	3%	3	3%	43	5%
California, Hawaii	3	16%	6	16%	13	15%	62	7%
Mountain states	0	0%	0	0%	1	1%	18	2%
Central states	1	5%	1	3%	4	5%	21	2%
Eastern states	3	16%	4	11%	6	7%	65	7%
International	3	16%	4	11%	7	8%	39	4%

Type of employer

	N	%	N	%	N	%	N	%
For-profit company	17	89%	23	68%	51	62%	490	53%
Non-profit/NGO	0	0%	5	15%	10	12%	139	15%
Government	1	5%	5	15%	18	22%	262	29%
Other	1	5%	1	3%	3	4%	27	3%

Search time (weeks)

	N		N		N		N	
	9		22		41		491	
Mean	14.0		8.5		10.2		11.8	
SD	11		9		8		10	
Range	0 30		0 30		0 30		0 50	

Salary

	N		N		N		N	
	14		27		61		717	
Mean	110,286		88,093		84,668		89,828	
SD	44,378		43,788		45,976		56,192	
Range	45,000 175,000		30,000 175,000		10,000 250,000		10,000 950,000	

First year bonus

	N		N		N		N	
	5		5		10		177	
Mean	17,200		17,200		14,450		24,034	
SD	7,530		7,530		10,797		39,024	
Range	10,000 30,000		10,000 30,000		1,500 35,000		500 400,000	

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Participating in a Volunteer or Service Program**Program location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	0	0%	1	100%	2	67%	2	67%
Other Washington	0	0%	0	0%	0	0%	0	0%
Alaska, Idaho, Oregon	0	0%	0	0%	1	33%	1	33%
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%	0	0%	0	0%
International	0	0%	0	0%	0	0%	0	0%

Serving in the US Military**Service branch**

	N	%	N	%	N	%	N	%
Air Force	0	0%	0	0%	0	0%	2	22%
Army	0	0%	0	0%	0	0%	3	33%
Coast Guard	0	0%	0	0%	0	0%	1	11%
Marine Corps	0	0%	0	0%	0	0%	0	0%
Navy	0	0%	0	0%	0	0%	3	33%

Status

	N	%	N	%	N	%	N	%
Active duty	0	0%	0	0%	0	0%	9	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%	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%	0	0%	1	3%	6	5%
Masters (MA/MS) – leading to doctorate	1	33%	1	6%	1	3%	2	2%
Doctorate (PhD/EdD)	2	67%	16	94%	29	91%	104	87%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	1	3%	6	5%
Other	0	0%	0	0%	0	0%	0	0%

School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	3	100%	13	81%	22	73%	85	75%
Other Washington	0	0%	0	0%	0	0%	1	1%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	1	1%
California, Hawaii	0	0%	0	0%	1	3%	1	1%
Mountain states	0	0%	0	0%	0	0%	0	0%
Central states	0	0%	0	0%	1	3%	3	3%
Eastern states	0	0%	3	19%	6	20%	17	15%
International	0	0%	0	0%	0	0%	5	4%

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All Respondents**Authorized to permanently work in the U.S.**

	N	%	N	%	N	%	N	%
Yes	15	65%	46	75%	124	82%	1064	85%
No	8	35%	15	25%	28	18%	188	15%

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	24	3.5	59	3.5	147	3.4	1198	3.4
Writing effectively	24	2.6	59	2.8	145	3.0	1189	3.0
Speaking effectively about ideas, projects, and plans	23	2.1	58	2.6	146	2.9	1193	3.0
Critically analyzing the research, technical literature, and/or performance in your field	24	2.8	58	3.1	146	3.3	1193	3.3
Identifying important questions in your field	24	2.8	59	2.9	147	3.1	1191	3.3
Identifying and using the best methods for answering specific questions in your field	24	3.0	59	3.1	146	3.0	1192	3.2
Knowing how to generate original/creative ideas, solutions, and research directions	24	2.6	59	2.8	146	3.0	1191	3.1
Knowing how to put research ideas into practice in your field	24	2.7	59	2.9	145	3.0	1183	3.0
Understanding ethics and ethical practice in your field	24	2.2	59	2.5	146	2.9	1187	3.1
Understanding, evaluating, and using the quantitative methods relevant to your field	24	3.2	59	3.3	146	2.9	1186	3.1
Mastering specialized instruments, computer programs, or materials important to your field	24	3.1	59	3.1	145	2.7	1186	2.7
Learning independently	24	3.2	58	3.2	145	3.4	1177	3.2
Working collaboratively with others within your field	24	2.6	59	2.9	145	3.0	1185	3.3
Working collaboratively with interdisciplinary groups	24	2.4	59	2.7	146	2.7	1188	3.0
Understanding and valuing diverse people and cultures	24	2.3	59	2.6	146	3.0	1182	3.2
Using self-reflection and self-assessment to guide next directions	24	2.6	59	2.8	146	3.0	1187	3.0

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IMPORTANCE to current work and life

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

	N	Mean	N	Mean	N	Mean	N	Mean
Acquiring deep knowledge in your chosen field of study	21	3.3	56	3.5	140	3.4	1129	3.5
Writing effectively	21	2.9	56	3.2	139	3.3	1118	3.4
Speaking effectively about ideas, projects, and plans	21	3.2	56	3.4	139	3.4	1120	3.5
Critically analyzing the research, technical literature, and/or performance in your field	21	2.9	56	3.3	139	3.4	1120	3.3
Identifying important questions in your field	21	2.8	56	3.1	139	3.3	1122	3.5
Identifying and using the best methods for answering specific questions in your field	21	3.4	56	3.6	138	3.5	1118	3.5
Knowing how to generate original/creative ideas, solutions, and research directions	21	2.9	56	3.3	139	3.5	1122	3.5
Knowing how to put research ideas into practice in your field	21	3.0	55	3.3	138	3.3	1123	3.3
Understanding ethics and ethical practice in your field	21	2.8	56	3.1	139	3.3	1123	3.5
Understanding, evaluating, and using the quantitative methods relevant to your field	21	3.2	56	3.3	139	3.1	1120	3.3
Mastering specialized instruments, computer programs, or materials important to your field	21	3.2	56	3.4	139	3.1	1119	3.2
Learning independently	21	3.2	55	3.4	137	3.4	1117	3.5
Working collaboratively with others within your field	20	3.2	55	3.5	137	3.5	1115	3.7
Working collaboratively with interdisciplinary groups	21	3.0	56	3.4	139	3.4	1122	3.6
Understanding and valuing diverse people and cultures	21	2.8	55	3.2	138	3.4	1120	3.6
Using self-reflection and self-assessment to guide next directions	21	2.8	56	3.3	139	3.4	1121	3.5

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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	18	2.8	50	2.8	133	3.0	1066	3.0
The help you received from graduate student colleagues	21	2.8	56	2.9	140	2.9	1141	3.2
The help you received navigating the job market	20	2.0	55	2.0	139	2.0	1126	2.3
Your overall learning experience at the UW	22	3.3	55	3.1	138	3.1	1124	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.	22	3.7	56	3.4	140	3.4	1147	3.5
Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	21	3.6	56	3.4	139	3.6	1147	3.6
Classrooms, labs, and other campus spaces were accessible.	21	3.2	56	3.4	140	3.4	1144	3.4
If I had to make my college choice over again, I would choose to attend UW.	22	3.5	56	3.2	140	3.1	1150	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?	22	3.5	57	3.2	138	3.1	1132	3.3

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Analyst	
Funding analyst	HomeStreet bank
Adjunct Faculty	Brigham Young University - Idaho
Data Scientist	Ruxton Advisors
Engineer	Boeing
Analytics Manager	Amazon
business consultant	
Research Analyst	The H Holdings
Quantitative Analyst	
Data Scientist	
Senior Data Scientist	Wells Fargo
Systems Engineer	Booz Allen Hamilton
Server	Nana's Green Tea
Research Scientist	Facebook Inc.
Software Engineer	The Boeing Company
Software Engineer	
GNSS Software Engineer	

Enrolled in Educational Program

Program of study	Institution
	University of Washington
Mechanical Engineering	University of Washington
Applied Mathematics	University of Washington