

UW Alumni Survey Results 2015-2016 MASTERS Degree Recipients

	Applied Mathematics		A&S Natural Sciences		Arts & Sciences		UW Seattle	
Graduates Surveyed								
	N	%	N	%	N	%	N	%
Total	84	100%	217	100%	505	100%	3577	100%
Women	23	27%	96	44%	261	52%	1888	53%
Men	61	73%	121	56%	244	48%	1689	47%
African American	2	2%	3	1%	15	3%	115	3%
American Indian	0	0%	2	1%	5	1%	46	1%
Asian American	6	7%	19	9%	39	8%	458	13%
Caucasian	32	38%	118	54%	285	56%	1993	56%
Hawaiian/Pacific Islander	0	0%	0	0%	0	0%	18	1%
Hispanic/Latino	2	2%	7	3%	22	4%	205	6%
Other/Not Indicated	42	50%	68	31%	139	28%	742	21%
International	37	44%	60	28%	127	25%	657	18%
Survey Response Rates								
	N	%	N	%	N	%	N	%
Total	23	27%	60	28%	174	34%	1303	36%
Women	6	26%	28	47%	100	57%	727	56%
Men	17	74%	32	53%	74	43%	576	44%
African American	2	9%	2	3%	4	2%	38	3%
American Indian	0	0%	1	2%	2	1%	23	2%
Asian American	2	9%	3	5%	7	4%	162	12%
Caucasian	13	57%	42	70%	118	68%	787	60%
Hawaiian/Pacific Islander	0	0%	0	0%	0	0%	8	1%
Hispanic/Latino	1	4%	2	3%	7	4%	76	6%
Other/Not Indicated	5	22%	10	17%	36	21%	209	16%
International	4	17%	9	15%	33	19%	180	14%
Current Status								
	N	%	N	%	N	%	N	%
Employed for pay full time	15	65%	34	57%	93	53%	961	74%
Employed for pay part time	2	9%	7	12%	10	6%	77	6%
Participating in a volunteer or service program	0	0%	0	0%	1	1%	8	1%
Serving in the U.S. military	0	0%	0	0%	2	1%	6	0%
Enrolled in a program of continuing education	5	22%	14	23%	44	25%	110	8%
Planning to continue education	0	0%	1	2%	3	2%	11	1%
Seeking employment	1	4%	1	2%	14	8%	87	7%
Not seeking employment or continuing education	0	0%	2	3%	3	2%	15	1%
Other	0	0%	1	2%	4	2%	28	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	14	88%	32	84%	79	81%	875	88%
Entrepreneur/self-employed	0	0%	0	0%	2	2%	20	2%
Temporary/contract work assignment	1	6%	3	8%	10	10%	46	5%
Freelance	0	0%	0	0%	0	0%	2	0%
Postgraduate internship or fellowship	0	0%	1	3%	2	2%	21	2%
Faculty tenure track position	0	0%	0	0%	0	0%	5	1%
Faculty non-tenure track position	1	6%	1	3%	3	3%	15	2%
Other	0	0%	1	3%	2	2%	14	1%

Career related

	N	%	N	%	N	%	N	%
Yes	15	94%	35	92%	87	89%	953	95%
No	1	6%	3	8%	11	11%	47	5%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	6	38%	20	54%	65	67%	686	69%
Other Washington	1	6%	2	5%	3	3%	36	4%
Alaska, Idaho, Oregon	0	0%	1	3%	1	1%	32	3%
California, Hawaii	0	0%	1	3%	2	2%	63	6%
Mountain states	2	13%	5	14%	7	7%	29	3%
Central states	3	19%	3	8%	7	7%	30	3%
Eastern states	3	19%	4	11%	9	9%	62	6%
International	1	6%	1	3%	3	3%	53	5%

Type of employer

	N	%	N	%	N	%	N	%
Private	13	81%	20	56%	49	53%	451	48%
Non-profit/NGO	1	6%	6	17%	13	14%	177	19%
Government	2	13%	9	25%	28	30%	272	29%
Other	0	0%	1	3%	3	3%	43	5%

Search time (weeks)

	N		N		N		N	
		8		25		51		520
Mean		8.8		9.4		10.3		10.9
SD		9		8		9		10
Range	0	26	0	32	0	36	0	52

Salary

	N		N		N		N	
		12		28		72		738
Mean		80,583		67,243		69,603		76,618
SD		47,767		35,978		33,391		41,086
Range	22,000	212,000	20,000	212,000	20,000	212,000	20,000	480,000

First year bonus

	N		N		N		N	
		5		7		12		149
Mean		13,600		10,643		10,804		18,164
SD		12,260		11,324		10,973		28,878
Range	5,000	34,000	500	34,000	150	34,000	100	275,000

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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%	0	0%	4	57%
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%	1	14%
Eastern states	0	0%	0	0%	0	0%	0	0%
International	0	0%	0	0%	0	0%	2	29%

Serving in the US Military**Service branch**

	N	%	N	%	N	%	N	%
Air Force	0	0%	0	0%	0	0%	1	17%
Army	0	0%	0	0%	2	100%	4	67%
Coast Guard	0	0%	0	0%	0	0%	0	0%
Marine Corps	0	0%	0	0%	0	0%	0	0%
Navy	0	0%	0	0%	0	0%	1	17%

Status

	N	%	N	%	N	%	N	%
Active duty	0	0%	0	0%	2	100%	5	83%
Reserve	0	0%	0	0%	0	0%	1	17%
National Guard	0	0%	0	0%	0	0%	0	0%

Enrolled in Educational Program**Degree program**

	N	%	N	%	N	%	N	%
Certificate	0	0%	1	7%	3	7%	4	4%
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%	3	7%	6	6%
Masters (MA/MS) – leading to doctorate	0	0%	0	0%	0	0%	1	1%
Doctorate (PhD/EdD)	5	100%	12	86%	32	78%	86	82%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	1	2%	5	5%
Other	0	0%	0	0%	0	0%	0	0%

School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	3	60%	12	86%	32	78%	84	80%
Other Washington	0	0%	0	0%	0	0%	1	1%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	0	0%
California, Hawaii	0	0%	0	0%	1	2%	2	2%
Mountain states	1	20%	1	7%	1	2%	3	3%
Central states	1	20%	1	7%	2	5%	5	5%
Eastern states	0	0%	0	0%	2	5%	5	5%
International	0	0%	0	0%	3	7%	5	5%

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

	N	%	N	%	N	%	N	%
Yes	17	81%	48	87%	135	85%	1071	89%
No	4	19%	7	13%	23	15%	131	11%

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	21	3.7	53	3.7	153	3.5	1146	3.4
Writing effectively	21	2.7	53	3.0	153	3.1	1141	3.0
Speaking effectively about ideas, projects, and plans	21	2.9	53	3.0	153	3.0	1145	3.0
Critically analyzing the research, technical literature, and/or performance in your field	21	3.5	51	3.6	151	3.4	1140	3.3
Identifying important questions in your field	21	3.5	53	3.2	153	3.3	1143	3.4
Identifying and using the best methods for answering specific questions in your field	21	3.5	53	3.3	153	3.1	1141	3.2
Knowing how to generate original/creative ideas, solutions, and research directions	21	3.2	52	2.9	152	3.1	1141	3.1
Knowing how to put research ideas into practice in your field	21	3.1	53	3.0	153	3.0	1141	3.0
Understanding ethics and ethical practice in your field	21	2.3	53	2.7	153	2.9	1142	3.1
Understanding, evaluating, and using the quantitative methods relevant to your field	21	3.8	53	3.5	153	2.9	1141	3.1
Mastering specialized instruments, computer programs, or materials important to your field	21	3.6	53	3.1	153	2.8	1141	2.7
Learning independently	21	3.8	53	3.5	153	3.4	1141	3.2
Working collaboratively with others within your field	21	3.0	52	3.1	152	3.1	1139	3.3
Working collaboratively with interdisciplinary groups	21	2.5	53	2.7	153	2.6	1141	2.9
Understanding and valuing diverse people and cultures	21	2.7	53	2.7	153	3.0	1142	3.1
Using self-reflection and self-assessment to guide next directions	21	2.9	53	3.0	153	3.1	1138	3.1

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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	3.8	51	3.7	147	3.7	1106	3.6
Writing effectively	21	3.3	51	3.5	148	3.6	1105	3.4
Speaking effectively about ideas, projects, and plans	21	3.3	51	3.4	147	3.5	1103	3.5
Critically analyzing the research, technical literature, and/or performance in your field	21	3.4	51	3.5	147	3.4	1101	3.3
Identifying important questions in your field	21	3.6	51	3.5	147	3.5	1098	3.4
Identifying and using the best methods for answering specific questions in your field	21	3.7	51	3.6	146	3.6	1100	3.5
Knowing how to generate original/creative ideas, solutions, and research directions	21	3.7	51	3.6	148	3.7	1101	3.5
Knowing how to put research ideas into practice in your field	21	3.7	50	3.6	146	3.6	1099	3.3
Understanding ethics and ethical practice in your field	21	3.0	51	3.3	147	3.4	1099	3.4
Understanding, evaluating, and using the quantitative methods relevant to your field	21	3.8	51	3.6	146	3.3	1095	3.2
Mastering specialized instruments, computer programs, or materials important to your field	21	3.7	51	3.5	147	3.3	1099	3.2
Learning independently	21	3.7	51	3.6	148	3.7	1099	3.5
Working collaboratively with others within your field	21	3.4	51	3.5	148	3.6	1100	3.6
Working collaboratively with interdisciplinary groups	21	3.1	51	3.5	148	3.5	1098	3.5
Understanding and valuing diverse people and cultures	21	3.0	51	3.3	148	3.5	1101	3.5
Using self-reflection and self-assessment to guide next directions	21	3.3	51	3.5	148	3.5	1100	3.4

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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	20	3.2	48	2.9	140	2.9	1025	2.9
The help you received from graduate student colleagues	21	3.1	52	3.0	148	3.0	1110	3.1
The help you received navigating the job market	20	2.7	51	2.4	146	2.3	1088	2.4
Your overall learning experience at the UW	21	3.6	52	3.3	148	3.2	1114	3.3

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.	21	3.9	52	3.4	149	3.6	1116	3.6
Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	21	3.8	52	3.6	149	3.6	1115	3.6
Classrooms, labs, and other campus spaces were accessible.	21	3.7	52	3.6	149	3.5	1106	3.5
If I had to make my college choice over again, I would choose to attend UW.	21	3.8	52	3.4	149	3.3	1114	3.5

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?	10	3.6	21	3.3	72	3.4	706	3.4

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Senior quantitative modelling Associate Investment Analyst	KeyBank
Quantitative Analyst data scientist	jd.com
Senior Computer Specialist	University of Washington
Leveraged Finance Research Analyst	TIAA
Sales associate Mathematician II	International Game Technology
Senior Manager of Investments Senior Analyst	Alliance Data Services
Financial Associate Teaching Fellow	Washington State University
Systems Engineer II Data Analyst	Raytheon
Investment Analyst Portfolio Analyst / Trader	The Gottman Institute

Enrolled in Educational Program

Program of study	Institution
Applied Mathematics	University of Colorado Boulder
Applied Mathematics	University of Washington
Applied Mathematics	University of Washington
	University of Washington
Finance	University of Houston