UW Alumni Survey Results
2017-2018 MASTERS Degree Recipients

Graduates Surveyed

	Applied Mathematics		A&S Natural Sciences		Arts & Sciences		UW Seattle	
	N	%	N	%	N	%	N	%
Total	99	100%	260	100%	571	100%	3923	100%
Women	38	38%	112	43%	292	51%	2110	54%
Men	61	62%	148	57%	279	49%	1813	46%
African American	1	1%	2	1%	15	3%	133	3%
American Indian	0	0%	2	1%	7	1%	44	1%
Asian American	14	14%	28	11%	53	9%	536	14%
Caucasian	37	37%	140	54%	325	57%	2033	52%
Hawaiian/Pacific Islander	1	1%	1	0%	1	0%	22	1%
Hispanic/Latino	2	2%	9	3%	24	4%	249	6%
Other/Not Indicated	44	44%	78	30%	146	26%	906	23%
International	42	42%	74	28%	136	24%	839	21%

Survey Response Rates

	N	%	N	%	N	%	N	%
Total	26	26%	69	27%	193	34%	1330	34%
Women	11	42%	34	49%	105	54%	745	56%
Men	15	58%	35	51%	88	46%	585	44%
African American	0	0%	0	0%	4	2%	45	3%
American Indian	0	0%	0	0%	3	2%	20	2%
Asian American	3	12%	5	7%	13	7%	171	13%
Caucasian	13	50%	42	61%	128	66%	732	55%
Hawaiian/Pacific Islander	1	4%	1	1%	1	1%	10	1%
Hispanic/Latino	1	4%	1	1%	5	3%	84	6%
Other/Not Indicated	8	31%	20	29%	39	20%	268	20%
International	8	31%	20	29%	36	19%	251	19%

Current Status

	N	%	N	%	N	%	N	%
Employed for pay full time	15	58%	31	45%	83	43%	971	73%
Employed for pay part time	2	8%	8	12%	20	10%	65	5%
Participating in a volunteer or service program	0	0%	0	0%	0	0%	7	1%
Serving in the U.S. military	0	0%	0	0%	4	2%	9	1%
Enrolled in a program of continuing education	6	23%	25	36%	51	26%	116	9%
Planning to continue education	0	0%	0	0%	1	1%	9	1%
Seeking employment	3	12%	4	6%	20	10%	98	7%
Not seeking employment or continuing education	0	0%	1	1%	4	2%	15	1%
Other	0	0%	0	0%	10	5%	40	3%

	Applied Mathematics		A&S Natural Sciences		Arts & Sciences		UW Seattle	

Employed Full Time or Part time

Type of employment

	N	%	N	%	N	%	N	%
Employee working for a company or organization	13	81%	25	71%	72	74%	862	87%
Entrepreneur/self-employed	1	6%	1	3%	2	2%	11	1%
Temporary/contract work assignment	1	6%	2	6%	5	5%	33	3%
Freelance	0	0%	0	0%	2	2%	4	0%
Postgraduate internship or fellowship	0	0%	2	6%	3	3%	23	2%
Faculty tenure track position	0	0%	0	0%	0	0%	7	1%
Faculty non-tenure track position	1	6%	2	6%	9	9%	19	2%
Other	0	0%	3	9%	4	4%	35	4%

Career related

	N	%	N	%	N	%	N	%
Yes	15	94%	32	94%	84	88%	936	95%
No	1	6%	2	6%	12	13%	53	5%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	4	27%	17	50%	55	57%	677	68%
Other Washington	2	13%	2	6%	4	4%	44	4%
Alaska, Idaho, Oregon	0	0%	1	3%	2	2%	36	4%
California, Hawaii	2	13%	2	6%	5	5%	77	8%
Mountain states	1	7%	1	3%	3	3%	20	2%
Central states	3	20%	5	15%	6	6%	32	3%
Eastern states	2	13%	5	15%	14	15%	61	6%
International	1	7%	1	3%	7	7%	44	4%

Type of employer

	N	%	N	%	N	%	N	%
For-profit company	10	67%	18	58%	37	42%	478	51%
Non-profit/NGO	2	13%	3	10%	10	11%	158	17%
Government	3	20%	9	29%	36	40%	263	28%
Other	0	0%	1	3%	6	7%	30	3%

Search time (weeks)

N		5		14		43		536
Mean		6.8		9.7		9.4		10.8
SD		4		12		12		10
Range	3	12	0	50	0	52	0	52

Salary

N		10		19		56		719
Mean		91,850		79,100		78,631		84,660
SD		37,720		34,442		69,784		49,771
Range	42,000	155,000	40,000	155,000	24,000	500,000	13,000	500,000

First year bonus

N		3		4		8		175
Mean		31,833		25,375		17,188		22,900
SD		19,939		20,782		16,759		46,775
Range	10,500	50,000	6,000	50,000	3,000	50,000	100	500,000

	Applied Mathematics		A&S Natural Sciences		Arts & Sciences		UW Seattle	

Participating in a Volunteer or Service Program

Program location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	0	0%	0	0%	0	0%	3	43%
Other Washington	0	0%	0	0%	0	0%	1	14%
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%	0	0%	1	14%
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%	1	25%	4	44%
Army	0	0%	0	0%	2	50%	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%	1	25%	1	11%

Status

	N	%	N	%	N	%	N	%
Active duty	0	0%	0	0%	4	100%	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%	1	1%
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%	2	4%	5	5%
Masters (MA/MS) – leading to doctorate	0	0%	0	0%	0	0%	0	0%
Doctorate (PhD/EdD)	6	100%	23	96%	44	92%	93	85%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	1	2%	9	8%
Other	0	0%	0	0%	0	0%	0	0%

School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	5	83%	19	86%	37	80%	88	83%
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%	2	4%	6	6%
Mountain states	0	0%	0	0%	2	4%	2	2%
Central states	0	0%	0	0%	1	2%	3	3%
Eastern states	1	17%	3	14%	3	7%	6	6%
International	0	0%	0	0%	1	2%	1	1%

	Applied Mathematics		A&S Natural Sciences		Arts & Sciences		UW Seattle	

All Respondents

Authorized to permanently work in the U.S.

	N	%	N	%	N	%	N	%
Yes	18	75%	46	75%	150	84%	1048	84%
No	6	25%	15	25%	29	16%	194	16%

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	23	3.3	58	3.4	172	3.3	1181	3.3
Writing effectively	23	1.9	58	2.5	172	2.8	1174	2.9
Speaking effectively about ideas, projects, and plans	23	2.0	57	2.5	170	2.7	1177	3.0
Critically analyzing the research, technical literature, and/or performance in your field	23	2.7	57	3.1	171	3.1	1177	3.2
Identifying important questions in your field	23	2.8	57	3.1	171	3.1	1178	3.3
Identifying and using the best methods for answering specific questions in your field	22	3.0	56	3.2	170	3.0	1176	3.1
Knowing how to generate original/creative ideas, solutions, and research directions	23	2.6	57	2.8	171	2.9	1176	3.0
Knowing how to put research ideas into practice in your field	23	2.7	57	2.8	171	2.8	1177	2.9
Understanding ethics and ethical practice in your field	23	1.8	57	2.2	170	2.6	1175	3.0
Understanding, evaluating, and using the quantitative methods relevant to your field	23	3.6	57	3.4	171	2.9	1175	3.0
Mastering specialized instruments, computer programs, or materials important to your field	23	3.3	57	3.1	171	2.6	1174	2.6
Learning independently	23	3.2	57	3.3	171	3.2	1172	3.2
Working collaboratively with others within your field	23	2.5	57	2.9	171	2.9	1174	3.2
Working collaboratively with interdisciplinary groups	23	2.2	57	2.4	171	2.5	1174	2.9
Understanding and valuing diverse people and cultures	23	2.2	57	2.4	171	2.9	1173	3.2
Using self-reflection and self-assessment to guide next directions	23	2.4	57	2.5	171	2.7	1175	3.0

IMPORTANCE to current work and life

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

	Applied Mathematics		A&S Natural Sciences		Arts & Sciences		UW Seattle	
	N	Mean	N	Mean	N	Mean	N	Mean
Acquiring deep knowledge in your chosen field of study	21	3.7	53	3.7	160	3.5	1124	3.5
Writing effectively	21	3.0	53	3.2	160	3.2	1121	3.4
Speaking effectively about ideas, projects, and plans	21	3.2	53	3.4	160	3.4	1121	3.5
Critically analyzing the research, technical literature, and/or performance in your field	21	3.4	53	3.6	159	3.2	1115	3.3
Identifying important questions in your field	21	3.3	53	3.6	160	3.3	1115	3.4
Identifying and using the best methods for answering specific questions in your field	21	3.7	53	3.6	160	3.5	1115	3.5
Knowing how to generate original/creative ideas, solutions, and research directions	21	3.3	53	3.6	160	3.5	1113	3.5
Knowing how to put research ideas into practice in your field	21	3.3	53	3.4	159	3.3	1111	3.3
Understanding ethics and ethical practice in your field	21	2.6	52	2.9	159	3.1	1113	3.4
Understanding, evaluating, and using the quantitative methods relevant to your field	21	3.7	53	3.6	159	3.2	1109	3.2
Mastering specialized instruments, computer programs, or materials important to your field	21	3.6	53	3.6	159	3.1	1112	3.2
Learning independently	21	3.5	53	3.6	159	3.4	1111	3.5
Working collaboratively with others within your field	21	3.2	52	3.4	158	3.4	1111	3.7
Working collaboratively with interdisciplinary groups	21	3.0	53	3.1	160	3.2	1113	3.6
Understanding and valuing diverse people and cultures	21	2.9	53	3.1	159	3.3	1112	3.5
Using self-reflection and self-assessment to guide next directions	21	3.0	53	3.4	160	3.4	1113	3.4

Overall UW experience

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

	Applied Mathematics N	Applied Mathematics Mean	A&S Natural Sciences N	A&S Natural Sciences Mean	Arts & Sciences N	Arts & Sciences Mean	UW Seattle N	UW Seattle Mean
The help you received from your graduate thesis (MA/MS graduates) or dissertation (PhD graduates) committee members	19	2.9	48	2.8	153	2.9	1060	2.9
The help you received from graduate student colleagues	22	3.1	55	3.1	162	3.0	1134	3.2
The help you received navigating the job market	21	2.0	51	2.1	156	2.1	1117	2.3
Your overall learning experience at the UW	22	3.1	55	3.0	162	3.0	1142	3.2

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

	Applied Mathematics N	Applied Mathematics Mean	A&S Natural Sciences N	A&S Natural Sciences Mean	Arts & Sciences N	Arts & Sciences Mean	UW Seattle N	UW Seattle Mean
Faculty treated students respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	22	3.5	55	3.5	163	3.5	1141	3.5
Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	22	3.5	55	3.6	163	3.5	1141	3.5
Classrooms, labs, and other campus spaces were accessible.	21	3.6	54	3.3	162	3.4	1136	3.4
If I had to make my college choice over again, I would choose to attend UW.	22	3.2	55	3.1	163	3.0	1142	3.3

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

	Applied Mathematics N	Applied Mathematics Mean	A&S Natural Sciences N	A&S Natural Sciences Mean	Arts & Sciences N	Arts & Sciences Mean	UW Seattle N	UW Seattle Mean
How satisfied are you with your overall experience at UW?	20	3.2	53	3.0	158	3.0	1128	3.2

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Data Analyst	Collegiate Baseball Scouting Network
Strategy Analyst	
Associate portfolio manager	Financial engines
Portfolio Manager	
Data analyst	IHME
Assistant Health Plan Specialist	Tokio Marine Pacific Insurance Limited
Bioinformatician	Fred Hutchinson Cancer Research Center
Guidance, Navigation, and Controls Engineer	The Boeing Company
business data analyst 2	Myvest
Senior Data Scientist	84.51
	Pacific Northwest National Laboratory
Associate Director of Product Management	
Associate Faculty of Mathematics	Renton Technical College, Edmonds Community College

Enrolled in Educational Program

Program of study	Institution
	Purdue
	University of Washington
	University of Washington
Applied Mathematics in UW	University of Washington
Applied Mathematics	University of Washington
	University of Washington