

UW Alumni Survey Results 2018-2019 MASTERS Degree Recipients

	Mechanical Engineering		College Of Engineering		All Professional		UW Seattle	
Graduates Surveyed								
	N	%	N	%	N	%	N	%
Total	123	100%	687	100%	3460	100%	4055	100%
Women	24	20%	201	29%	1898	55%	2200	54%
Men	99	80%	486	71%	1562	45%	1855	46%
African American	0	0%	15	2%	135	4%	148	4%
American Indian	1	1%	3	0%	42	1%	54	1%
Asian American	8	7%	107	16%	546	16%	615	15%
Caucasian	46	37%	257	37%	1714	50%	2020	50%
Hawaiian/Pacific Islander	0	0%	3	0%	24	1%	28	1%
Hispanic/Latino	1	1%	37	5%	212	6%	242	6%
Other/Not Indicated	67	54%	265	39%	787	23%	948	23%
International	67	54%	253	37%	736	21%	885	22%
Survey Response Rates								
	N	%	N	%	N	%	N	%
Total	39	32%	204	30%	1154	33%	1332	33%
Women	6	15%	63	31%	657	57%	741	56%
Men	33	85%	141	69%	497	43%	591	44%
African American	0	0%	5	2%	38	3%	43	3%
American Indian	0	0%	1	0%	9	1%	14	1%
Asian American	2	5%	30	15%	189	16%	210	16%
Caucasian	20	51%	92	45%	615	53%	717	54%
Hawaiian/Pacific Islander	0	0%	1	0%	7	1%	8	1%
Hispanic/Latino	0	0%	13	6%	63	5%	70	5%
Other/Not Indicated	17	44%	62	30%	233	20%	270	20%
International	17	44%	56	27%	212	18%	244	18%
Current Status								
	N	%	N	%	N	%	N	%
Employed for pay full time	24	62%	152	75%	889	77%	988	74%
Employed for pay part time	1	3%	5	2%	61	5%	81	6%
Participating in a volunteer or service program	0	0%	0	0%	4	0%	5	0%
Serving in the U.S. military	0	0%	3	1%	13	1%	14	1%
Enrolled in a program of continuing education	10	26%	28	14%	74	6%	108	8%
Planning to continue education	0	0%	1	0%	4	0%	4	0%
Seeking employment	2	5%	11	5%	78	7%	97	7%
Not seeking employment or continuing education	1	3%	2	1%	9	1%	9	1%
Other	1	3%	2	1%	22	2%	26	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	22	96%	139	91%	837	90%	925	89%
Entrepreneur/self-employed	0	0%	0	0%	5	1%	9	1%
Temporary/contract work assignment	1	4%	10	7%	41	4%	47	5%
Freelance	0	0%	0	0%	1	0%	5	0%
Postgraduate internship or fellowship	0	0%	2	1%	16	2%	18	2%
Faculty tenure track position	0	0%	0	0%	4	0%	6	1%
Faculty non-tenure track position	0	0%	0	0%	15	2%	16	2%
Other	0	0%	1	1%	8	1%	14	1%

Career related

	N	%	N	%	N	%	N	%
Yes	23	96%	145	95%	883	96%	980	94%
No	1	4%	7	5%	41	4%	58	6%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	12	50%	98	65%	652	71%	726	70%
Other Washington	1	4%	6	4%	36	4%	36	3%
Alaska, Idaho, Oregon	0	0%	2	1%	22	2%	25	2%
California, Hawaii	6	25%	18	12%	63	7%	69	7%
Mountain states	1	4%	3	2%	16	2%	21	2%
Central states	0	0%	4	3%	25	3%	32	3%
Eastern states	1	4%	11	7%	60	7%	67	6%
International	3	13%	9	6%	46	5%	57	6%

Type of employer

	N	%	N	%	N	%	N	%
For-profit company	21	95%	126	86%	484	54%	539	54%
Non-profit/NGO	0	0%	3	2%	136	15%	150	15%
Government	1	5%	18	12%	258	29%	282	28%
Other	0	0%	0	0%	14	2%	20	2%

Search time (weeks)

	N		N		N		N	
	14		70		497		550	
Mean	18.3		11.4		10.8		10.9	
SD	13		12		9		10	
Range	0 50		0 52		0 52		0 52	

Salary

	N		N		N		N	
	16		109		689		761	
Mean	97,156		98,989		85,120		84,446	
SD	20,542		33,067		42,382		43,568	
Range	67,000 145,000		10,000 250,000		10,000 450,000		10,000 450,000	

First year bonus

	N		N		N		N	
	6		31		160		175	
Mean	7,333		20,377		22,682		22,695	
SD	4,601		23,128		22,765		25,209	
Range	2,500 15,000		1,000 100,000		500 150,000		250 180,000	

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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%	3	75%
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%	1	33%	1	25%
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%	1	33%	3	25%	4	31%
Army	0	0%	0	0%	4	33%	4	31%
Coast Guard	0	0%	0	0%	0	0%	0	0%
Marine Corps	0	0%	0	0%	1	8%	1	8%
Navy	0	0%	2	67%	4	33%	4	31%

Status

	N	%	N	%	N	%	N	%
Active duty	0	0%	3	100%	13	100%	13	93%
Reserve	0	0%	0	0%	0	0%	0	0%
National Guard	0	0%	0	0%	0	0%	1	7%

Enrolled in Educational Program**Degree program**

	N	%	N	%	N	%	N	%
Certificate	0	0%	0	0%	1	1%	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	1	10%	1	4%	8	12%	9	9%
Masters (MA/MS) – leading to doctorate	0	0%	0	0%	2	3%	2	2%
Doctorate (PhD/EdD)	9	90%	24	96%	55	81%	87	86%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	2	3%	2	2%
Other	0	0%	0	0%	0	0%	0	0%

School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	7	70%	19	76%	51	76%	75	77%
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%	1	1%	4	4%
Mountain states	0	0%	0	0%	2	3%	2	2%
Central states	1	10%	1	4%	2	3%	2	2%
Eastern states	2	20%	5	20%	9	13%	12	12%
International	0	0%	0	0%	2	3%	3	3%

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

	N	%	N	%	N	%	N	%
Yes	19	56%	140	76%	913	85%	1054	84%
No	15	44%	45	24%	166	15%	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	31	3.5	172	3.3	1018	3.3	1177	3.4
Writing effectively	31	2.9	172	2.7	1014	3.0	1174	3.0
Speaking effectively about ideas, projects, and plans	31	3.0	172	2.8	1013	3.0	1173	3.0
Critically analyzing the research, technical literature, and/or performance in your field	31	3.4	172	3.3	1014	3.3	1174	3.3
Identifying important questions in your field	31	3.2	172	3.2	1015	3.3	1175	3.3
Identifying and using the best methods for answering specific questions in your field	31	3.1	172	3.2	1014	3.2	1174	3.2
Knowing how to generate original/creative ideas, solutions, and research directions	31	3.1	172	3.1	1014	3.1	1174	3.1
Knowing how to put research ideas into practice in your field	31	3.0	172	3.0	1013	3.0	1172	3.0
Understanding ethics and ethical practice in your field	31	2.8	172	2.7	1013	3.1	1173	3.1
Understanding, evaluating, and using the quantitative methods relevant to your field	31	3.4	171	3.2	1011	3.1	1170	3.1
Mastering specialized instruments, computer programs, or materials important to your field	31	3.2	172	3.0	1013	2.7	1173	2.7
Learning independently	31	3.4	170	3.3	1008	3.2	1168	3.3
Working collaboratively with others within your field	31	3.2	171	3.2	1011	3.3	1170	3.3
Working collaboratively with interdisciplinary groups	31	2.9	171	2.8	1010	3.1	1170	3.0
Understanding and valuing diverse people and cultures	31	3.0	172	2.9	1012	3.2	1172	3.2
Using self-reflection and self-assessment to guide next directions	31	2.9	171	2.9	1013	3.1	1173	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	27	3.7	164	3.5	966	3.6	1116	3.6
Writing effectively	27	3.4	161	3.3	959	3.4	1109	3.4
Speaking effectively about ideas, projects, and plans	27	3.4	161	3.5	960	3.6	1110	3.5
Critically analyzing the research, technical literature, and/or performance in your field	27	3.4	160	3.2	958	3.3	1108	3.3
Identifying important questions in your field	27	3.4	160	3.3	958	3.4	1108	3.4
Identifying and using the best methods for answering specific questions in your field	27	3.6	162	3.5	961	3.5	1111	3.5
Knowing how to generate original/creative ideas, solutions, and research directions	27	3.6	161	3.4	960	3.4	1109	3.4
Knowing how to put research ideas into practice in your field	27	3.2	161	3.1	960	3.2	1110	3.3
Understanding ethics and ethical practice in your field	27	3.2	161	3.2	960	3.4	1110	3.4
Understanding, evaluating, and using the quantitative methods relevant to your field	26	3.6	160	3.3	959	3.3	1108	3.3
Mastering specialized instruments, computer programs, or materials important to your field	27	3.8	161	3.3	960	3.2	1110	3.2
Learning independently	27	3.6	160	3.5	954	3.5	1103	3.5
Working collaboratively with others within your field	27	3.7	161	3.6	960	3.7	1109	3.7
Working collaboratively with interdisciplinary groups	27	3.6	161	3.5	961	3.6	1110	3.6
Understanding and valuing diverse people and cultures	27	3.2	161	3.2	957	3.6	1105	3.5
Using self-reflection and self-assessment to guide next directions	27	3.4	161	3.3	961	3.5	1110	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	28	3.1	152	3.0	895	2.9	1039	3.0
The help you received from graduate student colleagues	28	3.1	166	3.2	979	3.2	1131	3.2
The help you received navigating the job market	28	2.1	163	2.2	968	2.3	1118	2.3
Your overall learning experience at the UW	28	3.3	166	3.2	985	3.2	1138	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.	28	3.8	165	3.7	981	3.5	1135	3.5
Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	28	3.6	165	3.7	984	3.5	1137	3.5
Classrooms, labs, and other campus spaces were accessible.	28	3.4	163	3.5	977	3.4	1128	3.4
If I had to make my college choice over again, I would choose to attend UW.	28	3.5	166	3.4	984	3.4	1138	3.4

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?	28	3.3	165	3.3	981	3.3	1130	3.3

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Production Engineer	Boeing
Research Engineer	University of Washington
	Katerra Inc
Engineer	
Quality Control Engineer	
Mechanical Engineering Intern	Lucid Motors
Reliability Engineer	Corning
Stress Engineer	Boeing
Structural Engineer	Sierra Nevada Corporation
Software Engineer	AppFolio Inc.
Software Engineer	
Consulting Engineer	Kent Engineering
Research and Development Engineer	Sonomotion Inc.
Equipment engineer	
Mechanical Engineer	Microsoft
Engineer	
Control Systems Engineer	Fresh Consulting
Software Engineer	Zune Inc.
Mechanical Engineer II	Applied Materials, Inc.
Mechanical Design Engineer	Philips
Research and development engineer	Boeing
Software Engineer	

Enrolled in Educational Program

Program of study	Institution
Mechanical engineering	University of Washington
	CCNY
Engineering	University of Washington
	Carnegie Mellon University
Mechanical Engineering	University of Washington
Mechanical Engineering	University of Washington
	University of Washington
Computer Science	The University of Texas at Dallas
Mechanical engineering	UW
Aeronautics and astronautics engineering	University of Washington