UW Alumni Survey Results
2019-2020 MASTERS Degree Recipients

Graduates Surveyed

	Mechanical Engineering		College Of Engineering		All Professional		UW Seattle	
	N	%	N	%	N	%	N	%
Total	111	100%	782	100%	3669	100%	4266	100%
Women	21	19%	244	31%	1997	54%	2306	54%
Men	90	81%	538	69%	1672	46%	1960	46%
African American	1	1%	9	1%	130	4%	161	4%
American Indian	1	1%	8	1%	43	1%	49	1%
Asian American	9	8%	122	16%	618	17%	666	16%
Caucasian	45	41%	322	41%	1774	48%	2082	49%
Hawaiian/Pacific Islander	0	0%	3	0%	16	0%	20	0%
Hispanic/Latino	2	2%	39	5%	260	7%	293	7%
Other/Not Indicated	53	48%	279	36%	828	23%	995	23%
International	51	46%	265	34%	761	21%	915	21%

Survey Response Rates

	N	%	N	%	N	%	N	%
Total	40	36%	229	29%	1147	31%	1314	31%
Women	6	15%	80	35%	647	56%	726	55%
Men	34	85%	149	65%	500	44%	588	45%
African American	0	0%	1	0%	25	2%	31	2%
American Indian	0	0%	1	0%	9	1%	14	1%
Asian American	1	3%	42	18%	193	17%	209	16%
Caucasian	20	50%	105	46%	615	54%	702	53%
Hawaiian/Pacific Islander	0	0%	0	0%	6	1%	6	0%
Hispanic/Latino	1	3%	9	4%	83	7%	97	7%
Other/Not Indicated	18	45%	71	31%	216	19%	255	19%
International	17	43%	67	29%	196	17%	232	18%

Current Status

	N	%	N	%	N	%	N	%
Employed for pay full time	14	35%	139	61%	821	72%	898	68%
Employed for pay part time	2	5%	12	5%	71	6%	87	7%
Participating in a volunteer or service program	1	3%	1	0%	1	0%	5	0%
Serving in the U.S. military	0	0%	4	2%	9	1%	9	1%
Enrolled in a program of continuing education	11	28%	40	17%	91	8%	126	10%
Planning to continue education	1	3%	3	1%	7	1%	9	1%
Seeking employment	9	23%	22	10%	113	10%	135	10%
Not seeking employment or continuing education	0	0%	3	1%	11	1%	15	1%
Other	2	5%	5	2%	23	2%	30	2%

	Mechanical Engineering		College Of Engineering		All Professional		UW Seattle	

Employed Full Time or Part time

Type of employment

	N	%	N	%	N	%	N	%
Employee working for a company or organization	15	94%	130	89%	768	88%	840	87%
Entrepreneur/self-employed	0	0%	0	0%	7	1%	9	1%
Temporary/contract work assignment	0	0%	10	7%	48	6%	54	6%
Freelance	0	0%	0	0%	1	0%	1	0%
Postgraduate internship or fellowship	1	6%	4	3%	25	3%	27	3%
Faculty tenure track position	0	0%	0	0%	6	1%	7	1%
Faculty non-tenure track position	0	0%	0	0%	5	1%	6	1%
Other	0	0%	2	1%	12	1%	17	2%

Career related

	N	%	N	%	N	%	N	%
Yes	14	88%	140	96%	831	95%	909	95%
No	2	13%	6	4%	41	5%	52	5%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	9	56%	99	69%	606	70%	658	69%
Other Washington	1	6%	4	3%	42	5%	44	5%
Alaska, Idaho, Oregon	1	6%	7	5%	40	5%	43	5%
California, Hawaii	2	13%	11	8%	49	6%	62	7%
Mountain states	0	0%	5	3%	17	2%	18	2%
Central states	1	6%	4	3%	17	2%	21	2%
Eastern states	1	6%	7	5%	59	7%	65	7%
International	1	6%	7	5%	32	4%	39	4%

Type of employer

	N	%	N	%	N	%	N	%
For-profit company	12	75%	119	85%	439	53%	490	53%
Non-profit/NGO	0	0%	3	2%	129	15%	139	15%
Government	3	19%	15	11%	244	29%	262	29%
Other	1	6%	3	2%	24	3%	27	3%

Search time (weeks)

N		6		58		450		491
Mean		14.8		9.6		12.0		11.8
SD		18		10		10		10
Range	0	50	0	50	0	50	0	50

Salary

N		13		110		656		717
Mean		85,029		97,337		90,308		89,828
SD		28,669		34,645		57,055		56,192
Range	40,000	130,000	10,000	187,000	10,000	950,000	10,000	950,000

First year bonus

N		2		35		167		177
Mean		12,500		26,546		24,608		24,034
SD		10,607		33,140		40,030		39,024
Range	5,000	20,000	1,000	110,000	500	400,000	500	400,000

Participating in a Volunteer or Service Program

Program location

	Mechanical Engineering N	Mechanical Engineering %	College Of Engineering N	College Of Engineering %	All Professional N	All Professional %	UW Seattle N	UW Seattle %
King, Pierce, Snohomish counties	0	0%	0	0%	0	0%	2	67%
Other Washington	0	0%	0	0%	0	0%	0	0%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	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

	Mechanical Engineering N	Mechanical Engineering %	College Of Engineering N	College Of Engineering %	All Professional N	All Professional %	UW Seattle N	UW Seattle %
Air Force	0	0%	1	25%	2	22%	2	22%
Army	0	0%	1	25%	3	33%	3	33%
Coast Guard	0	0%	1	25%	1	11%	1	11%
Marine Corps	0	0%	0	0%	0	0%	0	0%
Navy	0	0%	1	25%	3	33%	3	33%

Status

	Mechanical Engineering N	Mechanical Engineering %	College Of Engineering N	College Of Engineering %	All Professional N	All Professional %	UW Seattle N	UW Seattle %
Active duty	0	0%	4	100%	9	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

	Mechanical Engineering N	Mechanical Engineering %	College Of Engineering N	College Of Engineering %	All Professional N	All Professional %	UW Seattle N	UW Seattle %
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	3%	5	6%	6	5%
Masters (MA/MS) – leading to doctorate	0	0%	0	0%	1	1%	2	2%
Doctorate (PhD/EdD)	10	100%	35	92%	75	85%	104	87%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	5	6%	6	5%
Other	0	0%	0	0%	0	0%	0	0%

School location

	Mechanical Engineering N	Mechanical Engineering %	College Of Engineering N	College Of Engineering %	All Professional N	All Professional %	UW Seattle N	UW Seattle %
King, Pierce, Snohomish counties	8	89%	29	78%	63	76%	85	75%
Other Washington	0	0%	0	0%	1	1%	1	1%
Alaska, Idaho, Oregon	0	0%	1	3%	1	1%	1	1%
California, Hawaii	0	0%	0	0%	0	0%	1	1%
Mountain states	0	0%	0	0%	0	0%	0	0%
Central states	0	0%	0	0%	2	2%	3	3%
Eastern states	0	0%	4	11%	11	13%	17	15%
International	1	11%	3	8%	5	6%	5	4%

	Mechanical Engineering		College Of Engineering		All Professional		UW Seattle	

All Respondents

Authorized to permanently work in the U.S.

	N	%	N	%	N	%	N	%
Yes	25	64%	161	75%	940	85%	1064	85%
No	14	36%	54	25%	160	15%	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	37	3.4	206	3.4	1051	3.4	1198	3.4
Writing effectively	37	2.6	205	2.8	1044	3.0	1189	3.0
Speaking effectively about ideas, projects, and plans	37	2.9	206	2.9	1047	3.0	1193	3.0
Critically analyzing the research, technical literature, and/or performance in your field	36	3.1	205	3.3	1047	3.3	1193	3.3
Identifying important questions in your field	36	2.8	205	3.2	1044	3.3	1191	3.3
Identifying and using the best methods for answering specific questions in your field	36	3.0	205	3.2	1046	3.2	1192	3.2
Knowing how to generate original/creative ideas, solutions, and research directions	36	2.8	204	3.0	1045	3.1	1191	3.1
Knowing how to put research ideas into practice in your field	35	2.9	202	2.9	1038	3.0	1183	3.0
Understanding ethics and ethical practice in your field	36	2.5	203	2.8	1041	3.1	1187	3.1
Understanding, evaluating, and using the quantitative methods relevant to your field	36	3.3	203	3.2	1040	3.1	1186	3.1
Mastering specialized instruments, computer programs, or materials important to your field	35	3.1	202	2.9	1041	2.7	1186	2.7
Learning independently	35	3.4	200	3.4	1032	3.2	1177	3.2
Working collaboratively with others within your field	36	3.1	202	3.2	1040	3.3	1185	3.3
Working collaboratively with interdisciplinary groups	36	2.8	203	2.8	1042	3.0	1188	3.0
Understanding and valuing diverse people and cultures	36	2.6	202	2.8	1036	3.2	1182	3.2
Using self-reflection and self-assessment to guide next directions	36	2.7	202	2.9	1041	3.0	1187	3.0

	Mechanical Engineering		College Of Engineering		All Professional		UW Seattle	

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	34	3.4	190	3.6	989	3.5	1129	3.5
Writing effectively	33	3.3	189	3.4	979	3.4	1118	3.4
Speaking effectively about ideas, projects, and plans	34	3.5	190	3.5	981	3.6	1120	3.5
Critically analyzing the research, technical literature, and/or performance in your field	34	3.3	189	3.3	981	3.3	1120	3.3
Identifying important questions in your field	34	3.4	190	3.5	983	3.5	1122	3.5
Identifying and using the best methods for answering specific questions in your field	34	3.4	189	3.6	980	3.5	1118	3.5
Knowing how to generate original/creative ideas, solutions, and research directions	34	3.4	189	3.5	983	3.5	1122	3.5
Knowing how to put research ideas into practice in your field	34	3.1	190	3.2	985	3.3	1123	3.3
Understanding ethics and ethical practice in your field	34	3.3	190	3.3	984	3.5	1123	3.5
Understanding, evaluating, and using the quantitative methods relevant to your field	34	3.2	190	3.3	981	3.3	1120	3.3
Mastering specialized instruments, computer programs, or materials important to your field	34	3.5	189	3.4	980	3.2	1119	3.2
Learning independently	34	3.7	189	3.5	980	3.5	1117	3.5
Working collaboratively with others within your field	33	3.8	187	3.6	978	3.7	1115	3.7
Working collaboratively with interdisciplinary groups	34	3.7	190	3.5	983	3.6	1122	3.6
Understanding and valuing diverse people and cultures	34	3.4	190	3.4	982	3.6	1120	3.6
Using self-reflection and self-assessment to guide next directions	34	3.4	190	3.4	982	3.5	1121	3.5

Overall UW experience

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

	Mechanical Engineering		College Of Engineering		All Professional		UW Seattle	
	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	32	3.1	180	3.0	933	3.0	1066	3.0
The help you received from graduate student colleagues	35	3.1	194	3.2	1001	3.3	1141	3.2
The help you received navigating the job market	35	2.2	187	2.4	987	2.3	1126	2.3
Your overall learning experience at the UW	35	3.3	194	3.3	986	3.3	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.	34	3.6	194	3.7	1007	3.5	1147	3.5
Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	34	3.7	194	3.7	1008	3.6	1147	3.6
Classrooms, labs, and other campus spaces were accessible.	35	3.4	193	3.4	1004	3.4	1144	3.4
If I had to make my college choice over again, I would choose to attend UW.	35	3.3	195	3.5	1010	3.4	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?	36	3.3	192	3.4	994	3.3	1132	3.3

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
PhD	UW
Aerospace Engineer	
process engineer	UIH Technologies, LLC.
Software Developer	Lawrence Livermore National Laboratory
Design Engineer	
Bike Sales Associated	
	VA Puget Sound
Engineer	The Boeing Company
Consultant	Sphera
Structural Analysis Engineer III	The Boeing Company
	Sefnco
Manufacturing Engineer	Wagstaff Inc.
Software Development Engineer	Amazon
Engineer	N/A
Patent Agent	Fortem IP, LLP
Lab Coordinator	UW Bothell

Enrolled in Educational Program

Program of study	Institution
	University of Washington
	University of Washington
	University of Washington
	University of Washington
Bioengineering	University of Washington
	PSU
Mechanical Engineering (same as M.S. degree)	University of Washington
	University of Washington
	UW