

UW Alumni Survey Results
2019-2020 MASTERS Degree Recipients

Materials Science And Engineering College Of Engineering All Professional UW Seattle

Graduates Surveyed

	N	%	N	%	N	%	N	%
Total	62	100%	782	100%	3669	100%	4266	100%
Women	12	19%	244	31%	1997	54%	2306	54%
Men	50	81%	538	69%	1672	46%	1960	46%
African American	2	3%	9	1%	130	4%	161	4%
American Indian	1	2%	8	1%	43	1%	49	1%
Asian American	13	21%	122	16%	618	17%	666	16%
Caucasian	19	31%	322	41%	1774	48%	2082	49%
Hawaiian/Pacific Islander	0	0%	3	0%	16	0%	20	0%
Hispanic/Latino	4	6%	39	5%	260	7%	293	7%
Other/Not Indicated	23	37%	279	36%	828	23%	995	23%
International	23	37%	265	34%	761	21%	915	21%

Survey Response Rates

	N	%	N	%	N	%	N	%
Total	13	21%	229	29%	1147	31%	1314	31%
Women	2	15%	80	35%	647	56%	726	55%
Men	11	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	6	46%	42	18%	193	17%	209	16%
Caucasian	4	31%	105	46%	615	54%	702	53%
Hawaiian/Pacific Islander	0	0%	0	0%	6	1%	6	0%
Hispanic/Latino	1	8%	9	4%	83	7%	97	7%
Other/Not Indicated	2	15%	71	31%	216	19%	255	19%
International	2	15%	67	29%	196	17%	232	18%

Current Status

	N	%	N	%	N	%	N	%
Employed for pay full time	9	69%	139	61%	821	72%	898	68%
Employed for pay part time	0	0%	12	5%	71	6%	87	7%
Participating in a volunteer or service program	0	0%	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	3	23%	40	17%	91	8%	126	10%
Planning to continue education	0	0%	3	1%	7	1%	9	1%
Seeking employment	1	8%	22	10%	113	10%	135	10%
Not seeking employment or continuing education	0	0%	3	1%	11	1%	15	1%
Other	0	0%	5	2%	23	2%	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	7	88%	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	13%	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	7	88%	140	96%	831	95%	909	95%
No	1	13%	6	4%	41	5%	52	5%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	4	50%	99	69%	606	70%	658	69%
Other Washington	1	13%	4	3%	42	5%	44	5%
Alaska, Idaho, Oregon	1	13%	7	5%	40	5%	43	5%
California, Hawaii	0	0%	11	8%	49	6%	62	7%
Mountain states	0	0%	5	3%	17	2%	18	2%
Central states	0	0%	4	3%	17	2%	21	2%
Eastern states	0	0%	7	5%	59	7%	65	7%
International	2	25%	7	5%	32	4%	39	4%

Type of employer

	N	%	N	%	N	%	N	%
For-profit company	6	86%	119	85%	439	53%	490	53%
Non-profit/NGO	0	0%	3	2%	129	15%	139	15%
Government	0	0%	15	11%	244	29%	262	29%
Other	1	14%	3	2%	24	3%	27	3%

Search time (weeks)

	N							
	4		58		450		491	
Mean	14.5		9.6		12.0		11.8	
SD	7		10		10		10	
Range	9 24		0 50		0 50		0 50	

Salary

	N							
	5		110		656		717	
Mean	63,400		97,337		90,308		89,828	
SD	28,910		34,645		57,055		56,192	
Range	22,000 96,000		10,000 187,000		10,000 950,000		10,000 950,000	

First year bonus

	N							
	2		35		167		177	
Mean	60,000		26,546		24,608		24,034	
SD	67,882		33,140		40,030		39,024	
Range	12,000 108,000		1,000 110,000		500 400,000		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%	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**

	N	%	N	%	N	%	N	%
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

	N	%	N	%	N	%	N	%
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**

	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%	1	3%	5	6%	6	5%
Masters (MA/MS) – leading to doctorate	0	0%	0	0%	1	1%	2	2%
Doctorate (PhD/EdD)	3	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

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	2	67%	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	1	33%	4	11%	11	13%	17	15%
International	0	0%	3	8%	5	6%	5	4%

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

	N	%	N	%	N	%	N	%
Yes	10	91%	161	75%	940	85%	1064	85%
No	1	9%	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	10	2.9	206	3.4	1051	3.4	1198	3.4
Writing effectively	10	3.0	205	2.8	1044	3.0	1189	3.0
Speaking effectively about ideas, projects, and plans	10	2.9	206	2.9	1047	3.0	1193	3.0
Critically analyzing the research, technical literature, and/or performance in your field	10	3.4	205	3.3	1047	3.3	1193	3.3
Identifying important questions in your field	10	3.3	205	3.2	1044	3.3	1191	3.3
Identifying and using the best methods for answering specific questions in your field	10	3.1	205	3.2	1046	3.2	1192	3.2
Knowing how to generate original/creative ideas, solutions, and research directions	10	2.8	204	3.0	1045	3.1	1191	3.1
Knowing how to put research ideas into practice in your field	10	2.6	202	2.9	1038	3.0	1183	3.0
Understanding ethics and ethical practice in your field	10	3.3	203	2.8	1041	3.1	1187	3.1
Understanding, evaluating, and using the quantitative methods relevant to your field	10	3.0	203	3.2	1040	3.1	1186	3.1
Mastering specialized instruments, computer programs, or materials important to your field	10	3.3	202	2.9	1041	2.7	1186	2.7
Learning independently	10	3.5	200	3.4	1032	3.2	1177	3.2
Working collaboratively with others within your field	10	3.2	202	3.2	1040	3.3	1185	3.3
Working collaboratively with interdisciplinary groups	10	3.2	203	2.8	1042	3.0	1188	3.0
Understanding and valuing diverse people and cultures	10	3.3	202	2.8	1036	3.2	1182	3.2
Using self-reflection and self-assessment to guide next directions	10	3.1	202	2.9	1041	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	10	3.3	190	3.6	989	3.5	1129	3.5
Writing effectively	10	3.3	189	3.4	979	3.4	1118	3.4
Speaking effectively about ideas, projects, and plans	10	3.5	190	3.5	981	3.6	1120	3.5
Critically analyzing the research, technical literature, and/or performance in your field	10	3.4	189	3.3	981	3.3	1120	3.3
Identifying important questions in your field	10	3.4	190	3.5	983	3.5	1122	3.5
Identifying and using the best methods for answering specific questions in your field	10	3.5	189	3.6	980	3.5	1118	3.5
Knowing how to generate original/creative ideas, solutions, and research directions	10	3.3	189	3.5	983	3.5	1122	3.5
Knowing how to put research ideas into practice in your field	10	3.2	190	3.2	985	3.3	1123	3.3
Understanding ethics and ethical practice in your field	10	3.5	190	3.3	984	3.5	1123	3.5
Understanding, evaluating, and using the quantitative methods relevant to your field	10	3.4	190	3.3	981	3.3	1120	3.3
Mastering specialized instruments, computer programs, or materials important to your field	10	3.5	189	3.4	980	3.2	1119	3.2
Learning independently	10	3.5	189	3.5	980	3.5	1117	3.5
Working collaboratively with others within your field	10	3.5	187	3.6	978	3.7	1115	3.7
Working collaboratively with interdisciplinary groups	10	3.5	190	3.5	983	3.6	1122	3.6
Understanding and valuing diverse people and cultures	10	3.5	190	3.4	982	3.6	1120	3.6
Using self-reflection and self-assessment to guide next directions	10	3.5	190	3.4	982	3.5	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	10	2.8	180	3.0	933	3.0	1066	3.0
The help you received from graduate student colleagues	10	3.3	194	3.2	1001	3.3	1141	3.2
The help you received navigating the job market	10	2.0	187	2.4	987	2.3	1126	2.3
Your overall learning experience at the UW	10	2.9	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.	10	3.4	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.	10	3.7	194	3.7	1008	3.6	1147	3.6
Classrooms, labs, and other campus spaces were accessible.	10	3.8	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.	10	3.2	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?	10	3.1	192	3.4	994	3.3	1132	3.3

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
QC analyst II	Seagen
Research Associate	Inbios International
Manufacturing Engineer I	GT Medical Technologies
System Interaction Engineer	HP Inc.
Postdoctoral Researcher	UW
Production Engineer	Tetra Pak

Enrolled in Educational Program

Program of study	Institution
	Dartmouth College
	University of Washington
Materials Science and Engineering	University of Washington