UW Alumni Survey Results
2020-2021 MASTERS Degree Recipients

	Materials Science And Engineering		College Of Engineering		All Professional		UW Seattle	
Graduates Surveyed								
	N	%	N	%	N	%	N	%
Total	42	100%	865	100%	3685	100%	4305	100%
Women	9	21%	290	34%	2044	55%	2398	56%
Men	33	79%	575	66%	1641	45%	1907	44%
African American	0	0%	23	3%	143	4%	162	4%
American Indian	0	0%	5	1%	46	1%	49	1%
Asian American	9	21%	143	17%	610	17%	680	16%
Caucasian	9	21%	294	34%	1682	46%	1942	45%
Hawaiian/Pacific Islander	0	0%	1	0%	23	1%	28	1%
Hispanic/Latino	1	2%	39	5%	245	7%	302	7%
Other/Not Indicated	23	55%	360	42%	936	25%	1142	27%
International	23	55%	342	40%	853	23%	1042	24%
Survey Response Rates								
	N	%	N	%	N	%	N	%
Total	12	29%	218	25%	1027	28%	1174	27%
Women	4	33%	76	35%	583	57%	671	57%
Men	8	67%	142	65%	444	43%	503	43%
African American	0	0%	6	3%	31	3%	37	3%
American Indian	0	0%	2	1%	13	1%	16	1%
Asian American	5	42%	31	14%	158	15%	171	15%
Caucasian	2	17%	79	36%	504	49%	572	49%
Hawaiian/Pacific Islander	0	0%	0	0%	7	1%	8	1%
Hispanic/Latino	0	0%	9	4%	68	7%	81	7%
Other/Not Indicated	5	42%	91	42%	246	24%	289	25%
International	5	42%	85	39%	224	22%	264	22%
Current Status								
	N	%	N	%	N	%	N	%
Employed for pay full time	10	83%	168	77%	813	79%	901	77%
Employed for pay part time	0	0%	7	3%	40	4%	47	4%
Participating in a volunteer or service program	0	0%	2	1%	4	0%	4	0%
Serving in the U.S. military	0	0%	3	1%	7	1%	8	1%
Enrolled in a certificate or degree program	2	17%	23	11%	58	6%	88	7%
Planning to continue education	0	0%	0	0%	2	0%	5	0%
Seeking employment	0	0%	11	5%	69	7%	79	7%
A fellowship	0	0%	2	1%	15	1%	18	2%
Not seeking employment or continuing education	0	0%	2	1%	19	2%	24	2%

Employed Full Time or Part time

Type of employment

	Materials Science And Engineering		College Of Engineering		All Professional		UW Seattle	
	N	%	N	%	N	%	N	%
Employee working for a company or organization	10	100%	162	96%	775	93%	849	92%
Entrepreneur/self-employed	0	0%	1	1%	5	1%	9	1%
Temporary/contract work assignment	0	0%	4	2%	23	3%	28	3%
Freelance	0	0%	0	0%	0	0%	0	0%
Postgraduate internship or fellowship	0	0%	0	0%	8	1%	10	1%
Faculty tenure track position	0	0%	0	0%	4	0%	4	0%
Faculty non-tenure track position	0	0%	1	1%	9	1%	12	1%
Other	0	0%	1	1%	7	1%	11	1%

Career related

	N	%	N	%	N	%	N	%
Yes	9	90%	161	96%	793	96%	878	96%
No	1	10%	6	4%	33	4%	40	4%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	3	30%	99	61%	532	66%	589	66%
Other Washington	0	0%	3	2%	31	4%	34	4%
Alaska, Idaho, Oregon	1	10%	3	2%	16	2%	18	2%
California, Hawaii	2	20%	23	14%	69	9%	77	9%
Mountain states	1	10%	6	4%	21	3%	24	3%
Central states	0	0%	8	5%	28	3%	30	3%
Eastern states	1	10%	4	2%	48	6%	56	6%
International	2	20%	16	10%	57	7%	63	7%

Type of employer

	N	%	N	%	N	%	N	%
For-profit company	10	100%	137	83%	477	59%	527	59%
Non-profit/NGO	0	0%	3	2%	94	12%	108	12%
Government	0	0%	23	14%	199	25%	214	24%
Other	0	0%	2	1%	35	4%	39	4%

Search time (weeks)

N		7		85		463		512
Mean		15.3		14.3		11.4		11.5
SD		12		12		10		10
Range	4	40	0	53	0	53	0	53

Salary

N		9		129		661		724
Mean		83,111		103,889		96,305		95,246
SD		25,988		37,294		53,960		52,455
Range	44,000	120,000	28,048	250,000	10,000	600,000	10,000	600,000

First year bonus

N		3		50		183		198
Mean		7,733		22,126		22,219		21,446
SD		3,926		26,637		25,732		25,047
Range	3,200	10,000	1,600	140,000	413	177,000	300	177,000

	Materials Science And Engineering		College Of Engineering		All Professional		UW Seattle	

Participating in a Volunteer or Service Program

Program location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	0	0%	2	100%	3	75%	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%	0	0%	0	0%
Eastern states	0	0%	0	0%	0	0%	0	0%
International	0	0%	0	0%	1	25%	1	25%

Serving in the US Military

Service branch

	N	%	N	%	N	%	N	%
Air Force	0	0%	2	67%	2	29%	2	25%
Army	0	0%	0	0%	3	43%	4	50%
Coast Guard	0	0%	0	0%	0	0%	0	0%
Marine Corps	0	0%	0	0%	0	0%	0	0%
Navy	0	0%	1	33%	2	29%	2	25%

Status

	N	%	N	%	N	%	N	%
Active duty	0	0%	3	100%	6	86%	7	88%
Reserve	0	0%	0	0%	0	0%	0	0%
National Guard	0	0%	0	0%	1	14%	1	13%

Enrolled in Educational Program

Degree program

	N	%	N	%	N	%	N	%
Certificate	0	0%	0	0%	0	0%	2	2%
Advanced 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%	1	5%	5	9%	5	6%
Masters (MA/MS) – leading to doctorate	0	0%	1	5%	1	2%	1	1%
Doctorate (PhD/EdD)	2	100%	19	90%	45	82%	71	85%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	3	5%	3	4%
Non-Degree Seeking	0	0%	0	0%	0	0%	0	0%
Postdoctoral Studies	0	0%	0	0%	0	0%	0	0%
Other	0	0%	0	0%	1	2%	1	1%

School location

	Materials Science And Engineering		College Of Engineering		All Professional		UW Seattle	
	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	1	50%	14	70%	34	63%	52	64%
Other Washington	0	0%	0	0%	0	0%	0	0%
Alaska, Idaho, Oregon	0	0%	1	5%	1	2%	1	1%
California, Hawaii	0	0%	0	0%	2	4%	5	6%
Mountain states	1	50%	1	5%	3	6%	3	4%
Central states	0	0%	0	0%	1	2%	1	1%
Eastern states	0	0%	3	15%	7	13%	9	11%
International	0	0%	1	5%	6	11%	10	12%

All Respondents

Authorized to permanently work in the U.S.

	Materials Science And Engineering N	Materials Science And Engineering %	College Of Engineering N	College Of Engineering %	All Professional N	All Professional %	UW Seattle N	UW Seattle %
Yes	8	67%	136	67%	797	82%	908	82%
No	4	33%	66	33%	176	18%	204	18%

Amount UW academic program ADVANCED LEARNING

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

	Materials Science And Engineering N	Materials Science And Engineering Mean	College Of Engineering N	College Of Engineering Mean	All Professional N	All Professional Mean	UW Seattle N	UW Seattle Mean
Acquiring deep knowledge in your chosen field of study	12	3.2	191	3.4	930	3.3	1058	3.3
Writing effectively	11	3.3	189	2.9	924	3.0	1052	3.0
Speaking effectively about ideas, projects, and plans	11	3.2	188	2.9	922	3.0	1050	3.0
Critically analyzing the research, technical literature, and/or performance in your field	11	3.5	189	3.3	923	3.2	1051	3.2
Identifying important questions in your field	11	3.4	189	3.2	923	3.3	1051	3.3
Identifying and using the best methods for answering specific questions in your field	11	3.3	189	3.3	922	3.1	1050	3.2
Knowing how to generate original/creative ideas, solutions, and research directions	11	3.2	189	3.0	923	3.0	1050	3.0
Knowing how to put research ideas into practice in your field	11	3.3	188	3.1	920	2.9	1047	2.9
Understanding ethics and ethical practice in your field	11	3.0	189	2.9	920	3.1	1048	3.1
Understanding, evaluating, and using the quantitative methods relevant to your field	11	3.5	187	3.2	920	3.0	1048	3.0
Mastering specialized instruments, computer programs, or materials important to your field	11	3.1	189	3.1	921	2.7	1049	2.7
Learning independently	11	3.5	185	3.4	916	3.2	1044	3.2
Working collaboratively with others within your field	11	3.6	188	3.2	919	3.3	1046	3.2
Working collaboratively with interdisciplinary groups	11	3.0	186	2.9	917	3.0	1045	3.0
Understanding and valuing diverse people and cultures	11	3.2	187	3.1	919	3.2	1045	3.2
Using self-reflection and self-assessment to guide next directions	11	3.1	187	2.9	921	3.1	1049	3.1

	Materials Science And 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	12	3.6	178	3.5	872	3.5	994	3.5
Writing effectively	11	3.6	173	3.2	863	3.3	985	3.3
Speaking effectively about ideas, projects, and plans	11	3.8	172	3.5	862	3.5	982	3.5
Critically analyzing the research, technical literature, and/or performance in your field	11	3.7	171	3.3	862	3.2	982	3.3
Identifying important questions in your field	11	3.4	172	3.3	862	3.4	983	3.4
Identifying and using the best methods for answering specific questions in your field	11	3.6	172	3.5	860	3.5	979	3.4
Knowing how to generate original/creative ideas, solutions, and research directions	11	3.5	173	3.4	861	3.4	982	3.4
Knowing how to put research ideas into practice in your field	11	3.4	173	3.2	861	3.2	982	3.2
Understanding ethics and ethical practice in your field	11	3.5	171	3.2	861	3.4	982	3.4
Understanding, evaluating, and using the quantitative methods relevant to your field	11	3.5	173	3.4	863	3.2	982	3.2
Mastering specialized instruments, computer programs, or materials important to your field	11	3.6	172	3.3	865	3.1	986	3.2
Learning independently	11	3.1	171	3.5	857	3.4	978	3.4
Working collaboratively with others within your field	11	3.7	172	3.6	861	3.6	981	3.6
Working collaboratively with interdisciplinary groups	11	3.5	173	3.5	862	3.5	983	3.5
Understanding and valuing diverse people and cultures	11	3.4	172	3.3	864	3.5	985	3.5
Using self-reflection and self-assessment to guide next directions	11	3.2	172	3.3	863	3.4	984	3.4

Overall UW experience

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

	Materials Science And 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	10	3.2	170	3.0	830	3.0	943	3.0
The help you received from graduate student colleagues	11	3.4	180	3.2	883	3.2	1003	3.2
The help you received navigating the job market	10	2.8	175	2.4	871	2.4	988	2.4
Your overall learning experience at the UW	12	3.3	183	3.3	874	3.2	993	3.2

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

	Materials Science And Engineering		College Of Engineering		All Professional		UW Seattle	
	N	Mean	N	Mean	N	Mean	N	Mean
Faculty treated students respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	11	3.6	182	3.7	886	3.6	1006	3.6
Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	11	3.6	182	3.7	889	3.6	1011	3.6
Classrooms, labs, and other campus spaces were accessible.	10	3.6	179	3.3	873	3.1	994	3.1
If I had to make my college choice over again, I would choose to attend UW.	11	3.4	182	3.5	891	3.4	1013	3.3

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

	Materials Science And Engineering		College Of Engineering		All Professional		UW Seattle	
	N	Mean	N	Mean	N	Mean	N	Mean
How satisfied are you with your overall experience at UW?	10	3.4	180	3.3	870	3.3	989	3.2

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Process Engineer	Intel
Process engineer	Lam research
Engineer	Covalent Metrology Services, Inc.
Engineer	TSMC
Research Associate	Group 14 Technology
Engineer	Boeing
Materials and Process Engineer	Boeing
Supplier Engineer	Advanced Sterilization Products
Engineer	TSMC
Materials, Process, and Physics Engineer	Boeing

Enrolled in Educational Program

Program of study	Institution
PhD in Materials Science	Colorado School of Mines
Materials Science & Engineering	University of Washington