

**UW Alumni Survey Results**  
**2021-2022 MASTERS Degree Recipients**

Materials Science  
And Engineering

College Of  
Engineering

All Professional

UW Seattle

**Graduates Surveyed**

	N	%	N	%	N	%	N	%
Total	52	100%	831	100%	3947	100%	4562	100%
Women	19	37%	288	35%	2242	57%	2566	56%
Men	33	63%	543	65%	1705	43%	1996	44%
African American	1	2%	22	3%	175	4%	208	5%
American Indian	0	0%	3	0%	39	1%	47	1%
Asian American	19	37%	167	20%	740	19%	820	18%
Caucasian	11	21%	309	37%	1827	46%	2083	46%
Hawaiian/Pacific Islander	2	4%	7	1%	28	1%	32	1%
Hispanic/Latino	2	4%	46	6%	280	7%	326	7%
Other/Not Indicated	17	33%	277	33%	858	22%	1046	23%
International	16	31%	255	31%	765	19%	942	21%

**Survey Response Rates**

	N	%	N	%	N	%	N	%
Total	15	29%	196	24%	1028	26%	1156	25%
Women	4	27%	78	40%	607	59%	691	60%
Men	11	73%	118	60%	421	41%	465	40%
African American	0	0%	2	1%	43	4%	53	5%
American Indian	0	0%	0	0%	11	1%	14	1%
Asian American	7	47%	44	22%	201	20%	216	19%
Caucasian	4	27%	80	41%	526	51%	580	50%
Hawaiian/Pacific Islander	0	0%	2	1%	6	1%	8	1%
Hispanic/Latino	1	7%	8	4%	59	6%	70	6%
Other/Not Indicated	3	20%	60	31%	182	18%	215	19%
International	3	20%	55	28%	163	16%	195	17%

**Current Status**

	N	%	N	%	N	%	N	%
Employed for pay full time	10	67%	144	73%	818	80%	891	77%
Employed for pay part time	0	0%	1	1%	43	4%	47	4%
Participating in a volunteer or service program	0	0%	1	1%	4	0%	5	0%
Serving in the U.S. military	0	0%	4	2%	6	1%	7	1%
Enrolled in a certificate or degree program	4	27%	28	14%	67	7%	95	8%
Planning to continue education	0	0%	1	1%	4	0%	4	0%
Seeking employment	0	0%	12	6%	62	6%	76	7%
A fellowship	0	0%	2	1%	15	1%	19	2%
Not seeking employment or continuing education	1	7%	3	2%	9	1%	12	1%

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**Employed Full Time or Part time****Type of employment**

	N	%	N	%	N	%	N	%
Employee working for a company or organization	10	100%	131	95%	789	95%	855	94%
Entrepreneur/self-employed	0	0%	2	1%	8	1%	9	1%
Temporary/contract work assignment	0	0%	2	1%	20	2%	21	2%
Freelance	0	0%	0	0%	1	0%	1	0%
Postgraduate internship or fellowship	0	0%	1	1%	3	0%	4	0%
Faculty tenure track position	0	0%	0	0%	0	0%	0	0%
Faculty non-tenure track position	0	0%	0	0%	5	1%	10	1%
Other	0	0%	2	1%	8	1%	9	1%

**Career related**

	N	%	N	%	N	%	N	%
Yes	9	90%	136	99%	806	96%	877	96%
No	1	10%	2	1%	31	4%	35	4%

**Job location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	3	30%	79	58%	577	70%	619	69%
Other Washington	1	10%	3	2%	33	4%	35	4%
Alaska, Idaho, Oregon	4	40%	9	7%	25	3%	27	3%
California, Hawaii	2	20%	18	13%	61	7%	68	8%
Mountain states	0	0%	2	1%	23	3%	27	3%
Central states	0	0%	4	3%	19	2%	21	2%
Eastern states	0	0%	15	11%	59	7%	67	7%
International	0	0%	6	4%	33	4%	38	4%

**Type of employer**

	N	%	N	%	N	%	N	%
For-profit company	8	80%	103	80%	450	56%	485	56%
Non-profit/NGO	0	0%	4	3%	113	14%	123	14%
Government	1	10%	17	13%	218	27%	238	28%
Other	1	10%	5	4%	17	2%	19	2%

**Search time (weeks)**

	N							
	9		67		482		528	
Mean	13.2		10.5		11.0		11.0	
SD	15		10		9		10	
Range	2 52		0 52		0 52		0 54	

**Salary**

	N							
	10		122		695		749	
Mean	81,350		111,171		102,256		101,925	
SD	14,353		41,576		57,955		60,824	
Range	54,000 98,000		35,000 350,000		16,110 900,000		16,110 900,000	

**First year bonus**

	N							
	5		44		210		221	
Mean	8,472		18,388		21,123		21,477	
SD	4,698		13,829		20,324		20,652	
Range	2,000 15,000		2,000 50,000		300 105,000		300 105,000	

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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%	2	50%
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%	1	33%	1	25%
International	0	0%	0	0%	0	0%	1	25%

**Serving in the US Military****Service branch**

	N	%	N	%	N	%	N	%
Air Force	0	0%	1	25%	1	17%	1	14%
Army	0	0%	0	0%	1	17%	2	29%
Coast Guard	0	0%	2	50%	2	33%	2	29%
Marine Corps	0	0%	0	0%	0	0%	0	0%
Navy	0	0%	1	25%	2	33%	2	29%

**Status**

	N	%	N	%	N	%	N	%
Active duty	0	0%	4	100%	6	100%	7	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%
Advanced 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	4%	4	7%	5	6%
Masters (MA/MS) – leading to doctorate	0	0%	0	0%	1	2%	2	2%
Doctorate (PhD/EdD)	4	100%	25	96%	49	80%	72	83%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	7	11%	7	8%
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%	0	0%	0	0%

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**School location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	3	75%	21	91%	48	86%	69	86%
Other Washington	0	0%	0	0%	1	2%	1	1%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	0	0%
California, Hawaii	0	0%	0	0%	3	5%	3	4%
Mountain states	0	0%	0	0%	1	2%	1	1%
Central states	0	0%	0	0%	0	0%	0	0%
Eastern states	1	25%	2	9%	3	5%	6	8%
International	0	0%	0	0%	0	0%	0	0%

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

	N	%	N	%	N	%	N	%
Yes	12	80%	144	80%	845	87%	940	87%
No	3	20%	35	20%	122	13%	145	13%

**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	15	3.3	167	3.3	928	3.3	1043	3.3
Writing effectively	15	3.3	167	2.8	923	3.0	1038	3.0
Speaking effectively about ideas, projects, and plans	15	3.3	167	2.8	921	3.0	1036	3.0
Critically analyzing the research, technical literature, and/or performance in your field	15	3.6	167	3.3	922	3.3	1033	3.3
Identifying important questions in your field	15	3.2	166	3.2	922	3.3	1036	3.3
Identifying and using the best methods for answering specific questions in your field	15	3.1	166	3.2	920	3.2	1030	3.2
Knowing how to generate original/creative ideas, solutions, and research directions	15	2.9	166	3.1	921	3.1	1034	3.1
Knowing how to put research ideas into practice in your field	15	3.2	165	3.0	916	3.0	1030	3.0
Understanding ethics and ethical practice in your field	15	2.5	166	2.8	918	3.2	1032	3.2
Understanding, evaluating, and using the quantitative methods relevant to your field	14	3.4	165	3.2	915	3.1	1028	3.1
Mastering specialized instruments, computer programs, or materials important to your field	14	3.7	164	3.0	918	2.7	1032	2.7
Learning independently	14	3.7	163	3.3	913	3.2	1027	3.2
Working collaboratively with others within your field	15	3.5	162	3.2	915	3.4	1028	3.3
Working collaboratively with interdisciplinary groups	15	2.7	164	2.8	918	3.1	1032	3.0
Understanding and valuing diverse people and cultures	15	3.2	163	3.0	917	3.3	1031	3.3
Using self-reflection and self-assessment to guide next directions	15	3.1	164	2.9	920	3.1	1034	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	14	3.6	157	3.4	872	3.5	975	3.5
Writing effectively	14	3.1	156	3.2	869	3.4	971	3.4
Speaking effectively about ideas, projects, and plans	14	3.2	156	3.5	866	3.6	967	3.6
Critically analyzing the research, technical literature, and/or performance in your field	14	3.1	157	3.2	863	3.2	964	3.3
Identifying important questions in your field	14	3.4	157	3.4	865	3.4	966	3.4
Identifying and using the best methods for answering specific questions in your field	14	3.6	156	3.5	863	3.5	963	3.5
Knowing how to generate original/creative ideas, solutions, and research directions	14	3.5	155	3.4	863	3.4	964	3.4
Knowing how to put research ideas into practice in your field	14	3.3	156	3.2	861	3.2	961	3.2
Understanding ethics and ethical practice in your field	14	2.9	157	3.2	864	3.4	964	3.4
Understanding, evaluating, and using the quantitative methods relevant to your field	14	3.4	155	3.3	859	3.2	960	3.3
Mastering specialized instruments, computer programs, or materials important to your field	14	3.6	156	3.2	860	3.1	960	3.1
Learning independently	14	3.6	157	3.4	859	3.4	960	3.5
Working collaboratively with others within your field	14	3.9	157	3.7	860	3.7	961	3.7
Working collaboratively with interdisciplinary groups	14	3.7	155	3.5	861	3.6	962	3.6
Understanding and valuing diverse people and cultures	14	3.8	157	3.3	862	3.6	962	3.6
Using self-reflection and self-assessment to guide next directions	14	3.5	157	3.3	862	3.4	963	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	14	3.1	144	2.9	826	3.1	925	3.0
The help you received from graduate student colleagues	14	3.1	157	3.1	881	3.2	990	3.2
The help you received navigating the job market	14	1.9	152	2.2	874	2.4	981	2.4
Your overall learning experience at the UW	14	2.9	159	3.1	878	3.2	985	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.	14	3.5	159	3.6	884	3.6	990	3.6
Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	14	3.5	159	3.7	887	3.6	995	3.6
Classrooms, labs, and other campus spaces were accessible.	14	3.1	156	3.1	880	3.2	986	3.2
If I had to make my college choice over again, I would choose to attend UW.	14	3.2	159	3.3	889	3.4	998	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?	14	3.2	159	3.3	881	3.3	989	3.3

### Current activity roster

#### Employed Full Time or Part time

Job title	Employing organization
Chemist	Meta Materials Inc.
Regulatory affairs specialist	Abbott
Data Analyst	Intel
Research Associate	Pacific Northwest National Lab
Test Engineer	TerraPower LLC.
Photolithography Process Development Engineer	Micron Technology
Engineer	HP Inc.
R&D Automation Engineer, Molecular Biology	NanoString Technologies
Technical Account Representative	
Technology Development Module & Integration Yield Engineer	Intel

#### Enrolled in Educational Program

Program of study	Institution
Materials Science and Engineering	University of Washington
	Georgia Tech
	University of Washington
Mechanical Engineering	University of Washington