

**UW Alumni Survey Results**  
**2022-2023 MASTERS Degree Recipients**

Materials Science  
And Engineering

College Of  
Engineering

All Professional

UW Seattle

**Graduates Surveyed**

	N	%	N	%	N	%	N	%
Total	51	100%	830	100%	4069	100%	4745	100%
Women	19	37%	297	36%	2340	58%	2713	57%
Men	32	63%	533	64%	1729	42%	2032	43%
African American	0	0%	20	2%	205	5%	233	5%
American Indian	0	0%	8	1%	60	1%	70	1%
Asian American	9	18%	173	21%	755	19%	853	18%
Caucasian	20	39%	253	30%	1623	40%	1875	40%
Hawaiian/Pacific Islander	1	2%	3	0%	26	1%	26	1%
Hispanic/Latino	3	6%	39	5%	304	7%	348	7%
Other/Not Indicated	18	35%	334	40%	1096	27%	1340	28%
International	18	35%	311	37%	983	24%	1217	26%

**Survey Response Rates**

	N	%	N	%	N	%	N	%
Total	9	18%	163	20%	940	23%	1092	23%
Women	3	33%	59	36%	571	61%	665	61%
Men	6	67%	104	64%	369	39%	427	39%
African American	0	0%	3	2%	36	4%	41	4%
American Indian	0	0%	3	2%	17	2%	20	2%
Asian American	0	0%	27	17%	151	16%	172	16%
Caucasian	2	22%	71	44%	433	46%	500	46%
Hawaiian/Pacific Islander	0	0%	0	0%	7	1%	7	1%
Hispanic/Latino	2	22%	7	4%	79	8%	93	9%
Other/Not Indicated	5	56%	52	32%	217	23%	259	24%
International	5	56%	49	30%	197	21%	236	22%

**Current Status**

	N	%	N	%	N	%	N	%
Employed for pay full time	5	56%	109	67%	713	76%	787	72%
Employed for pay part time	0	0%	1	1%	44	5%	55	5%
Participating in a volunteer or service program	0	0%	0	0%	5	1%	6	1%
Serving in the U.S. military	0	0%	2	1%	5	1%	7	1%
Enrolled in a certificate or degree program	3	33%	27	17%	44	5%	73	7%
Planning to continue education	0	0%	0	0%	1	0%	1	0%
Seeking employment	1	11%	19	12%	100	11%	130	12%
A fellowship	0	0%	2	1%	15	2%	19	2%
Not seeking employment or continuing education	0	0%	3	2%	13	1%	14	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	5	100%	102	95%	684	93%	753	92%
Entrepreneur/self-employed	0	0%	0	0%	9	1%	10	1%
Temporary/contract work assignment	0	0%	4	4%	22	3%	24	3%
Freelance	0	0%	0	0%	0	0%	1	0%
Postgraduate internship or fellowship	0	0%	0	0%	3	0%	5	1%
Faculty tenure track position	0	0%	0	0%	3	0%	4	0%
Faculty non-tenure track position	0	0%	0	0%	5	1%	8	1%
Other	0	0%	1	1%	7	1%	10	1%

**Career related**

	N	%	N	%	N	%	N	%
Yes	5	100%	99	94%	679	94%	757	94%
No	0	0%	6	6%	45	6%	49	6%

**Job location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	1	20%	63	60%	471	65%	521	65%
Other Washington	0	0%	4	4%	36	5%	37	5%
Alaska, Idaho, Oregon	2	40%	4	4%	22	3%	22	3%
California, Hawaii	1	20%	16	15%	48	7%	54	7%
Mountain states	0	0%	0	0%	19	3%	20	3%
Central states	0	0%	3	3%	29	4%	33	4%
Eastern states	0	0%	9	9%	60	8%	72	9%
International	1	20%	6	6%	35	5%	41	5%

**Type of employer**

	N	%	N	%	N	%	N	%
For-profit company	4	80%	92	90%	390	56%	431	56%
Non-profit/NGO	0	0%	3	3%	93	13%	103	13%
Government	1	20%	6	6%	189	27%	208	27%
Other	0	0%	1	1%	28	4%	33	4%

**Search time (weeks)**

	N		N		N		N	
	5		51		364		401	
Mean	9.8		11.7		11.6		11.5	
SD	9		9		10		10	
Range	2 24		0 40		0 50		0 50	

**Salary**

	N		N		N		N	
	4		87		577		629	
Mean	76,000		115,068		104,118		103,802	
SD	25,033		38,313		62,038		62,326	
Range	48,000 100,000		48,000 250,000		18,000 900,000		18,000 900,000	

**First year bonus**

	N		N		N		N	
	2		30		161		173	
Mean	10,000		28,770		22,211		23,364	
SD	2,828		47,632		32,298		37,983	
Range	8,000 12,000		500 250,000		450 250,000		450 300,000	

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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%	3	100%	4	100%
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%	0	0%	0	0%

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

	N	%	N	%	N	%	N	%
Air Force	0	0%	0	0%	2	40%	2	29%
Army	0	0%	1	50%	1	20%	3	43%
Coast Guard	0	0%	0	0%	0	0%	0	0%
Marine Corps	0	0%	0	0%	0	0%	0	0%
Navy	0	0%	1	50%	2	40%	2	29%

**Status**

	N	%	N	%	N	%	N	%
Active duty	0	0%	2	100%	5	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%	1	2%	1	1%
Advanced Certificate	0	0%	0	0%	0	0%	2	3%
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%	0	0%	0	0%	0	0%
Masters (MA/MS) – leading to doctorate	0	0%	0	0%	0	0%	0	0%
Doctorate (PhD/EdD)	2	100%	26	100%	41	95%	65	94%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	1	2%	1	1%
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	2	100%	17	68%	29	71%	48	73%
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%	2	8%	2	5%	3	5%
Mountain states	0	0%	0	0%	0	0%	1	2%
Central states	0	0%	3	12%	6	15%	7	11%
Eastern states	0	0%	3	12%	4	10%	6	9%
International	0	0%	0	0%	0	0%	1	2%

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

	N	%	N	%	N	%	N	%
Yes	5	63%	122	79%	741	84%	849	83%
No	3	38%	33	21%	146	16%	179	17%

**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	8	3.4	144	3.3	836	3.2	970	3.2
Writing effectively	8	3.3	143	2.8	834	2.9	967	2.9
Speaking effectively about ideas, projects, and plans	8	3.3	141	2.9	833	3.0	967	3.0
Critically analyzing the research, technical literature, and/or performance in your field	8	3.4	143	3.3	834	3.2	967	3.2
Identifying important questions in your field	8	3.4	142	3.3	831	3.3	964	3.3
Identifying and using the best methods for answering specific questions in your field	8	3.5	143	3.2	834	3.1	967	3.1
Knowing how to generate original/creative ideas, solutions, and research directions	8	2.6	142	3.1	833	3.0	965	3.0
Knowing how to put research ideas into practice in your field	8	2.8	143	3.0	834	2.9	967	2.9
Understanding ethics and ethical practice in your field	8	3.0	142	2.8	832	3.1	965	3.1
Understanding, evaluating, and using the quantitative methods relevant to your field	8	3.4	143	3.2	831	3.0	963	3.0
Mastering specialized instruments, computer programs, or materials important to your field	8	3.5	142	2.9	831	2.7	964	2.7
Learning independently	8	3.6	143	3.4	831	3.2	964	3.2
Working collaboratively with others within your field	8	3.5	143	3.2	832	3.3	965	3.3
Working collaboratively with interdisciplinary groups	8	2.9	143	2.8	832	3.0	965	3.0
Understanding and valuing diverse people and cultures	8	2.9	143	2.8	833	3.2	966	3.2
Using self-reflection and self-assessment to guide next directions	8	3.0	143	2.9	832	3.1	964	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	8	3.5	139	3.5	791	3.5	917	3.5
Writing effectively	8	3.6	139	3.4	786	3.4	912	3.4
Speaking effectively about ideas, projects, and plans	8	4.0	139	3.6	786	3.6	911	3.6
Critically analyzing the research, technical literature, and/or performance in your field	8	3.9	138	3.4	782	3.3	907	3.3
Identifying important questions in your field	8	3.4	138	3.4	781	3.4	906	3.4
Identifying and using the best methods for answering specific questions in your field	8	3.5	138	3.5	777	3.4	901	3.5
Knowing how to generate original/creative ideas, solutions, and research directions	8	3.4	139	3.4	783	3.4	908	3.4
Knowing how to put research ideas into practice in your field	8	3.5	139	3.2	781	3.2	906	3.2
Understanding ethics and ethical practice in your field	8	3.1	137	3.1	779	3.4	904	3.4
Understanding, evaluating, and using the quantitative methods relevant to your field	8	3.6	138	3.4	778	3.2	902	3.2
Mastering specialized instruments, computer programs, or materials important to your field	8	3.9	139	3.3	782	3.1	907	3.1
Learning independently	8	4.0	139	3.5	781	3.4	904	3.4
Working collaboratively with others within your field	8	3.9	139	3.7	782	3.7	907	3.6
Working collaboratively with interdisciplinary groups	8	3.3	139	3.5	780	3.6	905	3.5
Understanding and valuing diverse people and cultures	8	2.9	139	3.1	783	3.5	908	3.5
Using self-reflection and self-assessment to guide next directions	8	3.4	139	3.3	783	3.4	908	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	8	3.3	130	3.0	747	2.9	867	2.9
The help you received from graduate student colleagues	8	3.0	140	3.1	802	3.1	928	3.1
The help you received navigating the job market	8	1.6	136	2.1	795	2.1	918	2.1
Your overall learning experience at the UW	7	3.3	137	3.3	794	3.2	917	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.	8	3.8	139	3.6	803	3.5	927	3.5
Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	8	3.6	140	3.7	802	3.6	928	3.6
Classrooms, labs, and other campus spaces were accessible.	8	3.4	139	3.3	799	3.4	922	3.3
If I had to make my college choice over again, I would choose to attend UW.	8	3.4	139	3.4	805	3.3	931	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?	8	3.5	137	3.2	798	3.2	921	3.2

**Current activity roster****Employed Full Time or Part time**

<b>Job title</b>	<b>Employing organization</b>
Module Development Engineer	Intel
Physical scientist	Bonneville Power Administration
Materials & Process Engineer	Supernal
Game Designer	Tencent
Optical Lab Technician	Mackin

**Enrolled in Educational Program**

<b>Program of study</b>	<b>Institution</b>
Materials Science and Engineering PhD	University of Washington
	UW