

UW Alumni Survey Results 2017-2018 MASTERS Degree Recipients

Materials Science College Of All Professional UW Seattle
And Engineering Engineering

Graduates Surveyed								
	N	%	N	%	N	%	N	%
Total	35	100%	698	100%	3359	100%	3923	100%
Women	9	26%	198	28%	1822	54%	2110	54%
Men	26	74%	500	72%	1537	46%	1813	46%
African American	0	0%	10	1%	118	4%	133	3%
American Indian	0	0%	1	0%	37	1%	44	1%
Asian American	3	9%	111	16%	483	14%	536	14%
Caucasian	19	54%	280	40%	1711	51%	2033	52%
Hawaiian/Pacific Islander	0	0%	1	0%	21	1%	22	1%
Hispanic/Latino	4	11%	42	6%	225	7%	249	6%
Other/Not Indicated	9	26%	253	36%	764	23%	906	23%
International	8	23%	239	34%	706	21%	839	21%
Survey Response Rates								
	N	%	N	%	N	%	N	%
Total	11	31%	226	32%	1139	34%	1330	34%
Women	3	27%	77	34%	640	56%	745	56%
Men	8	73%	149	66%	499	44%	585	44%
African American	0	0%	3	1%	41	4%	45	3%
American Indian	0	0%	1	0%	17	1%	20	2%
Asian American	0	0%	31	14%	158	14%	171	13%
Caucasian	6	55%	105	46%	606	53%	732	55%
Hawaiian/Pacific Islander	0	0%	1	0%	9	1%	10	1%
Hispanic/Latino	0	0%	9	4%	79	7%	84	6%
Other/Not Indicated	5	45%	76	34%	229	20%	268	20%
International	4	36%	72	32%	215	19%	251	19%
Current Status								
	N	%	N	%	N	%	N	%
Employed for pay full time	7	64%	170	75%	889	78%	971	73%
Employed for pay part time	0	0%	8	4%	45	4%	65	5%
Participating in a volunteer or service program	1	9%	1	0%	7	1%	7	1%
Serving in the U.S. military	0	0%	1	0%	6	1%	9	1%
Enrolled in a program of continuing education	1	9%	30	13%	65	6%	116	9%
Planning to continue education	0	0%	2	1%	8	1%	9	1%
Seeking employment	1	9%	9	4%	78	7%	98	7%
Not seeking employment or continuing education	1	9%	4	2%	11	1%	15	1%
Other	0	0%	1	0%	30	3%	40	3%

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

	N	%	N	%	N	%	N	%
Employee working for a company or organization	6	86%	146	88%	791	88%	862	87%
Entrepreneur/self-employed	0	0%	0	0%	9	1%	11	1%
Temporary/contract work assignment	0	0%	6	4%	28	3%	33	3%
Freelance	0	0%	0	0%	2	0%	4	0%
Postgraduate internship or fellowship	0	0%	2	1%	20	2%	23	2%
Faculty tenure track position	0	0%	1	1%	7	1%	7	1%
Faculty non-tenure track position	0	0%	1	1%	10	1%	19	2%
Other	1	14%	10	6%	31	3%	35	4%

Career related

	N	%	N	%	N	%	N	%
Yes	7	100%	159	98%	853	95%	936	95%
No	0	0%	4	2%	41	5%	53	5%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	4	57%	109	67%	623	70%	677	68%
Other Washington	1	14%	4	2%	40	4%	44	4%
Alaska, Idaho, Oregon	1	14%	6	4%	34	4%	36	4%
California, Hawaii	0	0%	21	13%	72	8%	77	8%
Mountain states	0	0%	2	1%	17	2%	20	2%
Central states	0	0%	6	4%	26	3%	32	3%
Eastern states	0	0%	8	5%	47	5%	61	6%
International	1	14%	7	4%	37	4%	44	4%

Type of employer

	N	%	N	%	N	%	N	%
For-profit company	6	100%	131	86%	441	52%	478	51%
Non-profit/NGO	0	0%	4	3%	148	18%	158	17%
Government	0	0%	17	11%	227	27%	263	28%
Other	0	0%	1	1%	25	3%	30	3%

Search time (weeks)

	N		N		N		N	
	6		74		494		536	
Mean	14.0		11.2		10.9		10.8	
SD	11		11		10		10	
Range	0 30		0 52		0 52		0 52	

Salary

	N		N		N		N	
	6		118		664		719	
Mean	74,500		100,671		85,176		84,660	
SD	15,972		57,350		47,701		49,771	
Range	52,000 92,000		30,000 500,000		13,000 500,000		13,000 500,000	

First year bonus

	N		N		N		N	
	1		38		167		175	
Mean	1,560		27,312		23,173		22,900	
SD			81,566		47,748		46,775	
Range	1,560 1,560		500 500,000		100 500,000		100 500,000	

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Participating in a Volunteer or Service Program**Program location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	1	100%	1	100%	3	43%	3	43%
Other Washington	0	0%	0	0%	1	14%	1	14%
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	14%	1	14%
International	0	0%	0	0%	2	29%	2	29%

Serving in the US Military**Service branch**

	N	%	N	%	N	%	N	%
Air Force	0	0%	1	100%	3	50%	4	44%
Army	0	0%	0	0%	1	17%	3	33%
Coast Guard	0	0%	0	0%	1	17%	1	11%
Marine Corps	0	0%	0	0%	0	0%	0	0%
Navy	0	0%	0	0%	1	17%	1	11%

Status

	N	%	N	%	N	%	N	%
Active duty	0	0%	1	100%	6	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%	1	2%	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%	0	0%	3	5%	5	5%
Masters (MA/MS) – leading to doctorate	0	0%	0	0%	0	0%	0	0%
Doctorate (PhD/EdD)	1	100%	29	97%	49	79%	93	85%
Professional (JD, MD, DDS, PharmD)	0	0%	1	3%	8	13%	9	8%
Other	0	0%	0	0%	0	0%	0	0%

School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	1	100%	25	86%	51	85%	88	83%
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%	1	3%	4	7%	6	6%
Mountain states	0	0%	0	0%	0	0%	2	2%
Central states	0	0%	1	3%	2	3%	3	3%
Eastern states	0	0%	2	7%	3	5%	6	6%
International	0	0%	0	0%	0	0%	1	1%

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

	N	%	N	%	N	%	N	%
Yes	8	73%	145	70%	900	85%	1048	84%
No	3	27%	62	30%	165	15%	194	16%

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	11	3.5	190	3.4	1011	3.3	1181	3.3
Writing effectively	11	3.2	188	2.7	1004	2.9	1174	2.9
Speaking effectively about ideas, projects, and plans	11	3.1	189	2.8	1009	3.0	1177	3.0
Critically analyzing the research, technical literature, and/or performance in your field	11	3.5	188	3.2	1008	3.2	1177	3.2
Identifying important questions in your field	11	3.2	189	3.1	1009	3.3	1178	3.3
Identifying and using the best methods for answering specific questions in your field	11	3.1	189	3.0	1008	3.1	1176	3.1
Knowing how to generate original/creative ideas, solutions, and research directions	11	3.0	189	2.9	1007	3.0	1176	3.0
Knowing how to put research ideas into practice in your field	11	3.2	189	2.8	1008	2.9	1177	2.9
Understanding ethics and ethical practice in your field	10	2.6	188	2.6	1007	3.1	1175	3.0
Understanding, evaluating, and using the quantitative methods relevant to your field	10	3.1	188	3.1	1006	3.0	1175	3.0
Mastering specialized instruments, computer programs, or materials important to your field	10	3.0	188	2.9	1005	2.7	1174	2.6
Learning independently	10	3.3	188	3.3	1003	3.2	1172	3.2
Working collaboratively with others within your field	10	3.4	187	3.1	1005	3.3	1174	3.2
Working collaboratively with interdisciplinary groups	10	3.2	187	2.7	1005	3.0	1174	2.9
Understanding and valuing diverse people and cultures	10	3.4	188	2.9	1004	3.2	1173	3.2
Using self-reflection and self-assessment to guide next directions	10	3.4	188	2.8	1006	3.0	1175	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	11	3.5	182	3.5	966	3.5	1124	3.5
Writing effectively	10	3.8	180	3.3	963	3.4	1121	3.4
Speaking effectively about ideas, projects, and plans	11	3.8	182	3.5	963	3.6	1121	3.5
Critically analyzing the research, technical literature, and/or performance in your field	10	3.5	180	3.3	958	3.3	1115	3.3
Identifying important questions in your field	11	3.8	180	3.5	957	3.5	1115	3.4
Identifying and using the best methods for answering specific questions in your field	11	3.8	180	3.6	957	3.5	1115	3.5
Knowing how to generate original/creative ideas, solutions, and research directions	10	3.7	178	3.5	955	3.5	1113	3.5
Knowing how to put research ideas into practice in your field	11	3.7	179	3.3	954	3.3	1111	3.3
Understanding ethics and ethical practice in your field	11	3.3	178	3.3	956	3.4	1113	3.4
Understanding, evaluating, and using the quantitative methods relevant to your field	10	3.4	177	3.4	952	3.2	1109	3.2
Mastering specialized instruments, computer programs, or materials important to your field	11	3.5	179	3.4	955	3.2	1112	3.2
Learning independently	10	3.4	176	3.5	954	3.5	1111	3.5
Working collaboratively with others within your field	10	3.6	178	3.7	955	3.7	1111	3.7
Working collaboratively with interdisciplinary groups	11	3.6	178	3.6	955	3.6	1113	3.6
Understanding and valuing diverse people and cultures	10	3.4	178	3.3	955	3.6	1112	3.5
Using self-reflection and self-assessment to guide next directions	10	3.6	177	3.4	955	3.4	1113	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	11	3.3	177	2.8	909	2.9	1060	2.9
The help you received from graduate student colleagues	11	3.4	186	3.1	974	3.2	1134	3.2
The help you received navigating the job market	11	2.5	180	2.2	963	2.3	1117	2.3
Your overall learning experience at the UW	11	3.2	188	3.2	982	3.2	1142	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.	11	3.5	186	3.7	980	3.5	1141	3.5
Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	11	3.5	185	3.7	980	3.5	1141	3.5
Classrooms, labs, and other campus spaces were accessible.	11	3.6	185	3.4	976	3.4	1136	3.4
If I had to make my college choice over again, I would choose to attend UW.	11	3.2	186	3.3	981	3.3	1142	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?	11	3.5	181	3.3	972	3.3	1128	3.2

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Manufacturing Engineer	Crane Aerospace & Electronics
Manufacturing Engineer	
Junior Materials Engineer	
Materials & Flammability Engineer	Rockwell Collins - Integration Engineering (FSI)
Technician	PECO- Astronics
Metallurgical Engineer	Tethers Unlimited Inc.
Test Engineer	Boeing

Participating in a Volunteer or Service Program

Organization	Role or job title
UW clean energy institute	Lab researcher

Enrolled in Educational Program

Program of study	Institution
	UW