

UW Alumni Survey Results

2016-2017 MASTERS Degree Recipients

Materials Science And Engineering	College Of Engineering	All Professional	UW Seattle
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Graduates Surveyed

	N	%	N	%	N	%	N	%
Total	37	100%	703	100%	3265	100%	3871	100%
Women	7	19%	190	27%	1758	54%	2082	54%
Men	30	81%	513	73%	1507	46%	1789	46%
African American	0	0%	11	2%	107	3%	118	3%
American Indian	0	0%	6	1%	36	1%	45	1%
Asian American	4	11%	117	17%	448	14%	505	13%
Caucasian	17	46%	320	46%	1750	54%	2074	54%
Hawaiian/Pacific Islander	1	3%	6	1%	21	1%	23	1%
Hispanic/Latino	1	3%	33	5%	186	6%	218	6%
Other/Not Indicated	14	38%	210	30%	717	22%	888	23%
International	13	35%	188	27%	655	20%	817	21%

Survey Response Rates

	N	%	N	%	N	%	N	%
Total	15	41%	247	35%	1160	36%	1359	35%
Women	1	7%	63	26%	642	55%	766	56%
Men	14	93%	184	74%	518	45%	593	44%
African American	0	0%	7	3%	41	4%	46	3%
American Indian	0	0%	0	0%	14	1%	17	1%
Asian American	2	13%	41	17%	150	13%	173	13%
Caucasian	6	40%	123	50%	675	58%	803	59%
Hawaiian/Pacific Islander	1	7%	3	1%	12	1%	12	1%
Hispanic/Latino	1	7%	13	5%	57	5%	63	5%
Other/Not Indicated	5	33%	60	24%	211	18%	245	18%
International	5	33%	57	23%	198	17%	230	17%

Current Status

	N	%	N	%	N	%	N	%
Employed for pay full time	10	67%	185	75%	905	78%	991	73%
Employed for pay part time	1	7%	8	3%	62	5%	79	6%
Participating in a volunteer or service program	0	0%	0	0%	5	0%	8	1%
Serving in the U.S. military	0	0%	1	0%	3	0%	5	0%
Enrolled in a program of continuing education	1	7%	30	12%	64	6%	111	8%
Planning to continue education	0	0%	0	0%	5	0%	11	1%
Seeking employment	1	7%	15	6%	81	7%	105	8%
Not seeking employment or continuing education	0	0%	3	1%	8	1%	12	1%
Other	2	13%	5	2%	27	2%	37	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	10	100%	174	93%	835	88%	915	87%
Entrepreneur/self-employed	0	0%	4	2%	14	1%	17	2%
Temporary/contract work assignment	0	0%	4	2%	40	4%	46	4%
Freelance	0	0%	0	0%	1	0%	2	0%
Postgraduate internship or fellowship	0	0%	2	1%	23	2%	24	2%
Faculty tenure track position	0	0%	0	0%	11	1%	11	1%
Faculty non-tenure track position	0	0%	1	1%	8	1%	12	1%
Other	0	0%	3	2%	15	2%	22	2%

Career related

	N	%	N	%	N	%	N	%
Yes	10	100%	180	97%	894	94%	983	94%
No	0	0%	6	3%	53	6%	65	6%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	8	80%	121	65%	669	71%	734	70%
Other Washington	0	0%	6	3%	25	3%	28	3%
Alaska, Idaho, Oregon	0	0%	7	4%	34	4%	38	4%
California, Hawaii	1	10%	16	9%	62	7%	72	7%
Mountain states	0	0%	3	2%	18	2%	22	2%
Central states	0	0%	6	3%	30	3%	32	3%
Eastern states	0	0%	15	8%	64	7%	72	7%
International	1	10%	13	7%	41	4%	45	4%

Type of employer

	N	%	N	%	N	%	N	%
For-profit company	9	90%	154	88%	495	55%	546	55%
Non-profit/NGO	0	0%	3	2%	155	17%	166	17%
Government	1	10%	17	10%	219	24%	245	25%
Other	0	0%	2	1%	35	4%	38	4%

Search time (weeks)

	N					
	4	79	510	549		
Mean	22.3	11.3	10.5	10.4		
SD	14	11	10	10		
Range	3 36	0 52	0 52	0 52		

Salary

	N					
	6	145	718	779		
Mean	59,167	88,950	81,794	81,313		
SD	19,325	36,691	39,891	39,185		
Range	35,000 87,000	30,000 350,000	12,000 375,000	12,000 375,000		

First year bonus

	N					
	1	39	181	194		
Mean	7,500	22,549	22,872	23,811		
SD		56,374	40,605	40,314		
Range	7,500 7,500	750 350,000	200 350,000	200 350,000		

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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	50%	3	43%
Other Washington	0	0%	0	0%	0	0%	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%	0	0%	0	0%
International	0	0%	0	0%	2	50%	3	43%

Serving in the US Military**Service branch**

	N	%	N	%	N	%	N	%
Air Force	0	0%	0	0%	0	0%	1	25%
Army	0	0%	0	0%	1	50%	2	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	100%	1	50%	1	25%

Status

	N	%	N	%	N	%	N	%
Active duty	0	0%	1	100%	2	100%	4	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%	1	1%
Masters (MA/MS) – terminal degree	0	0%	1	3%	3	5%	5	5%
Masters (MA/MS) – leading to doctorate	0	0%	0	0%	1	2%	2	2%
Doctorate (PhD/EdD)	1	100%	28	93%	53	84%	95	86%
Professional (JD, MD, DDS, PharmD)	0	0%	1	3%	4	6%	5	5%
Other	0	0%	0	0%	0	0%	0	0%

School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	1	100%	28	93%	54	87%	96	88%
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%	1	3%	2	3%	2	2%
Mountain states	0	0%	0	0%	0	0%	0	0%
Central states	0	0%	0	0%	1	2%	1	1%
Eastern states	0	0%	0	0%	1	2%	2	2%
International	0	0%	1	3%	3	5%	7	6%

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

	N	%	N	%	N	%	N	%
Yes	8	67%	184	80%	961	87%	1127	87%
No	4	33%	47	20%	147	13%	175	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	12	3.1	219	3.3	1064	3.4	1246	3.4
Writing effectively	12	3.1	219	2.7	1063	2.9	1245	2.9
Speaking effectively about ideas, projects, and plans	12	3.4	218	2.8	1062	3.0	1244	3.0
Critically analyzing the research, technical literature, and/or performance in your field	12	3.3	219	3.2	1065	3.3	1246	3.3
Identifying important questions in your field	12	3.3	218	3.1	1063	3.3	1244	3.3
Identifying and using the best methods for answering specific questions in your field	12	3.2	219	3.2	1064	3.2	1246	3.2
Knowing how to generate original/creative ideas, solutions, and research directions	12	3.3	218	2.9	1063	3.0	1244	3.0
Knowing how to put research ideas into practice in your field	12	3.3	218	2.8	1062	2.9	1244	2.9
Understanding ethics and ethical practice in your field	12	3.0	219	2.6	1062	3.0	1244	3.0
Understanding, evaluating, and using the quantitative methods relevant to your field	12	3.3	218	3.2	1058	3.1	1240	3.1
Mastering specialized instruments, computer programs, or materials important to your field	12	3.2	219	3.0	1062	2.7	1244	2.7
Learning independently	12	3.5	219	3.2	1063	3.2	1245	3.2
Working collaboratively with others within your field	12	3.2	218	3.1	1061	3.3	1243	3.2
Working collaboratively with interdisciplinary groups	12	3.0	219	2.7	1061	3.0	1241	2.9
Understanding and valuing diverse people and cultures	12	2.9	218	2.8	1062	3.1	1244	3.1
Using self-reflection and self-assessment to guide next directions	12	2.9	219	2.8	1064	3.0	1246	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	12	3.2	210	3.5	1022	3.5	1199	3.6
Writing effectively	12	3.3	208	3.3	1016	3.3	1192	3.4
Speaking effectively about ideas, projects, and plans	12	3.3	209	3.4	1007	3.6	1183	3.6
Critically analyzing the research, technical literature, and/or performance in your field	12	3.6	208	3.3	1016	3.3	1192	3.3
Identifying important questions in your field	12	3.8	209	3.4	1012	3.5	1188	3.5
Identifying and using the best methods for answering specific questions in your field	12	3.8	208	3.5	1011	3.5	1187	3.5
Knowing how to generate original/creative ideas, solutions, and research directions	12	3.4	209	3.5	1013	3.4	1189	3.4
Knowing how to put research ideas into practice in your field	12	3.3	207	3.2	1011	3.2	1187	3.3
Understanding ethics and ethical practice in your field	12	2.9	208	3.2	1010	3.4	1186	3.4
Understanding, evaluating, and using the quantitative methods relevant to your field	12	3.3	208	3.4	1010	3.3	1186	3.3
Mastering specialized instruments, computer programs, or materials important to your field	12	3.5	206	3.4	1011	3.1	1187	3.1
Learning independently	12	3.4	206	3.5	1010	3.5	1186	3.5
Working collaboratively with others within your field	12	3.7	207	3.6	1008	3.6	1184	3.6
Working collaboratively with interdisciplinary groups	12	3.3	208	3.5	1010	3.5	1186	3.5
Understanding and valuing diverse people and cultures	12	3.2	206	3.2	1008	3.5	1184	3.5
Using self-reflection and self-assessment to guide next directions	12	3.5	207	3.3	1008	3.4	1184	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	12	2.8	196	2.8	958	2.9	1123	2.9
The help you received from graduate student colleagues	12	2.9	209	3.1	1032	3.2	1209	3.2
The help you received navigating the job market	12	1.9	204	2.2	1018	2.3	1191	2.3
Your overall learning experience at the UW	12	3.3	210	3.3	1035	3.3	1212	3.3

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.	12	3.3	210	3.6	1037	3.6	1213	3.6
Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	12	3.8	210	3.7	1036	3.6	1213	3.6
Classrooms, labs, and other campus spaces were accessible.	12	3.3	208	3.5	1029	3.5	1203	3.5
If I had to make my college choice over again, I would choose to attend UW.	12	3.2	210	3.4	1036	3.4	1211	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?	12	3.3	208	3.4	1026	3.3	1197	3.3

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

Job title	Employing organization
Research assistant	Decafino
research assistant	University of Washington
Research Engineer	
Materials Process Engineer	
Research Engineer	Eagle Harbor Technologies
Research Scientist	EnerG2
Engineer	Saic Motor
Engineering Application Programmer	Carlisle IT
Propulsion Engineer	Boeing Company
R&D Technician	Clean Energy International, inc.

Enrolled in Educational Program

Program of study	Institution
	University of Washington