

UW Alumni Survey Results 2016-2017 MASTERS Degree Recipients

	Chemical Engineering		College Of Engineering		All Professional		UW Seattle	
Graduates Surveyed								
	N	%	N	%	N	%	N	%
Total	29	100%	703	100%	3265	100%	3871	100%
Women	4	14%	190	27%	1758	54%	2082	54%
Men	25	86%	513	73%	1507	46%	1789	46%
African American	0	0%	11	2%	107	3%	118	3%
American Indian	1	3%	6	1%	36	1%	45	1%
Asian American	4	14%	117	17%	448	14%	505	13%
Caucasian	7	24%	320	46%	1750	54%	2074	54%
Hawaiian/Pacific Islander	0	0%	6	1%	21	1%	23	1%
Hispanic/Latino	1	3%	33	5%	186	6%	218	6%
Other/Not Indicated	16	55%	210	30%	717	22%	888	23%
International	16	55%	188	27%	655	20%	817	21%
Survey Response Rates								
	N	%	N	%	N	%	N	%
Total	14	48%	247	35%	1160	36%	1359	35%
Women	3	21%	63	26%	642	55%	766	56%
Men	11	79%	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	1	7%	41	17%	150	13%	173	13%
Caucasian	5	36%	123	50%	675	58%	803	59%
Hawaiian/Pacific Islander	0	0%	3	1%	12	1%	12	1%
Hispanic/Latino	0	0%	13	5%	57	5%	63	5%
Other/Not Indicated	8	57%	60	24%	211	18%	245	18%
International	8	57%	57	23%	198	17%	230	17%
Current Status								
	N	%	N	%	N	%	N	%
Employed for pay full time	7	50%	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	6	43%	30	12%	64	6%	111	8%
Planning to continue education	0	0%	0	0%	5	0%	11	1%
Seeking employment	0	0%	15	6%	81	7%	105	8%
Not seeking employment or continuing education	0	0%	3	1%	8	1%	12	1%
Other	0	0%	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	7	88%	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	1	13%	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	8	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	2	25%	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	13%	16	9%	62	7%	72	7%
Mountain states	0	0%	3	2%	18	2%	22	2%
Central states	1	13%	6	3%	30	3%	32	3%
Eastern states	1	13%	15	8%	64	7%	72	7%
International	3	38%	13	7%	41	4%	45	4%

Type of employer

	N	%	N	%	N	%	N	%
For-profit company	4	80%	154	88%	495	55%	546	55%
Non-profit/NGO	0	0%	3	2%	155	17%	166	17%
Government	1	20%	17	10%	219	24%	245	25%
Other	0	0%	2	1%	35	4%	38	4%

Search time (weeks)

	N		N		N		N	
	4		79		510		549	
Mean	11.3		11.3		10.5		10.4	
SD	13		11		10		10	
Range	4 30		0 52		0 52		0 52	

Salary

	N		N		N		N	
	3		145		718		779	
Mean	52,333		88,950		81,794		81,313	
SD	19,655		36,691		39,891		39,185	
Range	30,000 67,000		30,000 350,000		12,000 375,000		12,000 375,000	

First year bonus

	N		N		N		N	
	1		39		181		194	
Mean	2,000		22,549		22,872		23,811	
SD			56,374		40,605		40,314	
Range	2,000 2,000		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)	5	83%	28	93%	53	84%	95	86%
Professional (JD, MD, DDS, PharmD)	1	17%	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	6	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	6	50%	184	80%	961	87%	1127	87%
No	6	50%	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	10	3.1	219	3.3	1064	3.4	1246	3.4
Writing effectively	10	2.6	219	2.7	1063	2.9	1245	2.9
Speaking effectively about ideas, projects, and plans	10	2.7	218	2.8	1062	3.0	1244	3.0
Critically analyzing the research, technical literature, and/or performance in your field	10	3.3	219	3.2	1065	3.3	1246	3.3
Identifying important questions in your field	10	3.1	218	3.1	1063	3.3	1244	3.3
Identifying and using the best methods for answering specific questions in your field	10	3.0	219	3.2	1064	3.2	1246	3.2
Knowing how to generate original/creative ideas, solutions, and research directions	10	2.5	218	2.9	1063	3.0	1244	3.0
Knowing how to put research ideas into practice in your field	10	2.6	218	2.8	1062	2.9	1244	2.9
Understanding ethics and ethical practice in your field	10	2.3	219	2.6	1062	3.0	1244	3.0
Understanding, evaluating, and using the quantitative methods relevant to your field	10	2.8	218	3.2	1058	3.1	1240	3.1
Mastering specialized instruments, computer programs, or materials important to your field	10	3.0	219	3.0	1062	2.7	1244	2.7
Learning independently	10	3.0	219	3.2	1063	3.2	1245	3.2
Working collaboratively with others within your field	10	2.9	218	3.1	1061	3.3	1243	3.2
Working collaboratively with interdisciplinary groups	10	2.9	219	2.7	1061	3.0	1241	2.9
Understanding and valuing diverse people and cultures	10	2.5	218	2.8	1062	3.1	1244	3.1
Using self-reflection and self-assessment to guide next directions	10	2.4	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	9	3.3	210	3.5	1022	3.5	1199	3.6
Writing effectively	9	3.6	208	3.3	1016	3.3	1192	3.4
Speaking effectively about ideas, projects, and plans	9	3.4	209	3.4	1007	3.6	1183	3.6
Critically analyzing the research, technical literature, and/or performance in your field	9	3.6	208	3.3	1016	3.3	1192	3.3
Identifying important questions in your field	9	3.3	209	3.4	1012	3.5	1188	3.5
Identifying and using the best methods for answering specific questions in your field	9	3.4	208	3.5	1011	3.5	1187	3.5
Knowing how to generate original/creative ideas, solutions, and research directions	9	3.4	209	3.5	1013	3.4	1189	3.4
Knowing how to put research ideas into practice in your field	9	2.8	207	3.2	1011	3.2	1187	3.3
Understanding ethics and ethical practice in your field	9	2.9	208	3.2	1010	3.4	1186	3.4
Understanding, evaluating, and using the quantitative methods relevant to your field	9	3.2	208	3.4	1010	3.3	1186	3.3
Mastering specialized instruments, computer programs, or materials important to your field	9	3.3	206	3.4	1011	3.1	1187	3.1
Learning independently	9	3.3	206	3.5	1010	3.5	1186	3.5
Working collaboratively with others within your field	9	3.3	207	3.6	1008	3.6	1184	3.6
Working collaboratively with interdisciplinary groups	9	3.2	208	3.5	1010	3.5	1186	3.5
Understanding and valuing diverse people and cultures	9	2.9	206	3.2	1008	3.5	1184	3.5
Using self-reflection and self-assessment to guide next directions	9	3.0	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	11	2.6	196	2.8	958	2.9	1123	2.9
The help you received from graduate student colleagues	11	3.0	209	3.1	1032	3.2	1209	3.2
The help you received navigating the job market	11	2.4	204	2.2	1018	2.3	1191	2.3
Your overall learning experience at the UW	11	3.0	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.	11	3.4	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.	11	3.6	210	3.7	1036	3.6	1213	3.6
Classrooms, labs, and other campus spaces were accessible.	11	3.4	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.	11	2.9	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?	10	2.9	208	3.4	1026	3.3	1197	3.3

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Graduate Research Assistant	
Product Development Intern	
Data Analyst	Genentech
Research assistant	University of Illinois at Urbana Champaign
Process Sciences Associate II	Regeneron
Intern	Genentech
Investment Manager	LINUO group
Engineer	SINOPEC

Enrolled in Educational Program

Program of study	Institution
chemical engineering	University of Washington
Chemical Engineering	UW