

## UW Alumni Survey Results 2016-2017 MASTERS Degree Recipients

Aeronautics And Astronautics      College Of Engineering      All Professional      UW Seattle

### Graduates Surveyed

	N	%	N	%	N	%	N	%
Total	78	100%	703	100%	3265	100%	3871	100%
Women	18	23%	190	27%	1758	54%	2082	54%
Men	60	77%	513	73%	1507	46%	1789	46%
African American	1	1%	11	2%	107	3%	118	3%
American Indian	0	0%	6	1%	36	1%	45	1%
Asian American	13	17%	117	17%	448	14%	505	13%
Caucasian	47	60%	320	46%	1750	54%	2074	54%
Hawaiian/Pacific Islander	0	0%	6	1%	21	1%	23	1%
Hispanic/Latino	7	9%	33	5%	186	6%	218	6%
Other/Not Indicated	10	13%	210	30%	717	22%	888	23%
International	6	8%	188	27%	655	20%	817	21%

### Survey Response Rates

	N	%	N	%	N	%	N	%
Total	31	40%	247	35%	1160	36%	1359	35%
Women	7	23%	63	26%	642	55%	766	56%
Men	24	77%	184	74%	518	45%	593	44%
African American	1	3%	7	3%	41	4%	46	3%
American Indian	0	0%	0	0%	14	1%	17	1%
Asian American	4	13%	41	17%	150	13%	173	13%
Caucasian	21	68%	123	50%	675	58%	803	59%
Hawaiian/Pacific Islander	0	0%	3	1%	12	1%	12	1%
Hispanic/Latino	3	10%	13	5%	57	5%	63	5%
Other/Not Indicated	2	6%	60	24%	211	18%	245	18%
International	1	3%	57	23%	198	17%	230	17%

### Current Status

	N	%	N	%	N	%	N	%
Employed for pay full time	24	77%	185	75%	905	78%	991	73%
Employed for pay part time	2	6%	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	0	0%	30	12%	64	6%	111	8%
Planning to continue education	0	0%	0	0%	5	0%	11	1%
Seeking employment	3	10%	15	6%	81	7%	105	8%
Not seeking employment or continuing education	0	0%	3	1%	8	1%	12	1%
Other	2	6%	5	2%	27	2%	37	3%

Aeronautics And  
AstronauticsCollege Of  
Engineering

All Professional

UW Seattle

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

	N	%	N	%	N	%	N	%
Employee working for a company or organization	21	84%	174	93%	835	88%	915	87%
Entrepreneur/self-employed	1	4%	4	2%	14	1%	17	2%
Temporary/contract work assignment	1	4%	4	2%	40	4%	46	4%
Freelance	0	0%	0	0%	1	0%	2	0%
Postgraduate internship or fellowship	1	4%	2	1%	23	2%	24	2%
Faculty tenure track position	0	0%	0	0%	11	1%	11	1%
Faculty non-tenure track position	1	4%	1	1%	8	1%	12	1%
Other	0	0%	3	2%	15	2%	22	2%

**Career related**

	N	%	N	%	N	%	N	%
Yes	25	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	15	60%	121	65%	669	71%	734	70%
Other Washington	0	0%	6	3%	25	3%	28	3%
Alaska, Idaho, Oregon	1	4%	7	4%	34	4%	38	4%
California, Hawaii	3	12%	16	9%	62	7%	72	7%
Mountain states	1	4%	3	2%	18	2%	22	2%
Central states	1	4%	6	3%	30	3%	32	3%
Eastern states	2	8%	15	8%	64	7%	72	7%
International	2	8%	13	7%	41	4%	45	4%

**Type of employer**

	N	%	N	%	N	%	N	%
For-profit company	21	88%	154	88%	495	55%	546	55%
Non-profit/NGO	0	0%	3	2%	155	17%	166	17%
Government	3	13%	17	10%	219	24%	245	25%
Other	0	0%	2	1%	35	4%	38	4%

**Search time (weeks)**

	N							
		4	79	510	549			
Mean		11.3	11.3	10.5	10.4			
SD		11	11	10	10			
Range	3	26	0	52	0	52	0	52

**Salary**

	N							
		14	145	718	779			
Mean		91,750	88,950	81,794	81,313			
SD		18,738	36,691	39,891	39,185			
Range	55,000	140,000	30,000	350,000	12,000	375,000	12,000	375,000

**First year bonus**

	N							
		2	39	181	194			
Mean		2,875	22,549	22,872	23,811			
SD		3,005	56,374	40,605	40,314			
Range	750	5,000	750	350,000	200	350,000	200	350,000

Aeronautics And  
AstronauticsCollege Of  
Engineering

All Professional

UW Seattle

**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)	0	0%	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	0	0%	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%

Aeronautics And  
AstronauticsCollege Of  
Engineering

All Professional

UW Seattle

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

	N	%	N	%	N	%	N	%
Yes	27	93%	184	80%	961	87%	1127	87%
No	2	7%	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	29	3.4	219	3.3	1064	3.4	1246	3.4
Writing effectively	29	2.6	219	2.7	1063	2.9	1245	2.9
Speaking effectively about ideas, projects, and plans	29	2.5	218	2.8	1062	3.0	1244	3.0
Critically analyzing the research, technical literature, and/or performance in your field	29	3.1	219	3.2	1065	3.3	1246	3.3
Identifying important questions in your field	29	3.0	218	3.1	1063	3.3	1244	3.3
Identifying and using the best methods for answering specific questions in your field	29	3.2	219	3.2	1064	3.2	1246	3.2
Knowing how to generate original/creative ideas, solutions, and research directions	29	2.8	218	2.9	1063	3.0	1244	3.0
Knowing how to put research ideas into practice in your field	29	2.8	218	2.8	1062	2.9	1244	2.9
Understanding ethics and ethical practice in your field	29	2.4	219	2.6	1062	3.0	1244	3.0
Understanding, evaluating, and using the quantitative methods relevant to your field	29	3.3	218	3.2	1058	3.1	1240	3.1
Mastering specialized instruments, computer programs, or materials important to your field	29	3.2	219	3.0	1062	2.7	1244	2.7
Learning independently	29	3.3	219	3.2	1063	3.2	1245	3.2
Working collaboratively with others within your field	29	3.0	218	3.1	1061	3.3	1243	3.2
Working collaboratively with interdisciplinary groups	29	2.4	219	2.7	1061	3.0	1241	2.9
Understanding and valuing diverse people and cultures	29	2.6	218	2.8	1062	3.1	1244	3.1
Using self-reflection and self-assessment to guide next directions	29	2.6	219	2.8	1064	3.0	1246	3.0

Aeronautics And  
AstronauticsCollege Of  
Engineering

All Professional

UW Seattle

**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	27	3.5	210	3.5	1022	3.5	1199	3.6
Writing effectively	27	3.3	208	3.3	1016	3.3	1192	3.4
Speaking effectively about ideas, projects, and plans	27	3.3	209	3.4	1007	3.6	1183	3.6
Critically analyzing the research, technical literature, and/or performance in your field	27	3.1	208	3.3	1016	3.3	1192	3.3
Identifying important questions in your field	27	3.2	209	3.4	1012	3.5	1188	3.5
Identifying and using the best methods for answering specific questions in your field	26	3.5	208	3.5	1011	3.5	1187	3.5
Knowing how to generate original/creative ideas, solutions, and research directions	27	3.6	209	3.5	1013	3.4	1189	3.4
Knowing how to put research ideas into practice in your field	27	3.3	207	3.2	1011	3.2	1187	3.3
Understanding ethics and ethical practice in your field	27	3.1	208	3.2	1010	3.4	1186	3.4
Understanding, evaluating, and using the quantitative methods relevant to your field	27	3.6	208	3.4	1010	3.3	1186	3.3
Mastering specialized instruments, computer programs, or materials important to your field	27	3.4	206	3.4	1011	3.1	1187	3.1
Learning independently	26	3.4	206	3.5	1010	3.5	1186	3.5
Working collaboratively with others within your field	27	3.6	207	3.6	1008	3.6	1184	3.6
Working collaboratively with interdisciplinary groups	27	3.5	208	3.5	1010	3.5	1186	3.5
Understanding and valuing diverse people and cultures	26	2.9	206	3.2	1008	3.5	1184	3.5
Using self-reflection and self-assessment to guide next directions	26	3.1	207	3.3	1008	3.4	1184	3.4

Aeronautics And  
AstronauticsCollege Of  
Engineering

All Professional

UW Seattle

**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	25	2.8	196	2.8	958	2.9	1123	2.9
The help you received from graduate student colleagues	26	3.2	209	3.1	1032	3.2	1209	3.2
The help you received navigating the job market	26	2.2	204	2.2	1018	2.3	1191	2.3
Your overall learning experience at the UW	27	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.	27	3.7	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.	27	3.8	210	3.7	1036	3.6	1213	3.6
Classrooms, labs, and other campus spaces were accessible.	26	3.7	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.	27	3.3	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?	28	3.3	208	3.4	1026	3.3	1197	3.3

## Current activity roster

## Employed Full Time or Part time

Job title	Employing organization
Structural Engineer	Boeing
Manufacturing Engineer	Boeing Co
Structural analysis engineer	Boeing
Flight Test Engineer	The Boeing Company
Aerospace Engineer	
Data acquisition systems engineer	Max Planck institut
Stress Engineer	Greenpoint technologies
Aerospace Engineer	
Weights Engineer	Boeing
Design Engineer	The Boeing Company
Independent Contractor	Williamson & Associates
Flight Controls Engineer	Boeing
Research Assistant (I'm still at UW, getting a PhD)	UW
Systems Engineer	The Boeing Company
Level 3 engineer	Boeing
Materials & Process Engineer	Boeing
Aerospace Engineer	Sierra Nevada Corporation
Sr Systems Engineer	
	Lawrence Livermore national lab
Engineer	
Adjunct Faculty	Bellevue College
Product review engineer	Boeing
Aerospace Engineer	
MP&P Engineer	The BOEING Co