

**UW Alumni Survey Results  
2016-2017 UNDERGRADUATE Degree Recipients**

	Mechanical Engineering		College Of Engineering		All Professional		UW Seattle	
<b>Graduates Surveyed</b>								
	N	%	N	%	N	%	N	%
Total	146	100%	801	100%	2878	100%	7485	100%
Women	21	14%	191	24%	1419	49%	4021	54%
Men	125	86%	610	76%	1459	51%	3464	46%
African American	4	3%	20	2%	77	3%	236	3%
American Indian	0	0%	11	1%	35	1%	97	1%
Asian American	36	25%	222	28%	828	29%	2075	28%
Caucasian	73	50%	347	43%	1340	47%	3301	44%
Hawaiian/Pacific Islander	2	1%	8	1%	34	1%	75	1%
Hispanic/Latino	6	4%	37	5%	187	6%	562	8%
Other/Not Indicated	25	17%	156	19%	377	13%	1139	15%
International	24	16%	144	18%	347	12%	1055	14%
<b>Survey Response Rates</b>								
	N	%	N	%	N	%	N	%
Total	40	27%	236	29%	821	29%	2071	28%
Women	11	28%	76	32%	451	55%	1244	60%
Men	29	73%	160	68%	370	45%	827	40%
African American	2	5%	8	3%	24	3%	67	3%
American Indian	0	0%	5	2%	12	1%	32	2%
Asian American	11	28%	68	29%	235	29%	555	27%
Caucasian	22	55%	111	47%	399	49%	1014	49%
Hawaiian/Pacific Islander	1	3%	1	0%	9	1%	21	1%
Hispanic/Latino	2	5%	12	5%	57	7%	159	8%
Other/Not Indicated	2	5%	31	13%	85	10%	223	11%
International	2	5%	27	11%	73	9%	193	9%
<b>Current Status</b>								
	N	%	N	%	N	%	N	%
Employed for pay full time	29	73%	161	68%	539	66%	1144	55%
Employed for pay part time	2	5%	12	5%	48	6%	193	9%
Participating in a volunteer or service program	1	3%	4	2%	25	3%	61	3%
Serving in the U.S. military	0	0%	2	1%	4	0%	13	1%
Enrolled in a program of continuing education	5	13%	35	15%	105	13%	280	14%
Planning to continue education	1	3%	2	1%	13	2%	94	5%
Seeking employment	2	5%	20	8%	65	8%	207	10%
Not seeking employment or continuing education	0	0%	0	0%	6	1%	15	1%
Other	0	0%	0	0%	16	2%	64	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	25	83%	145	87%	514	89%	1156	89%
Entrepreneur/self-employed	0	0%	2	1%	8	1%	15	1%
Temporary/contract work assignment	2	7%	12	7%	34	6%	89	7%
Freelance	0	0%	0	0%	3	1%	7	1%
Postgraduate internship or fellowship	2	7%	7	4%	10	2%	21	2%
Other	1	3%	1	1%	6	1%	11	1%

**Career related**

	N	%	N	%	N	%	N	%
Yes	27	90%	153	92%	523	91%	1083	83%
No	3	10%	14	8%	52	9%	217	17%

**Job location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	22	76%	125	76%	451	79%	1016	79%
Other Washington	3	10%	7	4%	21	4%	52	4%
Alaska, Idaho, Oregon	0	0%	6	4%	17	3%	31	2%
California, Hawaii	1	3%	9	5%	27	5%	60	5%
Mountain states	0	0%	1	1%	7	1%	15	1%
Central states	0	0%	4	2%	10	2%	22	2%
Eastern states	3	10%	8	5%	20	4%	50	4%
International	0	0%	4	2%	15	3%	37	3%

**Type of employer**

	N	%	N	%	N	%	N	%
For-profit company	28	97%	143	88%	393	72%	823	67%
Non-profit/NGO	0	0%	2	1%	66	12%	162	13%
Government	1	3%	14	9%	69	13%	209	17%
Other	0	0%	4	2%	16	3%	37	3%

**Search time (weeks)**

	N							
		23	117	394	799			
Mean		9.5	11.3	9.6	9.1			
SD		9	11	10	9			
Range		0 30	0 52	0 52	0 52			

**Salary**

	N							
		21	125	430	890			
Mean		63,143	66,234	59,000	52,734			
SD		10,001	18,748	23,471	24,795			
Range		38,000 75,500	25,000 130,000	10,000 250,000	10,000 250,000			

**First year bonus**

	N							
		5	38	121	196			
Mean		3,750	11,425	10,779	11,057			
SD		1,173	19,993	14,626	14,388			
Range		2,500 5,000	500 100,000	400 100,000	100 100,000			

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

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	0	0%	3	75%	16	64%	35	59%
Other Washington	0	0%	0	0%	0	0%	3	5%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	2	3%
California, Hawaii	0	0%	0	0%	1	4%	1	2%
Mountain states	0	0%	0	0%	0	0%	0	0%
Central states	0	0%	0	0%	1	4%	1	2%
Eastern states	1	100%	1	25%	2	8%	4	7%
International	0	0%	0	0%	5	20%	13	22%

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

	N	%	N	%	N	%	N	%
Air Force	0	0%	0	0%	0	0%	1	8%
Army	0	0%	1	50%	2	50%	9	69%
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	50%	3	23%

**Status**

	N	%	N	%	N	%	N	%
Active duty	0	0%	2	100%	4	100%	11	85%
Reserve	0	0%	0	0%	0	0%	1	8%
National Guard	0	0%	0	0%	0	0%	1	8%

**Enrolled in Educational Program****Degree program**

	N	%	N	%	N	%	N	%
Certificate	0	0%	0	0%	4	4%	11	4%
Associate (AA/AS)	0	0%	0	0%	1	1%	2	1%
Bachelor (BA/BS)	1	25%	1	3%	3	3%	8	3%
Masters (MA/MS) – terminal degree	1	25%	23	70%	64	63%	142	52%
Masters (MA/MS) – leading to doctorate	0	0%	2	6%	8	8%	25	9%
Doctorate (PhD/EdD)	2	50%	7	21%	15	15%	45	16%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	4	4%	32	12%
Other	0	0%	0	0%	0	0%	0	0%

**School location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	3	60%	14	41%	57	55%	123	45%
Other Washington	0	0%	0	0%	3	3%	16	6%
Alaska, Idaho, Oregon	0	0%	0	0%	1	1%	7	3%
California, Hawaii	1	20%	8	24%	16	16%	28	10%
Mountain states	0	0%	0	0%	1	1%	9	3%
Central states	0	0%	0	0%	5	5%	14	5%
Eastern states	1	20%	11	32%	16	16%	59	22%
International	0	0%	1	3%	4	4%	15	6%

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

	N	%	N	%	N	%	N	%
Yes	36	92%	199	88%	724	92%	1802	91%
No	3	8%	26	12%	67	8%	170	9%

**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 at least one field of study	37	3.5	214	3.5	753	3.4	1882	3.3
Writing effectively	37	2.7	214	2.9	751	2.9	1879	3.0
Speaking effectively about ideas, projects, and plans	37	2.9	213	3.0	749	3.1	1876	3.1
Thinking critically and analytically, defining and solving problems	37	3.6	213	3.5	748	3.4	1875	3.4
Creating something new (for example, art, a performance, an object, ideas, or processes)	37	3.2	213	3.0	749	2.9	1873	2.8
Gathering information, conducting research	37	3.1	214	3.3	749	3.3	1875	3.3
Quantitative reasoning	37	3.5	213	3.4	747	3.2	1874	3.1
Understanding and valuing diverse people and cultures	37	2.6	214	2.8	747	3.1	1868	3.2
Working and learning independently	37	3.3	214	3.4	747	3.3	1869	3.4
Working and learning in a team	37	3.3	214	3.4	748	3.4	1868	3.2
Taking on leadership roles inside or outside of the classroom	37	2.9	214	3.0	748	2.9	1873	2.8
Understanding ethical practice(s) in at least one field	37	2.8	214	2.9	748	3.1	1870	3.0
Using self-reflection and self-assessment to guide next directions	37	2.6	213	2.8	746	3.0	1866	2.9
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	37	3.4	214	3.4	747	3.1	1871	2.9
Developing skills and attitudes that foster lifelong learning	37	3.0	214	3.2	747	3.2	1869	3.2
Developing career interests and habits for success in the workplace	37	3.0	214	3.1	746	3.2	1868	3.0
Understanding more about who you are	37	2.6	214	2.9	747	3.0	1863	3.0
Finding a direction you'd like to pursue	37	3.0	214	3.1	745	3.1	1870	3.0
Understanding and practicing civic engagement, social responsibility	37	2.4	214	2.6	747	2.9	1871	2.8

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<b>IMPORTANCE to current work and life</b>	N	Mean	N	Mean	N	Mean	N	Mean
Acquiring deep knowledge in at least one field of study	36	3.6	199	3.5	702	3.5	1766	3.4
Writing effectively	36	3.0	200	3.2	699	3.2	1759	3.3
Speaking effectively about ideas, projects, and plans	35	3.5	197	3.5	697	3.6	1754	3.5
Thinking critically and analytically, defining and solving problems	35	3.8	196	3.7	695	3.7	1753	3.6
Creating something new (for example, art, a performance, an object, ideas, or processes)	35	3.5	198	3.2	696	3.0	1754	3.0
Gathering information, conducting research	35	3.4	199	3.3	695	3.2	1749	3.2
Quantitative reasoning	35	3.5	199	3.4	698	3.2	1754	3.1
Understanding and valuing diverse people and cultures	35	3.0	198	2.8	697	3.2	1750	3.3
Working and learning independently	35	3.5	199	3.5	698	3.5	1753	3.6
Working and learning in a team	35	3.7	199	3.6	696	3.6	1752	3.6
Taking on leadership roles inside or outside of the classroom	35	3.3	198	3.1	695	3.2	1751	3.2
Understanding ethical practice(s) in at least one field	35	3.2	198	3.1	694	3.3	1747	3.3
Using self-reflection and self-assessment to guide next directions	35	3.2	198	3.1	694	3.3	1748	3.3
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	35	3.5	198	3.5	694	3.4	1748	3.2
Developing skills and attitudes that foster lifelong learning	35	3.3	198	3.3	694	3.4	1747	3.4
Developing career interests and habits for success in the workplace	35	3.5	198	3.5	695	3.5	1745	3.5
Understanding more about who you are	35	3.0	198	3.1	695	3.2	1748	3.3
Finding a direction you'd like to pursue	35	3.5	199	3.4	695	3.4	1747	3.4
Understanding and practicing civic engagement, social responsibility	35	2.8	198	3.0	695	3.1	1749	3.1

1=Not at all; 2=Somewhat; 3=Moderately; 4=Very

**Number of completed faculty-mentored research projects**

	N	%	N	%	N	%	N	%
None	10	28%	58	28%	321	44%	817	45%
One	14	39%	55	26%	178	25%	510	28%
Two	9	25%	56	27%	129	18%	272	15%
Three or more	3	8%	39	19%	98	13%	206	11%

**Number of completed internships**

	N	%	N	%	N	%	N	%
None	13	36%	66	32%	257	35%	815	45%
One	15	42%	87	42%	246	34%	525	29%
Two	7	19%	39	19%	130	18%	279	15%
Three or more	1	3%	16	8%	95	13%	187	10%

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**Number of completed service-learning projects**

	N	%	N	%	N	%	N	%
None	32	89%	159	77%	410	57%	1112	62%
One	3	8%	35	17%	178	25%	396	22%
Two	1	3%	7	3%	82	11%	178	10%
Three or more	0	0%	5	2%	54	7%	114	6%

**Importance to current employment**(Participated in 1 or more projects/internships and currently employed)  
1=Not at all; 2=Somewhat; 3=Moderately; 4=Very

	N	Mean	N	Mean	N	Mean	N	Mean
Faculty-sponsored research project(s)	22	2.9	102	2.9	259	2.9	592	2.8
Internship(s)	18	3.5	106	3.5	338	3.5	668	3.4
Service-learning project(s)	3	3.0	31	2.5	205	2.7	417	2.7

**Overall UW experience**

1=Poor; 2=Fair; 3=Good; 4=Excellent

	N	Mean	N	Mean	N	Mean	N	Mean
What you learned from co-curricular activities, such as study abroad, service learning, and participation in special UW programs, clubs, and organizations	35	2.9	199	2.8	709	2.9	1764	2.8
The help you received from academic advisers before you were formally admitted to your major	34	2.2	200	2.4	704	2.4	1770	2.4
The help you received from academic advisers in your academic department	35	2.6	201	3.0	712	3.0	1782	3.0
The help you received from your outside-class interactions with faculty/Tas	36	2.8	202	3.0	713	3.0	1781	2.9
Your overall learning experience at the UW	36	2.9	204	3.2	719	3.2	1791	3.2

1=Strongly Disagree; 2=Disagree; 3=Agree; 4=Strongly Agree

	N	Mean	N	Mean	N	Mean	N	Mean
Faculty and teaching assistants treated students respectfully - regardless of race, gender, ethnicity, sexuality, or country of origin.	36	3.5	204	3.6	718	3.5	1788	3.5
Students in my program treated each other respectfully - regardless of race, gender, ethnicity, sexuality, or country of origin.	36	3.5	202	3.6	715	3.6	1784	3.5
Classrooms, labs, and other campus spaces were accessible.	36	3.3	204	3.5	718	3.5	1785	3.4
If I had to make my college choice over again, I would choose to attend UW.	36	3.3	204	3.4	718	3.5	1792	3.4

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?	37	3.1	207	3.3	718	3.3	1781	3.3

## Current activity roster

## Employed Full Time or Part time

Job title	Employing organization
Engineering Intern	Northwest Aerospace Technologies
Structural design engineer	
Intern	Mckinsey and Co.
Manufacturing Engineer	Honeywell Aerospace
GPON Engineer	CenturyLink
mechanical engineer	
Controls Technician	LONG
Propulsion Engineer	Boeing
Retail Associate	
Rotational Engineer	
Design Engineer	Janicki Industries
Engineer	ATS Automation, Inc.
Designer	King County
Technician	ChefSteps
Structural Design Engineer	Boeing
Project Engineer	
Mechanical Engineer	Janicki Industries
Project Engineer	ATS Automation, Inc.
Mechanical Engineer	NAVATEK
Warranty Engineer	IFA
Design Engineer	Janicki Industries
mechanical engineer intern	Spacelabs healthcare
Test Engineer	
Project Engineer	ATS Automation
CAD Design Engineer	Google
Mechanical Engineer	Fives Lund LLC.
Oracle Developer	

## Participating in a Volunteer or Service Program

Organization	Role or job title
AmeriCorps NCCC	Team Leader

## Enrolled in Educational Program

Program of study	Institution
Computer Science	University of Washington Tacoma
	Columbia University
	California Institute of Technology
Aeronautical and Astronautical Engineering	University of Washington
Mechanical Engineering	University of Washington