

UW Alumni Survey Results 2017-2018 UNDERGRADUATE Degree Recipients

	Mechanical Engineering		College Of Engineering		All Professional		UW Seattle	
Graduates Surveyed								
	N	%	N	%	N	%	N	%
Total	142	100%	822	100%	3049	100%	7712	100%
Women	27	19%	231	28%	1527	50%	4187	54%
Men	115	81%	591	72%	1522	50%	3525	46%
African American	5	4%	21	3%	124	4%	296	4%
American Indian	1	1%	7	1%	29	1%	80	1%
Asian American	32	23%	248	30%	867	28%	2169	28%
Caucasian	75	53%	357	43%	1435	47%	3419	44%
Hawaiian/Pacific Islander	2	1%	9	1%	31	1%	72	1%
Hispanic/Latino	10	7%	42	5%	192	6%	538	7%
Other/Not Indicated	17	12%	138	17%	371	12%	1138	15%
International	17	12%	138	17%	337	11%	1011	13%
Survey Response Rates								
	N	%	N	%	N	%	N	%
Total	31	22%	221	27%	851	28%	1936	25%
Women	5	16%	77	35%	464	55%	1133	59%
Men	26	84%	144	65%	387	45%	803	41%
African American	1	3%	5	2%	26	3%	69	4%
American Indian	0	0%	3	1%	10	1%	18	1%
Asian American	10	32%	79	36%	260	31%	548	28%
Caucasian	18	58%	92	42%	406	48%	948	49%
Hawaiian/Pacific Islander	0	0%	1	0%	10	1%	19	1%
Hispanic/Latino	1	3%	9	4%	56	7%	142	7%
Other/Not Indicated	1	3%	32	14%	83	10%	192	10%
International	2	6%	34	15%	74	9%	161	8%
Current Status								
	N	%	N	%	N	%	N	%
Employed for pay full time	26	84%	153	69%	589	69%	1184	61%
Employed for pay part time	0	0%	6	3%	43	5%	150	8%
Participating in a volunteer or service program	1	3%	3	1%	16	2%	40	2%
Serving in the U.S. military	0	0%	3	1%	6	1%	12	1%
Enrolled in a program of continuing education	2	6%	29	13%	99	12%	245	13%
Planning to continue education	0	0%	2	1%	21	2%	91	5%
Seeking employment	2	6%	23	10%	51	6%	125	6%
Not seeking employment or continuing education	0	0%	0	0%	5	1%	17	1%
Other	0	0%	2	1%	21	2%	72	4%

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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	96%	138	88%	554	89%	1152	89%
Entrepreneur/self-employed	0	0%	1	1%	6	1%	12	1%
Temporary/contract work assignment	0	0%	7	4%	28	5%	65	5%
Freelance	0	0%	0	0%	1	0%	7	1%
Postgraduate internship or fellowship	0	0%	4	3%	9	1%	20	2%
Other	1	4%	6	4%	21	3%	39	3%

Career related

	N	%	N	%	N	%	N	%
Yes	24	92%	147	95%	563	91%	1093	85%
No	2	8%	8	5%	56	9%	200	15%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	16	62%	105	68%	472	77%	1004	78%
Other Washington	3	12%	7	5%	16	3%	42	3%
Alaska, Idaho, Oregon	3	12%	4	3%	14	2%	19	1%
California, Hawaii	2	8%	13	8%	38	6%	76	6%
Mountain states	1	4%	5	3%	7	1%	10	1%
Central states	0	0%	2	1%	16	3%	29	2%
Eastern states	1	4%	12	8%	28	5%	61	5%
International	0	0%	6	4%	22	4%	42	3%

Type of employer

	N	%	N	%	N	%	N	%
For-profit company	22	92%	128	88%	411	72%	818	68%
Non-profit/NGO	1	4%	3	2%	57	10%	138	12%
Government	1	4%	13	9%	95	17%	205	17%
Other	0	0%	1	1%	11	2%	35	3%

Search time (weeks)

	N							
	22		103		406		780	
Mean	11.0		13.3		9.5		9.1	
SD	9		13		9		9	
Range	1 32		0 52		0 52		0 52	

Salary

	N							
	24		116		446		870	
Mean	65,979		71,449		60,775		56,104	
SD	12,962		19,212		21,397		30,278	
Range	30,000 80,000		15,000 130,000		11,250 130,000		10,000 480,000	

First year bonus

	N							
	10		47		160		244	
Mean	7,095		8,140		8,484		10,845	
SD	6,527		10,288		9,393		14,183	
Range	500 20,000		500 50,000		124 57,000		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%	1	33%	7	44%	14	39%
Other Washington	0	0%	0	0%	2	13%	2	6%
Alaska, Idaho, Oregon	0	0%	0	0%	1	6%	2	6%
California, Hawaii	0	0%	1	33%	1	6%	2	6%
Mountain states	0	0%	0	0%	0	0%	1	3%
Central states	0	0%	0	0%	1	6%	2	6%
Eastern states	0	0%	0	0%	2	13%	3	8%
International	1	100%	1	33%	2	13%	10	28%

Serving in the US Military**Service branch**

	N	%	N	%	N	%	N	%
Air Force	0	0%	0	0%	0	0%	3	27%
Army	0	0%	0	0%	2	33%	3	27%
Coast Guard	0	0%	0	0%	0	0%	0	0%
Marine Corps	0	0%	0	0%	0	0%	1	9%
Navy	0	0%	3	100%	4	67%	4	36%

Status

	N	%	N	%	N	%	N	%
Active duty	0	0%	3	100%	6	100%	10	91%
Reserve	0	0%	0	0%	0	0%	1	9%
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%	3	3%	9	4%
Associate (AA/AS)	0	0%	0	0%	1	1%	2	1%
Bachelor (BA/BS)	0	0%	0	0%	2	2%	8	3%
Masters (MA/MS) – terminal degree	0	0%	21	72%	58	59%	121	50%
Masters (MA/MS) – leading to doctorate	1	50%	4	14%	10	10%	23	9%
Doctorate (PhD/EdD)	1	50%	4	14%	16	16%	31	13%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	5	5%	41	17%
Other	0	0%	0	0%	0	0%	0	0%

School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	1	50%	16	55%	57	58%	119	51%
Other Washington	0	0%	0	0%	0	0%	11	5%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	4	2%
California, Hawaii	1	50%	4	14%	12	12%	27	12%
Mountain states	0	0%	0	0%	2	2%	3	1%
Central states	0	0%	0	0%	3	3%	11	5%
Eastern states	0	0%	5	17%	17	17%	42	18%
International	0	0%	4	14%	7	7%	17	7%

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

	N	%	N	%	N	%	N	%
Yes	28	93%	180	87%	735	92%	1665	92%
No	2	7%	28	13%	65	8%	138	8%

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	28	3.3	198	3.4	756	3.4	1692	3.3
Writing effectively	28	2.9	198	2.9	755	3.0	1690	3.0
Speaking effectively about ideas, projects, and plans	28	3.1	196	3.1	752	3.2	1687	3.1
Thinking critically and analytically, defining and solving problems	28	3.4	197	3.5	753	3.4	1690	3.4
Creating something new (for example, art, a performance, an object, ideas, or processes)	28	2.8	197	3.0	752	2.9	1687	2.8
Gathering information, conducting research	28	3.0	196	3.3	750	3.3	1686	3.3
Quantitative reasoning	28	3.4	195	3.3	751	3.2	1684	3.1
Understanding and valuing diverse people and cultures	27	3.0	195	2.9	750	3.1	1683	3.2
Working and learning independently	27	3.5	196	3.4	752	3.4	1687	3.4
Working and learning in a team	27	3.2	195	3.3	751	3.4	1685	3.2
Taking on leadership roles inside or outside of the classroom	27	3.1	195	2.8	751	2.9	1686	2.8
Understanding ethical practice(s) in at least one field	27	2.9	195	3.0	749	3.2	1683	3.1
Using self-reflection and self-assessment to guide next directions	27	3.0	194	2.9	748	3.0	1677	3.0
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	27	3.4	195	3.4	747	3.1	1678	2.9
Developing skills and attitudes that foster lifelong learning	27	3.2	194	3.2	749	3.2	1678	3.1
Developing career interests and habits for success in the workplace	27	3.0	195	3.0	749	3.1	1676	3.0
Understanding more about who you are	27	3.0	196	2.9	750	3.0	1680	3.1
Finding a direction you'd like to pursue	27	3.0	195	3.0	751	3.1	1680	3.0
Understanding and practicing civic engagement, social responsibility	27	2.7	195	2.7	751	2.9	1680	2.9

	Mechanical Engineering		College Of Engineering		All Professional		UW Seattle	
IMPORTANCE to current work and life	N	Mean	N	Mean	N	Mean	N	Mean
Acquiring deep knowledge in at least one field of study	25	3.4	180	3.5	698	3.4	1560	3.4
Writing effectively	25	3.0	180	3.2	697	3.3	1555	3.3
Speaking effectively about ideas, projects, and plans	25	3.5	179	3.6	691	3.6	1553	3.6
Thinking critically and analytically, defining and solving problems	25	3.7	179	3.8	691	3.7	1552	3.7
Creating something new (for example, art, a performance, an object, ideas, or processes)	25	3.0	179	3.2	693	3.0	1554	3.0
Gathering information, conducting research	25	3.1	179	3.3	689	3.2	1550	3.2
Quantitative reasoning	25	3.2	179	3.4	690	3.2	1550	3.1
Understanding and valuing diverse people and cultures	25	3.0	179	3.1	689	3.3	1551	3.3
Working and learning independently	25	3.4	179	3.5	689	3.6	1549	3.6
Working and learning in a team	25	3.4	179	3.6	691	3.6	1551	3.5
Taking on leadership roles inside or outside of the classroom	24	3.3	178	3.2	689	3.2	1552	3.2
Understanding ethical practice(s) in at least one field	25	3.0	179	3.1	689	3.2	1548	3.3
Using self-reflection and self-assessment to guide next directions	25	3.2	178	3.3	689	3.3	1548	3.3
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	25	3.4	179	3.5	690	3.3	1550	3.2
Developing skills and attitudes that foster lifelong learning	25	3.4	178	3.4	687	3.4	1548	3.4
Developing career interests and habits for success in the workplace	25	3.5	177	3.5	686	3.5	1546	3.5
Understanding more about who you are	25	3.0	178	3.2	687	3.3	1549	3.3
Finding a direction you'd like to pursue	25	3.2	175	3.3	682	3.4	1543	3.4
Understanding and practicing civic engagement, social responsibility	25	2.8	177	3.0	687	3.1	1548	3.1

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

Number of completed faculty-mentored research projects

	N	%	N	%	N	%	N	%
None	3	12%	53	29%	326	46%	730	46%
One	11	42%	53	29%	176	25%	442	28%
Two	9	35%	47	25%	124	18%	240	15%
Three or more	3	12%	32	17%	82	12%	169	11%

Number of completed internships

	N	%	N	%	N	%	N	%
None	8	31%	59	32%	231	33%	671	42%
One	7	27%	62	33%	215	30%	424	27%
Two	10	38%	43	23%	152	21%	290	18%
Three or more	1	4%	22	12%	111	16%	200	13%

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Number of completed service-learning projects

	N	%	N	%	N	%	N	%
None	19	73%	147	79%	386	55%	950	60%
One	4	15%	27	15%	163	23%	364	23%
Two	2	8%	7	4%	81	11%	141	9%
Three or more	1	4%	4	2%	77	11%	124	8%

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)	20	2.5	90	2.7	258	2.8	548	2.9
Internship(s)	17	3.7	93	3.4	353	3.5	659	3.4
Service-learning project(s)	6	2.5	29	2.4	226	2.8	429	2.8

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	26	3.2	183	2.9	698	3.0	1560	2.9
The help you received from academic advisers before you were formally admitted to your major	26	2.2	184	2.3	698	2.4	1569	2.5
The help you received from academic advisers in your academic department	26	2.8	186	3.0	702	3.0	1576	3.0
The help you received from your outside-class interactions with faculty/Tas	26	3.3	186	3.1	701	3.0	1574	3.0
Your overall learning experience at the UW	26	3.3	187	3.2	711	3.2	1585	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.	26	3.6	187	3.5	703	3.5	1580	3.5
Students in my program treated each other respectfully - regardless of race, gender, ethnicity, sexuality, or country of origin.	26	3.5	187	3.5	704	3.5	1578	3.5
Classrooms, labs, and other campus spaces were accessible.	26	3.5	186	3.4	700	3.4	1569	3.4
If I had to make my college choice over again, I would choose to attend UW.	26	3.3	187	3.4	706	3.4	1583	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?	26	3.3	181	3.2	696	3.3	1560	3.3

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Mechanical Systems Engineer	
Mechanical Engineer	Blue Origin
Additive Manufacturing Engineer	Nucor Steel, Seattle Inc.
Liaison Engineer	Boeing
Mechanical Engineering Intern	Synapse Product Development
Structural Engineer	Blue Origin
Accountant	Hyogo Business & Cultural Center
Mechanical Design Engineer	Stryker
Mechanical Systems Engineer	Boeing
Structural Dynamics Engineer	Virgin Orbit
Tool Engineering	Boeing
Business System Analyst	
Design Engineer	Genie (Terex)
Financial Advisor	Edward Jones
Mechanical engineer	Coffman engineers
Engineer 1	POWER Engineers
	City of Tukwila
Mechanical engineer	Team corporation
Mechanical Engineer I	Navatek LLC
Mechanical Engineer	Sedron Technologies
Mechanical Design Engineer	BCE Engineers
Engineer	Boeing
Engineer	
Consulting analyst	Accenture
Mechanical Design and Analysis Engineer	Boeing
Engineer	

Participating in a Volunteer or Service Program

Organization	Role or job title
Adventures in Missions	World Race Missionary

Enrolled in Educational Program

Program of study	Institution
Mechanical Engineering	University of Washington
	University of Southern California