

**UW Alumni Survey Results  
2018-2019 UNDERGRADUATE Degree Recipients**

	Mechanical Engineering		College Of Engineering		All Professional		UW Seattle	
<b>Graduates Surveyed</b>								
	N	%	N	%	N	%	N	%
Total	156	100%	913	100%	3254	100%	8030	100%
Women	37	24%	269	29%	1686	52%	4346	54%
Men	119	76%	644	71%	1568	48%	3684	46%
African American	5	3%	39	4%	148	5%	325	4%
American Indian	2	1%	8	1%	39	1%	101	1%
Asian American	40	26%	269	29%	953	29%	2311	29%
Caucasian	72	46%	368	40%	1434	44%	3408	42%
Hawaiian/Pacific Islander	2	1%	11	1%	46	1%	98	1%
Hispanic/Latino	7	4%	45	5%	233	7%	579	7%
Other/Not Indicated	28	18%	173	19%	401	12%	1208	15%
International	28	18%	168	18%	367	11%	1105	14%
<b>Survey Response Rates</b>								
	N	%	N	%	N	%	N	%
Total	43	28%	254	28%	829	25%	1959	24%
Women	11	26%	80	31%	446	54%	1130	58%
Men	32	74%	174	69%	383	46%	829	42%
African American	0	0%	10	4%	31	4%	67	3%
American Indian	1	2%	2	1%	10	1%	27	1%
Asian American	12	28%	77	30%	234	28%	579	30%
Caucasian	23	53%	114	45%	412	50%	927	47%
Hawaiian/Pacific Islander	0	0%	4	2%	12	1%	21	1%
Hispanic/Latino	2	5%	13	5%	51	6%	133	7%
Other/Not Indicated	5	12%	34	13%	79	10%	205	10%
International	5	12%	33	13%	66	8%	179	9%
<b>Current Status</b>								
	N	%	N	%	N	%	N	%
Employed for pay full time	28	65%	160	63%	567	68%	1227	63%
Employed for pay part time	3	7%	11	4%	44	5%	142	7%
Participating in a volunteer or service program	0	0%	0	0%	8	1%	26	1%
Serving in the U.S. military	0	0%	1	0%	4	0%	14	1%
Enrolled in a program of continuing education	10	23%	50	20%	112	14%	270	14%
Planning to continue education	0	0%	1	0%	11	1%	83	4%
Seeking employment	2	5%	20	8%	53	6%	124	6%
Not seeking employment or continuing education	0	0%	3	1%	7	1%	12	1%
Other	0	0%	8	3%	23	3%	61	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	29	94%	151	93%	542	92%	1209	92%
Entrepreneur/self-employed	0	0%	1	1%	6	1%	10	1%
Temporary/contract work assignment	2	6%	10	6%	31	5%	75	6%
Freelance	0	0%	0	0%	0	0%	6	0%
Postgraduate internship or fellowship	0	0%	1	1%	8	1%	14	1%
Other	0	0%	0	0%	2	0%	4	0%

**Career related**

	N	%	N	%	N	%	N	%
Yes	29	94%	157	96%	538	91%	1130	86%
No	2	6%	7	4%	52	9%	189	14%

**Job location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	21	68%	112	68%	421	72%	962	73%
Other Washington	2	6%	6	4%	21	4%	47	4%
Alaska, Idaho, Oregon	1	3%	7	4%	21	4%	31	2%
California, Hawaii	3	10%	12	7%	55	9%	118	9%
Mountain states	2	6%	4	2%	13	2%	18	1%
Central states	1	3%	8	5%	13	2%	30	2%
Eastern states	1	3%	13	8%	32	5%	64	5%
International	0	0%	2	1%	11	2%	39	3%

**Type of employer**

	N	%	N	%	N	%	N	%
For-profit company	25	83%	133	83%	399	70%	836	66%
Non-profit/NGO	0	0%	3	2%	69	12%	172	14%
Government	5	17%	22	14%	89	16%	221	17%
Other	0	0%	2	1%	13	2%	42	3%

**Search time (weeks)**

	N							
		24	125	417	879			
Mean		11.8	12.0	10.3	9.6			
SD		8	11	10	9			
Range		0 30	0 52	0 52	0 52			

**Salary**

	N							
		25	136	454	947			
Mean		71,359	74,480	65,573	60,808			
SD		13,862	16,685	29,355	34,547			
Range		36,000 107,000	30,000 125,000	12,000 500,000	12,000 500,000			

**First year bonus**

	N							
		4	54	154	270			
Mean		9,000	10,448	13,956	16,296			
SD		7,348	10,133	18,773	21,081			
Range		5,000 20,000	250 35,000	100 100,000	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%	0	0%	4	57%	8	36%
Other Washington	0	0%	0	0%	0	0%	1	5%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	1	5%
California, Hawaii	0	0%	0	0%	0	0%	1	5%
Mountain states	0	0%	0	0%	0	0%	1	5%
Central states	0	0%	0	0%	0	0%	0	0%
Eastern states	0	0%	0	0%	1	14%	1	5%
International	0	0%	0	0%	2	29%	9	41%

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

	N	%	N	%	N	%	N	%
Air Force	0	0%	1	100%	2	50%	4	29%
Army	0	0%	0	0%	0	0%	5	36%
Coast Guard	0	0%	0	0%	0	0%	0	0%
Marine Corps	0	0%	0	0%	1	25%	2	14%
Navy	0	0%	0	0%	1	25%	3	21%

**Status**

	N	%	N	%	N	%	N	%
Active duty	0	0%	1	100%	4	100%	14	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	1%	5	2%
Associate (AA/AS)	0	0%	0	0%	1	1%	1	0%
Bachelor (BA/BS)	0	0%	0	0%	1	1%	5	2%
Masters (MA/MS) – terminal degree	6	60%	33	70%	71	66%	150	59%
Masters (MA/MS) – leading to doctorate	3	30%	8	17%	13	12%	15	6%
Doctorate (PhD/EdD)	1	10%	6	13%	15	14%	37	14%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	3	3%	34	13%
Other	0	0%	0	0%	0	0%	0	0%

**School location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	6	60%	25	54%	54	51%	101	41%
Other Washington	0	0%	0	0%	1	1%	6	2%
Alaska, Idaho, Oregon	0	0%	1	2%	2	2%	6	2%
California, Hawaii	3	30%	14	30%	19	18%	35	14%
Mountain states	0	0%	1	2%	2	2%	4	2%
Central states	0	0%	1	2%	6	6%	17	7%
Eastern states	1	10%	4	9%	16	15%	58	23%
International	0	0%	0	0%	6	6%	22	9%

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

	N	%	N	%	N	%	N	%
Yes	36	88%	209	88%	712	92%	1665	91%
No	5	12%	28	12%	60	8%	158	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	39	3.3	226	3.4	728	3.4	1701	3.3
Writing effectively	39	2.8	224	2.8	724	3.0	1692	3.0
Speaking effectively about ideas, projects, and plans	38	3.0	222	3.0	721	3.2	1690	3.1
Thinking critically and analytically, defining and solving problems	39	3.4	225	3.5	725	3.4	1694	3.4
Creating something new (for example, art, a performance, an object, ideas, or processes)	39	2.9	225	2.9	727	2.9	1697	2.8
Gathering information, conducting research	39	3.2	224	3.3	723	3.3	1691	3.3
Quantitative reasoning	39	3.4	224	3.3	721	3.2	1688	3.1
Understanding and valuing diverse people and cultures	39	2.7	222	2.9	719	3.2	1685	3.2
Working and learning independently	39	3.2	224	3.3	722	3.3	1688	3.4
Working and learning in a team	39	3.3	224	3.4	722	3.4	1691	3.2
Taking on leadership roles inside or outside of the classroom	39	3.1	223	2.9	719	3.0	1686	2.8
Understanding ethical practice(s) in at least one field	39	3.0	222	3.0	719	3.2	1680	3.0
Using self-reflection and self-assessment to guide next directions	39	2.7	224	2.8	719	2.9	1684	2.9
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	39	3.4	223	3.3	721	3.1	1686	2.9
Developing skills and attitudes that foster lifelong learning	39	3.1	222	3.0	721	3.1	1686	3.1
Developing career interests and habits for success in the workplace	39	2.9	224	3.0	722	3.1	1685	3.0
Understanding more about who you are	39	2.8	223	2.9	721	3.0	1682	3.0
Finding a direction you'd like to pursue	39	3.0	222	3.0	719	3.1	1683	3.0
Understanding and practicing civic engagement, social responsibility	39	2.5	224	2.5	721	2.8	1682	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	37	3.5	203	3.4	657	3.5	1536	3.4
Writing effectively	37	3.5	201	3.3	653	3.3	1528	3.3
Speaking effectively about ideas, projects, and plans	37	3.7	202	3.6	650	3.7	1521	3.6
Thinking critically and analytically, defining and solving problems	37	3.8	203	3.8	653	3.7	1527	3.7
Creating something new (for example, art, a performance, an object, ideas, or processes)	37	3.5	202	3.3	650	3.2	1523	3.1
Gathering information, conducting research	37	3.5	203	3.4	654	3.3	1527	3.2
Quantitative reasoning	37	3.5	202	3.5	651	3.3	1525	3.2
Understanding and valuing diverse people and cultures	37	3.1	202	3.0	649	3.3	1522	3.4
Working and learning independently	37	3.5	202	3.4	651	3.5	1525	3.6
Working and learning in a team	37	3.6	202	3.6	653	3.7	1524	3.6
Taking on leadership roles inside or outside of the classroom	37	3.3	202	3.1	651	3.2	1524	3.2
Understanding ethical practice(s) in at least one field	37	3.2	203	3.2	651	3.3	1523	3.3
Using self-reflection and self-assessment to guide next directions	37	3.3	200	3.3	650	3.4	1522	3.4
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	37	3.3	203	3.4	651	3.3	1523	3.2
Developing skills and attitudes that foster lifelong learning	37	3.4	202	3.3	653	3.5	1524	3.4
Developing career interests and habits for success in the workplace	37	3.5	202	3.4	652	3.5	1526	3.5
Understanding more about who you are	37	3.1	200	3.1	649	3.3	1522	3.3
Finding a direction you'd like to pursue	37	3.4	202	3.4	652	3.5	1525	3.4
Understanding and practicing civic engagement, social responsibility	37	2.9	203	2.9	653	3.1	1527	3.2

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

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

	N	%	N	%	N	%	N	%
None	5	13%	57	28%	273	41%	709	46%
One	16	42%	62	30%	177	26%	424	27%
Two	13	34%	56	27%	128	19%	244	16%
Three or more	4	11%	31	15%	94	14%	178	11%

**Number of completed internships**

	N	%	N	%	N	%	N	%
None	11	29%	61	30%	204	30%	632	41%
One	17	45%	79	38%	230	34%	483	31%
Two	6	16%	42	20%	151	22%	276	18%
Three or more	4	11%	24	12%	90	13%	169	11%

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**Number of completed service-learning projects**

	N	%	N	%	N	%	N	%
None	31	82%	162	79%	387	58%	961	62%
One	5	13%	27	13%	161	24%	364	23%
Two	0	0%	8	4%	75	11%	133	9%
Three or more	2	5%	7	3%	49	7%	98	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)	21	2.9	95	2.9	278	2.9	577	2.9
Internship(s)	21	3.3	105	3.4	354	3.4	674	3.4
Service-learning project(s)	2	3.0	26	2.9	201	2.8	407	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	38	3.2	202	2.8	668	3.0	1535	2.9
The help you received from academic advisers before you were formally admitted to your major	37	2.7	202	2.4	665	2.4	1544	2.4
The help you received from academic advisers in your academic department	37	3.5	205	3.0	670	3.1	1554	3.0
The help you received from your outside-class interactions with faculty/Tas	38	3.1	206	3.0	673	3.0	1557	3.0
Your overall learning experience at the UW	38	3.1	206	3.1	677	3.2	1568	3.1

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	3.4	205	3.5	671	3.5	1555	3.5
Students in my program treated each other respectfully - regardless of race, gender, ethnicity, sexuality, or country of origin.	36	3.5	205	3.5	671	3.6	1554	3.5
Classrooms, labs, and other campus spaces were accessible.	37	3.5	206	3.4	671	3.4	1554	3.4
If I had to make my college choice over again, I would choose to attend UW.	37	3.3	206	3.3	672	3.3	1558	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?	36	3.2	202	3.2	659	3.3	1523	3.2

## Current activity roster

## Employed Full Time or Part time

Job title	Employing organization
Manufacturing engineer	
LP Gas Engineer	Algas-SDI
Mechanical Engineer	Sedron Technologies
EDI Engineer	Epic Systems
Mechanical Engineer I	Fives Lund, Inc.
Teaching Assistant	University of Washington
Temporary Staff TA	University of Washington
Manufacturing Engineer	
Data Analyst	
Associate Electrical Engineer	Rad Power Bikes
Field service engineer	Tokyo Electron
Yield Engineer	Intel Corporation
Engineering manager	
	W.L. Gore & Associates
Controls Design Engineer	General Motors
Sales Engineer	Proctor Sales
Systems Support Engineer	
	SpaceX
Equipment Development Engineer	Starbucks
	Philips
Mechanical Engineer	Institute for Environmental Health
Marine Electrical Engineer	Glostén
Additive Manufacturing Process Engineer	Lawrence Livermore National Laboratory
Mechanical Engineer	The Boeing Company
Structures Stress Analyst	Boeing
Preloader	UPS
Manufacturing Engineer	Exotic Metals Forming
Lab Engineer	University of Washington
Manufacturing Engineer	
Commissioning Agent	Glumac
Mechanical Engineer	Puget Sound Naval Shipyard

## Enrolled in Educational Program

Program of study	Institution
Applied Materials Science	University of Washington
Mechanical Engineering	Johns Hopkins University
Mechanical Engineering	University of California Berkeley
	University of Washington
	University of Washington
Mechanical engineering	University of Washington
Mechanical Engineering	University of Washington
Master	UC Davis
Applied Physics	Caltech
	University of Washington