

## UW Alumni Survey Results 2017-2018 UNDERGRADUATE Degree Recipients

	Chemical Engineering		College Of Engineering		All Professional		UW Seattle	
<b>Graduates Surveyed</b>								
	N	%	N	%	N	%	N	%
Total	63	100%	822	100%	3049	100%	7712	100%
Women	22	35%	231	28%	1527	50%	4187	54%
Men	41	65%	591	72%	1522	50%	3525	46%
African American	0	0%	21	3%	124	4%	296	4%
American Indian	2	3%	7	1%	29	1%	80	1%
Asian American	18	29%	248	30%	867	28%	2169	28%
Caucasian	34	54%	357	43%	1435	47%	3419	44%
Hawaiian/Pacific Islander	0	0%	9	1%	31	1%	72	1%
Hispanic/Latino	0	0%	42	5%	192	6%	538	7%
Other/Not Indicated	9	14%	138	17%	371	12%	1138	15%
International	9	14%	138	17%	337	11%	1011	13%
<b>Survey Response Rates</b>								
	N	%	N	%	N	%	N	%
Total	16	25%	221	27%	851	28%	1936	25%
Women	4	25%	77	35%	464	55%	1133	59%
Men	12	75%	144	65%	387	45%	803	41%
African American	0	0%	5	2%	26	3%	69	4%
American Indian	0	0%	3	1%	10	1%	18	1%
Asian American	7	44%	79	36%	260	31%	548	28%
Caucasian	8	50%	92	42%	406	48%	948	49%
Hawaiian/Pacific Islander	0	0%	1	0%	10	1%	19	1%
Hispanic/Latino	0	0%	9	4%	56	7%	142	7%
Other/Not Indicated	1	6%	32	14%	83	10%	192	10%
International	1	6%	34	15%	74	9%	161	8%
<b>Current Status</b>								
	N	%	N	%	N	%	N	%
Employed for pay full time	12	75%	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	6%	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	1	6%	29	13%	99	12%	245	13%
Planning to continue education	1	6%	2	1%	21	2%	91	5%
Seeking employment	1	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	10	83%	138	88%	554	89%	1152	89%
Entrepreneur/self-employed	0	0%	1	1%	6	1%	12	1%
Temporary/contract work assignment	1	8%	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	8%	6	4%	21	3%	39	3%

**Career related**

	N	%	N	%	N	%	N	%
Yes	11	92%	147	95%	563	91%	1093	85%
No	1	8%	8	5%	56	9%	200	15%

**Job location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	6	50%	105	68%	472	77%	1004	78%
Other Washington	0	0%	7	5%	16	3%	42	3%
Alaska, Idaho, Oregon	0	0%	4	3%	14	2%	19	1%
California, Hawaii	2	17%	13	8%	38	6%	76	6%
Mountain states	3	25%	5	3%	7	1%	10	1%
Central states	0	0%	2	1%	16	3%	29	2%
Eastern states	1	8%	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	10	91%	128	88%	411	72%	818	68%
Non-profit/NGO	1	9%	3	2%	57	10%	138	12%
Government	0	0%	13	9%	95	17%	205	17%
Other	0	0%	1	1%	11	2%	35	3%

**Search time (weeks)**

	N							
	6		103		406		780	
Mean	18.5		13.3		9.5		9.1	
SD	19		13		9		9	
Range	0 52		0 52		0 52		0 52	

**Salary**

	N							
	10		116		446		870	
Mean	66,350		71,449		60,775		56,104	
SD	9,129		19,212		21,397		30,278	
Range	50,000 76,000		15,000 130,000		11,250 130,000		10,000 480,000	

**First year bonus**

	N							
	2		47		160		244	
Mean	3,000		8,140		8,484		10,845	
SD	2,828		10,288		9,393		14,183	
Range	1,000 5,000		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	1	100%	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	0	0%	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	0	0%	4	14%	10	10%	23	9%
Doctorate (PhD/EdD)	1	100%	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	0	0%	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	0	0%	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	1	100%	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	15	94%	180	87%	735	92%	1665	92%
No	1	6%	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	16	3.4	198	3.4	756	3.4	1692	3.3
Writing effectively	16	2.9	198	2.9	755	3.0	1690	3.0
Speaking effectively about ideas, projects, and plans	15	3.2	196	3.1	752	3.2	1687	3.1
Thinking critically and analytically, defining and solving problems	15	3.7	197	3.5	753	3.4	1690	3.4
Creating something new (for example, art, a performance, an object, ideas, or processes)	15	2.6	197	3.0	752	2.9	1687	2.8
Gathering information, conducting research	15	3.5	196	3.3	750	3.3	1686	3.3
Quantitative reasoning	15	3.8	195	3.3	751	3.2	1684	3.1
Understanding and valuing diverse people and cultures	15	2.7	195	2.9	750	3.1	1683	3.2
Working and learning independently	15	3.4	196	3.4	752	3.4	1687	3.4
Working and learning in a team	15	3.6	195	3.3	751	3.4	1685	3.2
Taking on leadership roles inside or outside of the classroom	15	2.5	195	2.8	751	2.9	1686	2.8
Understanding ethical practice(s) in at least one field	15	3.1	195	3.0	749	3.2	1683	3.1
Using self-reflection and self-assessment to guide next directions	15	2.7	194	2.9	748	3.0	1677	3.0
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	15	3.3	195	3.4	747	3.1	1678	2.9
Developing skills and attitudes that foster lifelong learning	15	3.4	194	3.2	749	3.2	1678	3.1
Developing career interests and habits for success in the workplace	15	2.9	195	3.0	749	3.1	1676	3.0
Understanding more about who you are	15	2.8	196	2.9	750	3.0	1680	3.1
Finding a direction you'd like to pursue	15	2.7	195	3.0	751	3.1	1680	3.0
Understanding and practicing civic engagement, social responsibility	15	2.7	195	2.7	751	2.9	1680	2.9

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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	15	3.3	180	3.5	698	3.4	1560	3.4
Writing effectively	15	3.4	180	3.2	697	3.3	1555	3.3
Speaking effectively about ideas, projects, and plans	15	3.6	179	3.6	691	3.6	1553	3.6
Thinking critically and analytically, defining and solving problems	15	3.8	179	3.8	691	3.7	1552	3.7
Creating something new (for example, art, a performance, an object, ideas, or processes)	15	2.8	179	3.2	693	3.0	1554	3.0
Gathering information, conducting research	15	3.4	179	3.3	689	3.2	1550	3.2
Quantitative reasoning	15	3.6	179	3.4	690	3.2	1550	3.1
Understanding and valuing diverse people and cultures	15	2.8	179	3.1	689	3.3	1551	3.3
Working and learning independently	15	3.7	179	3.5	689	3.6	1549	3.6
Working and learning in a team	15	3.7	179	3.6	691	3.6	1551	3.5
Taking on leadership roles inside or outside of the classroom	15	3.5	178	3.2	689	3.2	1552	3.2
Understanding ethical practice(s) in at least one field	15	3.3	179	3.1	689	3.2	1548	3.3
Using self-reflection and self-assessment to guide next directions	15	3.1	178	3.3	689	3.3	1548	3.3
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	15	3.2	179	3.5	690	3.3	1550	3.2
Developing skills and attitudes that foster lifelong learning	15	3.5	178	3.4	687	3.4	1548	3.4
Developing career interests and habits for success in the workplace	15	3.6	177	3.5	686	3.5	1546	3.5
Understanding more about who you are	15	3.2	178	3.2	687	3.3	1549	3.3
Finding a direction you'd like to pursue	15	3.4	175	3.3	682	3.4	1543	3.4
Understanding and practicing civic engagement, social responsibility	15	2.7	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	5	31%	53	29%	326	46%	730	46%
One	2	13%	53	29%	176	25%	442	28%
Two	5	31%	47	25%	124	18%	240	15%
Three or more	4	25%	32	17%	82	12%	169	11%

**Number of completed internships**

	N	%	N	%	N	%	N	%
None	6	38%	59	32%	231	33%	671	42%
One	5	31%	62	33%	215	30%	424	27%
Two	4	25%	43	23%	152	21%	290	18%
Three or more	1	6%	22	12%	111	16%	200	13%

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**Number of completed service-learning projects**

	N	%	N	%	N	%	N	%
None	12	75%	147	79%	386	55%	950	60%
One	2	13%	27	15%	163	23%	364	23%
Two	1	6%	7	4%	81	11%	141	9%
Three or more	1	6%	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)	7	2.6	90	2.7	258	2.8	548	2.9
Internship(s)	9	3.0	93	3.4	353	3.5	659	3.4
Service-learning project(s)	2	2.0	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	16	2.9	183	2.9	698	3.0	1560	2.9
The help you received from academic advisers before you were formally admitted to your major	16	2.6	184	2.3	698	2.4	1569	2.5
The help you received from academic advisers in your academic department	16	2.8	186	3.0	702	3.0	1576	3.0
The help you received from your outside-class interactions with faculty/Tas	16	2.7	186	3.1	701	3.0	1574	3.0
Your overall learning experience at the UW	16	3.2	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.	16	3.7	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.	16	3.6	187	3.5	704	3.5	1578	3.5
Classrooms, labs, and other campus spaces were accessible.	16	3.1	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.	16	3.0	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?	16	3.1	181	3.2	696	3.3	1560	3.3

### Current activity roster

#### Employed Full Time or Part time

Job title	Employing organization
Facilities Process Engineer	Intel Corporation
Engineer 1	Honeywell aerospace
Engineering Analyst	
Manufacturing Associate	Juno Therapeutics
Medical Informatician	HealthPals
Quality engineer	W.L Gore
Junior Process Engineer	NNE, INC
Quality engineer	
Software Engineer	
Staff Professional	Geosyntec Consultants, Inc.
Personal Assistant	Universal Life Church
Process Engineer 1	Crane Aerospace

#### Participating in a Volunteer or Service Program

Organization	Role or job title
AmeriCorps (United Way of King County)	Nutrition Specialist

#### Enrolled in Educational Program

Program of study	Institution
Chemical Engineering	University of Toronto