UW Alumni Survey Results
2018-2019 UNDERGRADUATE Degree Recipients

Graduates Surveyed

	Chemical Engineering		College Of Engineering		All Professional		UW Seattle	
	N	%	N	%	N	%	N	%
Total	64	100%	913	100%	3254	100%	8030	100%
Women	23	36%	269	29%	1686	52%	4346	54%
Men	41	64%	644	71%	1568	48%	3684	46%
African American	2	3%	39	4%	148	5%	325	4%
American Indian	0	0%	8	1%	39	1%	101	1%
Asian American	20	31%	269	29%	953	29%	2311	29%
Caucasian	29	45%	368	40%	1434	44%	3408	42%
Hawaiian/Pacific Islander	1	2%	11	1%	46	1%	98	1%
Hispanic/Latino	3	5%	45	5%	233	7%	579	7%
Other/Not Indicated	9	14%	173	19%	401	12%	1208	15%
International	10	16%	168	18%	367	11%	1105	14%

Survey Response Rates

	N	%	N	%	N	%	N	%
Total	16	25%	254	28%	829	25%	1959	24%
Women	5	31%	80	31%	446	54%	1130	58%
Men	11	69%	174	69%	383	46%	829	42%
African American	0	0%	10	4%	31	4%	67	3%
American Indian	0	0%	2	1%	10	1%	27	1%
Asian American	3	19%	77	30%	234	28%	579	30%
Caucasian	9	56%	114	45%	412	50%	927	47%
Hawaiian/Pacific Islander	0	0%	4	2%	12	1%	21	1%
Hispanic/Latino	0	0%	13	5%	51	6%	133	7%
Other/Not Indicated	4	25%	34	13%	79	10%	205	10%
International	4	25%	33	13%	66	8%	179	9%

Current Status

	N	%	N	%	N	%	N	%
Employed for pay full time	10	63%	160	63%	567	68%	1227	63%
Employed for pay part time	0	0%	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	2	13%	50	20%	112	14%	270	14%
Planning to continue education	1	6%	1	0%	11	1%	83	4%
Seeking employment	2	13%	20	8%	53	6%	124	6%
Not seeking employment or continuing education	0	0%	3	1%	7	1%	12	1%
Other	1	6%	8	3%	23	3%	61	3%

	Chemical Engineering		College 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	9	90%	151	93%	542	92%	1209	92%
Entrepreneur/self-employed	0	0%	1	1%	6	1%	10	1%
Temporary/contract work assignment	1	10%	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	10	100%	157	96%	538	91%	1130	86%
No	0	0%	7	4%	52	9%	189	14%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	3	30%	112	68%	421	72%	962	73%
Other Washington	0	0%	6	4%	21	4%	47	4%
Alaska, Idaho, Oregon	2	20%	7	4%	21	4%	31	2%
California, Hawaii	1	10%	12	7%	55	9%	118	9%
Mountain states	1	10%	4	2%	13	2%	18	1%
Central states	1	10%	8	5%	13	2%	30	2%
Eastern states	1	10%	13	8%	32	5%	64	5%
International	1	10%	2	1%	11	2%	39	3%

Type of employer

	N	%	N	%	N	%	N	%
For-profit company	8	80%	133	83%	399	70%	836	66%
Non-profit/NGO	0	0%	3	2%	69	12%	172	14%
Government	2	20%	22	14%	89	16%	221	17%
Other	0	0%	2	1%	13	2%	42	3%

Search time (weeks)

N		8		125		417		879
Mean		18.9		12.0		10.3		9.6
SD		15		11		10		9
Range	4	50	0	52	0	52	0	52

Salary

N		8		136		454		947
Mean		69,625		74,480		65,573		60,808
SD		10,127		16,685		29,355		34,547
Range	50,000	80,000	30,000	125,000	12,000	500,000	12,000	500,000

First year bonus

N		4		54		154		270
Mean		8,333		10,448		13,956		16,296
SD		4,667		10,133		18,773		21,081
Range	3,333	14,000	250	35,000	100	100,000	100	100,000

	Chemical Engineering		College 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%	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	1	50%	33	70%	71	66%	150	59%
Masters (MA/MS) – leading to doctorate	0	0%	8	17%	13	12%	15	6%
Doctorate (PhD/EdD)	1	50%	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	2	100%	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	0	0%	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	0	0%	4	9%	16	15%	58	23%
International	0	0%	0	0%	6	6%	22	9%

All Respondents

Authorized to permanently work in the U.S.

	Chemical Engineering N	Chemical Engineering %	College Of Engineering N	College Of Engineering %	All Professional N	All Professional %	UW Seattle N	UW Seattle %
Yes	13	81%	209	88%	712	92%	1665	91%
No	3	19%	28	12%	60	8%	158	9%

Amount UW academic program ADVANCED LEARNING

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

	Chemical Engineering N	Chemical Engineering Mean	College Of Engineering N	College Of Engineering Mean	All Professional N	All Professional Mean	UW Seattle N	UW Seattle Mean
Acquiring deep knowledge in at least one field of study	14	3.6	226	3.4	728	3.4	1701	3.3
Writing effectively	14	3.0	224	2.8	724	3.0	1692	3.0
Speaking effectively about ideas, projects, and plans	14	3.2	222	3.0	721	3.2	1690	3.1
Thinking critically and analytically, defining and solving problems	14	3.9	225	3.5	725	3.4	1694	3.4
Creating something new (for example, art, a performance, an object, ideas, or processes)	14	2.8	225	2.9	727	2.9	1697	2.8
Gathering information, conducting research	14	3.6	224	3.3	723	3.3	1691	3.3
Quantitative reasoning	14	3.6	224	3.3	721	3.2	1688	3.1
Understanding and valuing diverse people and cultures	14	2.8	222	2.9	719	3.2	1685	3.2
Working and learning independently	14	3.4	224	3.3	722	3.3	1688	3.4
Working and learning in a team	14	3.7	224	3.4	722	3.4	1691	3.2
Taking on leadership roles inside or outside of the classroom	14	2.9	223	2.9	719	3.0	1686	2.8
Understanding ethical practice(s) in at least one field	14	3.0	222	3.0	719	3.2	1680	3.0
Using self-reflection and self-assessment to guide next directions	14	3.0	224	2.8	719	2.9	1684	2.9
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	14	3.3	223	3.3	721	3.1	1686	2.9
Developing skills and attitudes that foster lifelong learning	14	3.1	222	3.0	721	3.1	1686	3.1
Developing career interests and habits for success in the workplace	14	3.0	224	3.0	722	3.1	1685	3.0
Understanding more about who you are	14	3.1	223	2.9	721	3.0	1682	3.0
Finding a direction you'd like to pursue	14	2.9	222	3.0	719	3.1	1683	3.0
Understanding and practicing civic engagement, social responsibility	14	2.4	224	2.5	721	2.8	1682	2.8

	Chemical Engineering		College 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 at least one field of study	10	3.0	203	3.4	657	3.5	1536	3.4
Writing effectively	10	3.5	201	3.3	653	3.3	1528	3.3
Speaking effectively about ideas, projects, and plans	10	3.8	202	3.6	650	3.7	1521	3.6
Thinking critically and analytically, defining and solving problems	10	3.7	203	3.8	653	3.7	1527	3.7
Creating something new (for example, art, a performance, an object, ideas, or processes)	10	3.0	202	3.3	650	3.2	1523	3.1
Gathering information, conducting research	10	3.3	203	3.4	654	3.3	1527	3.2
Quantitative reasoning	10	3.5	202	3.5	651	3.3	1525	3.2
Understanding and valuing diverse people and cultures	10	2.8	202	3.0	649	3.3	1522	3.4
Working and learning independently	10	3.6	202	3.4	651	3.5	1525	3.6
Working and learning in a team	10	3.8	202	3.6	653	3.7	1524	3.6
Taking on leadership roles inside or outside of the classroom	10	3.1	202	3.1	651	3.2	1524	3.2
Understanding ethical practice(s) in at least one field	10	3.3	203	3.2	651	3.3	1523	3.3
Using self-reflection and self-assessment to guide next directions	10	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	10	3.1	203	3.4	651	3.3	1523	3.2
Developing skills and attitudes that foster lifelong learning	10	3.4	202	3.3	653	3.5	1524	3.4
Developing career interests and habits for success in the workplace	10	3.5	202	3.4	652	3.5	1526	3.5
Understanding more about who you are	10	3.5	200	3.1	649	3.3	1522	3.3
Finding a direction you'd like to pursue	10	3.7	202	3.4	652	3.5	1525	3.4
Understanding and practicing civic engagement, social responsibility	10	3.2	203	2.9	653	3.1	1527	3.2

Number of completed faculty-mentored research projects

	N	%	N	%	N	%	N	%
None	1	9%	57	28%	273	41%	709	46%
One	6	55%	62	30%	177	26%	424	27%
Two	4	36%	56	27%	128	19%	244	16%
Three or more	0	0%	31	15%	94	14%	178	11%

Number of completed internships

	N	%	N	%	N	%	N	%
None	5	45%	61	30%	204	30%	632	41%
One	6	55%	79	38%	230	34%	483	31%
Two	0	0%	42	20%	151	22%	276	18%
Three or more	0	0%	24	12%	90	13%	169	11%

	Chemical Engineering		College Of Engineering		All Professional		UW Seattle	

Number of completed service-learning projects

	N	%	N	%	N	%	N	%
None	10	91%	162	79%	387	58%	961	62%
One	1	9%	27	13%	161	24%	364	23%
Two	0	0%	8	4%	75	11%	133	9%
Three or more	0	0%	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)	5	2.6	95	2.9	278	2.9	577	2.9
Internship(s)	4	3.8	105	3.4	354	3.4	674	3.4
Service-learning project(s)	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	10	2.3	202	2.8	668	3.0	1535	2.9
The help you received from academic advisers before you were formally admitted to your major	11	2.4	202	2.4	665	2.4	1544	2.4
The help you received from academic advisers in your academic department	11	3.3	205	3.0	670	3.1	1554	3.0
The help you received from your outside-class interactions with faculty/Tas	11	3.3	206	3.0	673	3.0	1557	3.0
Your overall learning experience at the UW	11	3.5	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.	11	3.5	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.	11	4.0	205	3.5	671	3.6	1554	3.5
Classrooms, labs, and other campus spaces were accessible.	11	3.8	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.	11	3.7	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?	11	3.4	202	3.2	659	3.3	1523	3.2

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Application Engineer	Engineered Process
Account Manager	Phigenics
Computer Engineer	NASA
Final Test Technician	Seabird Scientific
Engineer	
Process Engineer	Intel
Nuclear Engineer	Puget Sound Naval Shipyard
Process Engineer	Micron Technology
Electrical materials and processes engineer	Boeing

Enrolled in Educational Program

Program of study	Institution
Chemical Engineering	University of Washington
UW Molecular Engineering	University of Washington