UNIVERSITY of WASHINGTON
OFFICE OF EDUCATIONAL ASSESSMENT

UW Alumni Survey Results
2016-2017 UNDERGRADUATE Degree Recipients

	Chemical Engineering		College Of Engineering		All Professional		UW Seattle	

Graduates Surveyed

	N	%	N	%	N	%	N	%
Total	63	100%	801	100%	2878	100%	7485	100%
Women	21	33%	191	24%	1419	49%	4021	54%
Men	42	67%	610	76%	1459	51%	3464	46%
African American	1	2%	20	2%	77	3%	236	3%
American Indian	2	3%	11	1%	35	1%	97	1%
Asian American	20	32%	222	28%	828	29%	2075	28%
Caucasian	28	44%	347	43%	1340	47%	3301	44%
Hawaiian/Pacific Islander	1	2%	8	1%	34	1%	75	1%
Hispanic/Latino	2	3%	37	5%	187	6%	562	8%
Other/Not Indicated	9	14%	156	19%	377	13%	1139	15%
International	6	10%	144	18%	347	12%	1055	14%

Survey Response Rates

	N	%	N	%	N	%	N	%
Total	22	35%	236	29%	821	29%	2071	28%
Women	6	27%	76	32%	451	55%	1244	60%
Men	16	73%	160	68%	370	45%	827	40%
African American	0	0%	8	3%	24	3%	67	3%
American Indian	0	0%	5	2%	12	1%	32	2%
Asian American	8	36%	68	29%	235	29%	555	27%
Caucasian	11	50%	111	47%	399	49%	1014	49%
Hawaiian/Pacific Islander	0	0%	1	0%	9	1%	21	1%
Hispanic/Latino	1	5%	12	5%	57	7%	159	8%
Other/Not Indicated	2	9%	31	13%	85	10%	223	11%
International	1	5%	27	11%	73	9%	193	9%

Current Status

	N	%	N	%	N	%	N	%
Employed for pay full time	11	50%	161	68%	539	66%	1144	55%
Employed for pay part time	3	14%	12	5%	48	6%	193	9%
Participating in a volunteer or service program	0	0%	4	2%	25	3%	61	3%
Serving in the U.S. military	1	5%	2	1%	4	0%	13	1%
Enrolled in a program of continuing education	5	23%	35	15%	105	13%	280	14%
Planning to continue education	0	0%	2	1%	13	2%	94	5%
Seeking employment	2	9%	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	9	64%	145	87%	514	89%	1156	89%
Entrepreneur/self-employed	1	7%	2	1%	8	1%	15	1%
Temporary/contract work assignment	2	14%	12	7%	34	6%	89	7%
Freelance	0	0%	0	0%	3	1%	7	1%
Postgraduate internship or fellowship	2	14%	7	4%	10	2%	21	2%
Other	0	0%	1	1%	6	1%	11	1%

Career related

	N	%	N	%	N	%	N	%
Yes	13	93%	153	92%	523	91%	1083	83%
No	1	7%	14	8%	52	9%	217	17%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	7	50%	125	76%	451	79%	1016	79%
Other Washington	1	7%	7	4%	21	4%	52	4%
Alaska, Idaho, Oregon	4	29%	6	4%	17	3%	31	2%
California, Hawaii	0	0%	9	5%	27	5%	60	5%
Mountain states	0	0%	1	1%	7	1%	15	1%
Central states	1	7%	4	2%	10	2%	22	2%
Eastern states	1	7%	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	11	85%	143	88%	393	72%	823	67%
Non-profit/NGO	0	0%	2	1%	66	12%	162	13%
Government	1	8%	14	9%	69	13%	209	17%
Other	1	8%	4	2%	16	3%	37	3%

Search time (weeks)

N		7		117		394		799
Mean		8.4		11.3		9.6		9.1
SD		9		11		10		9
Range	0	25	0	52	0	52	0	52

Salary

N		6		125		430		890
Mean		65,650		66,234		59,000		52,734
SD		12,899		18,748		23,471		24,795
Range	41,600	78,300	25,000	130,000	10,000	250,000	10,000	250,000

First year bonus

N		1		38		121		196
Mean		3,000		11,425		10,779		11,057
SD				19,993		14,626		14,388
Range	3,000	3,000	500	100,000	400	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%	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	0	0%	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	1	100%	1	50%	2	50%	3	23%

Status

	N	%	N	%	N	%	N	%
Active duty	1	100%	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)	0	0%	1	3%	3	3%	8	3%
Masters (MA/MS) – terminal degree	4	80%	23	70%	64	63%	142	52%
Masters (MA/MS) – leading to doctorate	0	0%	2	6%	8	8%	25	9%
Doctorate (PhD/EdD)	1	20%	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	2	40%	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	0	0%	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	2	40%	11	32%	16	16%	59	22%
International	1	20%	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	20	95%	199	88%	724	92%	1802	91%
No	1	5%	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	19	3.7	214	3.5	753	3.4	1882	3.3
Writing effectively	19	3.3	214	2.9	751	2.9	1879	3.0
Speaking effectively about ideas, projects, and plans	19	3.3	213	3.0	749	3.1	1876	3.1
Thinking critically and analytically, defining and solving problems	19	3.6	213	3.5	748	3.4	1875	3.4
Creating something new (for example, art, a performance, an object, ideas, or processes)	19	3.0	213	3.0	749	2.9	1873	2.8
Gathering information, conducting research	19	3.8	214	3.3	749	3.3	1875	3.3
Quantitative reasoning	18	3.8	213	3.4	747	3.2	1874	3.1
Understanding and valuing diverse people and cultures	19	3.1	214	2.8	747	3.1	1868	3.2
Working and learning independently	19	3.6	214	3.4	747	3.3	1869	3.4
Working and learning in a team	19	3.6	214	3.4	748	3.4	1868	3.2
Taking on leadership roles inside or outside of the classroom	19	3.3	214	3.0	748	2.9	1873	2.8
Understanding ethical practice(s) in at least one field	19	3.2	214	2.9	748	3.1	1870	3.0
Using self-reflection and self-assessment to guide next directions	19	3.2	213	2.8	746	3.0	1866	2.9
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	19	3.7	214	3.4	747	3.1	1871	2.9
Developing skills and attitudes that foster lifelong learning	19	3.4	214	3.2	747	3.2	1869	3.2
Developing career interests and habits for success in the workplace	19	3.3	214	3.1	746	3.2	1868	3.0
Understanding more about who you are	19	3.4	214	2.9	747	3.0	1863	3.0
Finding a direction you'd like to pursue	19	3.2	214	3.1	745	3.1	1870	3.0
Understanding and practicing civic engagement, social responsibility	19	3.1	214	2.6	747	2.9	1871	2.8

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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	18	3.5	199	3.5	702	3.5	1766	3.4
Writing effectively	18	3.3	200	3.2	699	3.2	1759	3.3
Speaking effectively about ideas, projects, and plans	18	3.3	197	3.5	697	3.6	1754	3.5
Thinking critically and analytically, defining and solving problems	18	3.6	196	3.7	695	3.7	1753	3.6
Creating something new (for example, art, a performance, an object, ideas, or processes)	18	3.1	198	3.2	696	3.0	1754	3.0
Gathering information, conducting research	18	3.6	199	3.3	695	3.2	1749	3.2
Quantitative reasoning	18	3.2	199	3.4	698	3.2	1754	3.1
Understanding and valuing diverse people and cultures	18	2.9	198	2.8	697	3.2	1750	3.3
Working and learning independently	18	3.3	199	3.5	698	3.5	1753	3.6
Working and learning in a team	18	3.3	199	3.6	696	3.6	1752	3.6
Taking on leadership roles inside or outside of the classroom	18	2.9	198	3.1	695	3.2	1751	3.2
Understanding ethical practice(s) in at least one field	18	3.2	198	3.1	694	3.3	1747	3.3
Using self-reflection and self-assessment to guide next directions	18	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	18	3.7	198	3.5	694	3.4	1748	3.2
Developing skills and attitudes that foster lifelong learning	18	3.3	198	3.3	694	3.4	1747	3.4
Developing career interests and habits for success in the workplace	18	3.6	198	3.5	695	3.5	1745	3.5
Understanding more about who you are	18	3.4	198	3.1	695	3.2	1748	3.3
Finding a direction you'd like to pursue	18	3.6	199	3.4	695	3.4	1747	3.4
Understanding and practicing civic engagement, social responsibility	18	3.1	198	3.0	695	3.1	1749	3.1

Number of completed faculty-mentored research projects

	N	%	N	%	N	%	N	%
None	4	22%	58	28%	321	44%	817	45%
One	4	22%	55	26%	178	25%	510	28%
Two	7	39%	56	27%	129	18%	272	15%
Three or more	3	17%	39	19%	98	13%	206	11%

Number of completed internships

	N	%	N	%	N	%	N	%
None	7	39%	66	32%	257	35%	815	45%
One	9	50%	87	42%	246	34%	525	29%
Two	2	11%	39	19%	130	18%	279	15%
Three or more	0	0%	16	8%	95	13%	187	10%

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Number of completed service-learning projects

	N	%	N	%	N	%	N	%
None	15	83%	159	77%	410	57%	1112	62%
One	3	17%	35	17%	178	25%	396	22%
Two	0	0%	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)	6	3.2	102	2.9	259	2.9	592	2.8
Internship(s)	7	3.0	106	3.5	338	3.5	668	3.4
Service-learning project(s)	2	2.5	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	17	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	18	2.9	200	2.4	704	2.4	1770	2.4
The help you received from academic advisers in your academic department	18	3.4	201	3.0	712	3.0	1782	3.0
The help you received from your outside-class interactions with faculty/Tas	18	3.2	202	3.0	713	3.0	1781	2.9
Your overall learning experience at the UW	19	3.5	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.	19	3.7	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.	18	3.8	202	3.6	715	3.6	1784	3.5
Classrooms, labs, and other campus spaces were accessible.	19	3.8	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.	19	3.5	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?	18	3.5	207	3.3	718	3.3	1781	3.3

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Technical Assistant	Decafino, Inc
Chemical Lab Technician	BASF
Engineer	Tata Consultancy Services
Medical Scribe	
Research Assistant	University of Illinois Urbana Champaign
Data Analyst	Cascade Data Labs
Account Executive	LONG Building Technologies
District Engineer	Nalco Water
Operations	
Engineer	
Food Server	Boat Shed Restaurant
Associate Process Engineer	Micron Technology, Inc
Chemical technician	Valence Surface Technologies
Chemical Engineering Intern	Emissol

Serving in the US military

Rank	Specialty
O2	Instructor at Naval Nuclear Power School

Enrolled in Educational Program

Program of study	Institution
	Northeastern University Seattle
Chemical Engineering	Princeton University
Applied Bioengineering	UW
Technology Management; Material Science and Engineering	Northern Institute of Technology Management; Technical University Hamburg-Harburg
Chemical and Molecular Engineering	Johns Hopkins University