

UW Alumni Survey Results
2020-2021 UNDERGRADUATE Degree Recipients

	Chemical Engineering		College Of Engineering		All Professional		UW Seattle	
Graduates Surveyed								
	N	%	N	%	N	%	N	%
Total	63	100%	838	100%	3298	100%	8099	100%
Women	21	33%	228	27%	1726	52%	4509	56%
Men	42	67%	610	73%	1572	48%	3590	44%
African American	1	2%	21	3%	139	4%	337	4%
American Indian	0	0%	3	0%	30	1%	89	1%
Asian American	15	24%	235	28%	1039	32%	2430	30%
Caucasian	28	44%	349	42%	1278	39%	3127	39%
Hawaiian/Pacific Islander	3	5%	13	2%	46	1%	101	1%
Hispanic/Latino	4	6%	64	8%	300	9%	685	8%
Other/Not Indicated	12	19%	153	18%	466	14%	1330	16%
International	10	16%	139	17%	422	13%	1212	15%
Survey Response Rates								
	N	%	N	%	N	%	N	%
Total	11	17%	197	24%	812	25%	1872	23%
Women	1	9%	53	27%	437	54%	1087	58%
Men	10	91%	144	73%	375	46%	785	42%
African American	0	0%	4	2%	22	3%	62	3%
American Indian	0	0%	1	1%	4	0%	21	1%
Asian American	3	27%	67	34%	261	32%	564	30%
Caucasian	5	45%	84	43%	333	41%	787	42%
Hawaiian/Pacific Islander	1	9%	4	2%	10	1%	22	1%
Hispanic/Latino	0	0%	12	6%	80	10%	170	9%
Other/Not Indicated	2	18%	25	13%	102	13%	246	13%
International	2	18%	23	12%	91	11%	221	12%
Current Status								
	N	%	N	%	N	%	N	%
Employed for pay full time	4	36%	133	68%	548	67%	1089	58%
Employed for pay part time	1	9%	2	1%	36	4%	138	7%
Participating in a volunteer or service program	0	0%	0	0%	15	2%	22	1%
Serving in the U.S. military	0	0%	1	1%	4	0%	9	0%
Enrolled in a certificate or degree program	5	45%	40	20%	122	15%	327	17%
Planning to continue education	0	0%	3	2%	17	2%	82	4%
Seeking employment	1	9%	13	7%	57	7%	163	9%
A fellowship	0	0%	0	0%	0	0%	6	0%
Not seeking employment or continuing education	0	0%	5	3%	13	2%	36	2%

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Employed Full Time or Part time**Type of employment**

	N	%	N	%	N	%	N	%
Employee working for a company or organization	4	80%	127	96%	528	94%	1071	91%
Entrepreneur/self-employed	0	0%	0	0%	4	1%	18	2%
Temporary/contract work assignment	1	20%	5	4%	23	4%	55	5%
Freelance	0	0%	0	0%	0	0%	8	1%
Postgraduate internship or fellowship	0	0%	0	0%	5	1%	13	1%
Other	0	0%	0	0%	3	1%	8	1%

Career related

	N	%	N	%	N	%	N	%
Yes	5	100%	129	98%	516	91%	1015	87%
No	0	0%	3	2%	48	9%	158	13%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	4	80%	73	57%	366	67%	766	67%
Other Washington	1	20%	8	6%	29	5%	53	5%
Alaska, Idaho, Oregon	0	0%	3	2%	11	2%	24	2%
California, Hawaii	0	0%	12	9%	45	8%	79	7%
Mountain states	0	0%	4	3%	10	2%	18	2%
Central states	0	0%	8	6%	20	4%	42	4%
Eastern states	0	0%	12	9%	33	6%	72	6%
International	0	0%	7	6%	33	6%	87	8%

Type of employer

	N	%	N	%	N	%	N	%
For-profit company	4	80%	112	87%	387	72%	753	69%
Non-profit/NGO	0	0%	2	2%	52	10%	114	10%
Government	0	0%	14	11%	81	15%	189	17%
Other	1	20%	1	1%	16	3%	37	3%

Search time (weeks)

	N	3	107	412	770
Mean	25.0	12.7	10.8	10.1	
SD	24	13	11	10	
Range	7 52	0 52	0 54	0 54	

Salary

	N	4	110	434	815
Mean	73,250	80,158	69,232	64,560	
SD	6,994	17,463	30,764	34,682	
Range	64,000 80,000	28,000 128,000	11,000 500,000	10,000 500,000	

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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%	7	50%	11	52%
Other Washington	0	0%	0	0%	1	7%	2	10%
Alaska, Idaho, Oregon	0	0%	0	0%	1	7%	1	5%
California, Hawaii	0	0%	0	0%	3	21%	4	19%
Mountain states	0	0%	0	0%	0	0%	0	0%
Central states	0	0%	0	0%	0	0%	1	5%
Eastern states	0	0%	0	0%	0	0%	0	0%
International	0	0%	0	0%	2	14%	2	10%

Serving in the US Military**Service branch**

	N	%	N	%	N	%	N	%
Air Force	0	0%	1	100%	1	25%	5	56%
Army	0	0%	0	0%	2	50%	3	33%
Coast Guard	0	0%	0	0%	0	0%	0	0%
Marine Corps	0	0%	0	0%	0	0%	0	0%
Navy	0	0%	0	0%	1	25%	1	11%

Status

	N	%	N	%	N	%	N	%
Active duty	0	0%	1	100%	4	100%	8	89%
Reserve	0	0%	0	0%	0	0%	1	11%
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%	7	2%
Advanced Certificate	0	0%	0	0%	0	0%	0	0%
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	2	40%	30	75%	90	76%	193	61%
Masters (MA/MS) – leading to doctorate	0	0%	1	3%	9	8%	36	11%
Doctorate (PhD/EdD)	3	60%	6	15%	8	7%	34	11%
Professional (JD, MD, DDS, PharmD)	0	0%	2	5%	6	5%	36	11%
Non-Degree Seeking	0	0%	1	3%	1	1%	1	0%
Other	0	0%	0	0%	1	1%	5	2%

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School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	1	20%	26	65%	59	52%	134	44%
Other Washington	0	0%	0	0%	1	1%	8	3%
Alaska, Idaho, Oregon	0	0%	0	0%	2	2%	6	2%
California, Hawaii	1	20%	5	13%	8	7%	24	8%
Mountain states	0	0%	0	0%	1	1%	11	4%
Central states	1	20%	1	3%	3	3%	18	6%
Eastern states	2	40%	8	20%	34	30%	79	26%
International	0	0%	0	0%	5	4%	25	8%

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

	N	%	N	%	N	%	N	%
Yes	9	82%	169	89%	689	90%	1558	89%
No	2	18%	21	11%	75	10%	183	11%

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	10	3.4	178	3.2	718	3.2	1642	3.2
Writing effectively	10	3.0	178	2.7	716	2.9	1635	3.0
Speaking effectively about ideas, projects, and plans	9	3.0	176	2.9	710	3.2	1631	3.0
Thinking critically and analytically, defining and solving problems	9	3.7	177	3.4	713	3.4	1634	3.3
Creating something new (for example, art, a performance, an object, ideas, or processes)	9	3.1	177	2.7	714	2.8	1635	2.7
Gathering information, conducting research	9	3.7	176	3.1	710	3.2	1631	3.2
Quantitative reasoning	9	3.7	175	3.3	711	3.1	1631	3.0
Understanding and valuing diverse people and cultures	9	2.7	177	2.7	714	3.1	1629	3.1
Working and learning independently	9	3.4	177	3.3	712	3.3	1632	3.3
Working and learning in a team	9	3.4	176	3.2	711	3.4	1629	3.1
Taking on leadership roles inside or outside of the classroom	9	2.7	177	2.8	710	3.0	1630	2.7
Understanding ethical practice(s) in at least one field	9	3.1	176	2.9	706	3.1	1623	3.0
Using self-reflection and self-assessment to guide next directions	9	2.6	177	2.6	707	3.0	1620	2.9
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	9	3.1	177	3.1	707	3.0	1620	2.8
Developing skills and attitudes that foster lifelong learning	9	3.2	177	2.9	707	3.1	1619	3.1
Developing career interests and habits for success in the workplace	9	3.2	177	2.9	706	3.1	1614	3.0
Understanding more about who you are	9	3.0	175	2.7	705	3.0	1617	3.0
Finding a direction you'd like to pursue	9	3.1	176	2.9	702	3.0	1617	2.9
Understanding and practicing civic engagement, social responsibility	9	2.8	177	2.5	705	2.8	1616	2.8

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IMPORTANCE to current work and life	N	Mean	N	Mean	N	Mean	N	Mean
Acquiring deep knowledge in at least one field of study	8	3.6	164	3.4	653	3.4	1481	3.3
Writing effectively	8	3.5	160	3.3	648	3.3	1471	3.2
Speaking effectively about ideas, projects, and plans	8	3.4	161	3.7	649	3.6	1472	3.5
Thinking critically and analytically, defining and solving problems	8	3.5	160	3.8	645	3.7	1466	3.6
Creating something new (for example, art, a performance, an object, ideas, or processes)	7	3.3	160	3.1	645	3.0	1464	3.0
Gathering information, conducting research	7	3.7	158	3.4	643	3.2	1464	3.2
Quantitative reasoning	7	3.9	159	3.5	642	3.2	1463	3.1
Understanding and valuing diverse people and cultures	7	3.0	159	3.0	642	3.2	1461	3.3
Working and learning independently	7	3.7	159	3.5	637	3.5	1459	3.5
Working and learning in a team	7	3.7	159	3.6	638	3.6	1457	3.5
Taking on leadership roles inside or outside of the classroom	7	3.0	159	3.0	639	3.2	1460	3.1
Understanding ethical practice(s) in at least one field	7	3.4	159	3.0	640	3.2	1462	3.3
Using self-reflection and self-assessment to guide next directions	7	3.4	159	3.2	639	3.3	1460	3.3
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	7	3.6	159	3.5	640	3.3	1460	3.1
Developing skills and attitudes that foster lifelong learning	7	3.3	159	3.4	638	3.4	1460	3.4
Developing career interests and habits for success in the workplace	7	3.4	160	3.5	641	3.4	1459	3.4
Understanding more about who you are	7	3.1	160	3.1	640	3.2	1458	3.2
Finding a direction you'd like to pursue	7	3.3	160	3.3	641	3.4	1460	3.4
Understanding and practicing civic engagement, social responsibility	7	3.1	158	2.9	640	3.1	1461	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	38%	57	35%	299	45%	775	51%
One	2	25%	52	32%	187	28%	420	28%
Two	3	38%	26	16%	93	14%	180	12%
Three or more	0	0%	27	17%	84	13%	138	9%

Number of completed internships

	N	%	N	%	N	%	N	%
None	5	63%	54	33%	232	35%	718	47%
One	2	25%	61	38%	219	33%	426	28%
Two	1	13%	30	19%	123	18%	230	15%
Three or more	0	0%	17	10%	92	14%	148	10%

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Number of completed service-learning projects

	N	%	N	%	N	%	N	%
None	6	75%	128	80%	419	64%	1049	69%
One	2	25%	23	14%	145	22%	304	20%
Two	0	0%	5	3%	58	9%	98	6%
Three or more	0	0%	4	3%	37	6%	60	4%

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)	2	1.5	67	2.9	247	2.9	449	2.9
Internship(s)	2	2.0	78	3.4	332	3.4	563	3.3
Service-learning project(s)	1	2.0	21	2.3	156	2.7	279	2.6

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	8	2.9	157	2.9	654	2.9	1483	2.7
The help you received from academic advisers before you were formally admitted to your major	8	2.9	158	2.4	652	2.5	1492	2.4
The help you received from academic advisers in your academic department	8	3.4	160	3.1	655	3.1	1502	3.0
The help you received from your outside-class interactions with faculty/Tas	8	3.4	161	3.1	655	3.0	1497	3.0
Your overall learning experience at the UW	8	3.4	160	2.9	655	3.0	1491	3.0

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.	8	3.9	160	3.6	650	3.5	1493	3.5
Students in my program treated each other respectfully - regardless of race, gender, ethnicity, sexuality, or country of origin.	8	3.9	160	3.6	653	3.5	1499	3.5
Classrooms, labs, and other campus spaces were accessible.	8	3.4	160	3.2	650	3.2	1493	3.1
If I had to make my college choice over again, I would choose to attend UW.	8	3.9	159	3.3	655	3.3	1503	3.2

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?	8	3.4	158	3.1	645	3.2	1470	3.1

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Manufacturing Associate	Bristol Myers Squibb
Battery Test Engineer	BattGenie
Design Engineer	
Process Engineer	Packaging Corporation of America
Design/Analysis Engineer	Boeing

Enrolled in Educational Program

Program of study	Institution
	Johns Hopkins
	University of Pennsylvania
	University of Minnesota
	University of Washington
Chemical Engineering	UCIrvine