

## UW Alumni Survey Results 2020-2021 MASTERS Degree Recipients

	Chemical Engineering		College Of Engineering		All Professional		UW Seattle	
<b>Graduates Surveyed</b>								
	N	%	N	%	N	%	N	%
Total	30	100%	865	100%	3685	100%	4305	100%
Women	10	33%	290	34%	2044	55%	2398	56%
Men	20	67%	575	66%	1641	45%	1907	44%
African American	2	7%	23	3%	143	4%	162	4%
American Indian	0	0%	5	1%	46	1%	49	1%
Asian American	2	7%	143	17%	610	17%	680	16%
Caucasian	7	23%	294	34%	1682	46%	1942	45%
Hawaiian/Pacific Islander	0	0%	1	0%	23	1%	28	1%
Hispanic/Latino	1	3%	39	5%	245	7%	302	7%
Other/Not Indicated	18	60%	360	42%	936	25%	1142	27%
International	17	57%	342	40%	853	23%	1042	24%
<b>Survey Response Rates</b>								
	N	%	N	%	N	%	N	%
Total	10	33%	218	25%	1027	28%	1174	27%
Women	4	40%	76	35%	583	57%	671	57%
Men	6	60%	142	65%	444	43%	503	43%
African American	0	0%	6	3%	31	3%	37	3%
American Indian	0	0%	2	1%	13	1%	16	1%
Asian American	2	20%	31	14%	158	15%	171	15%
Caucasian	1	10%	79	36%	504	49%	572	49%
Hawaiian/Pacific Islander	0	0%	0	0%	7	1%	8	1%
Hispanic/Latino	1	10%	9	4%	68	7%	81	7%
Other/Not Indicated	6	60%	91	42%	246	24%	289	25%
International	5	50%	85	39%	224	22%	264	22%
<b>Current Status</b>								
	N	%	N	%	N	%	N	%
Employed for pay full time	2	20%	168	77%	813	79%	901	77%
Employed for pay part time	0	0%	7	3%	40	4%	47	4%
Participating in a volunteer or service program	1	10%	2	1%	4	0%	4	0%
Serving in the U.S. military	0	0%	3	1%	7	1%	8	1%
Enrolled in a certificate or degree program	4	40%	23	11%	58	6%	88	7%
Planning to continue education	0	0%	0	0%	2	0%	5	0%
Seeking employment	2	20%	11	5%	69	7%	79	7%
A fellowship	0	0%	2	1%	15	1%	18	2%
Not seeking employment or continuing education	1	10%	2	1%	19	2%	24	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	2	100%	162	96%	775	93%	849	92%
Entrepreneur/self-employed	0	0%	1	1%	5	1%	9	1%
Temporary/contract work assignment	0	0%	4	2%	23	3%	28	3%
Freelance	0	0%	0	0%	0	0%	0	0%
Postgraduate internship or fellowship	0	0%	0	0%	8	1%	10	1%
Faculty tenure track position	0	0%	0	0%	4	0%	4	0%
Faculty non-tenure track position	0	0%	1	1%	9	1%	12	1%
Other	0	0%	1	1%	7	1%	11	1%

**Career related**

	N	%	N	%	N	%	N	%
Yes	2	100%	161	96%	793	96%	878	96%
No	0	0%	6	4%	33	4%	40	4%

**Job location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	2	100%	99	61%	532	66%	589	66%
Other Washington	0	0%	3	2%	31	4%	34	4%
Alaska, Idaho, Oregon	0	0%	3	2%	16	2%	18	2%
California, Hawaii	0	0%	23	14%	69	9%	77	9%
Mountain states	0	0%	6	4%	21	3%	24	3%
Central states	0	0%	8	5%	28	3%	30	3%
Eastern states	0	0%	4	2%	48	6%	56	6%
International	0	0%	16	10%	57	7%	63	7%

**Type of employer**

	N	%	N	%	N	%	N	%
For-profit company	0	0%	137	83%	477	59%	527	59%
Non-profit/NGO	0	0%	3	2%	94	12%	108	12%
Government	2	100%	23	14%	199	25%	214	24%
Other	0	0%	2	1%	35	4%	39	4%

**Salary**

	N		N		N		N	
	1		129		661		724	
Mean	34,000		103,889		96,305		95,246	
SD			37,294		53,960		52,455	
Range	34,000	34,000	28,048	250,000	10,000	600,000	10,000	600,000

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**Participating in a Volunteer or Service Program****Program location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	1	100%	2	100%	3	75%	3	75%
Other Washington	0	0%	0	0%	0	0%	0	0%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	0	0%
California, Hawaii	0	0%	0	0%	0	0%	0	0%
Mountain states	0	0%	0	0%	0	0%	0	0%
Central states	0	0%	0	0%	0	0%	0	0%
Eastern states	0	0%	0	0%	0	0%	0	0%
International	0	0%	0	0%	1	25%	1	25%

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

	N	%	N	%	N	%	N	%
Air Force	0	0%	2	67%	2	29%	2	25%
Army	0	0%	0	0%	3	43%	4	50%
Coast Guard	0	0%	0	0%	0	0%	0	0%
Marine Corps	0	0%	0	0%	0	0%	0	0%
Navy	0	0%	1	33%	2	29%	2	25%

**Status**

	N	%	N	%	N	%	N	%
Active duty	0	0%	3	100%	6	86%	7	88%
Reserve	0	0%	0	0%	0	0%	0	0%
National Guard	0	0%	0	0%	1	14%	1	13%

**Enrolled in Educational Program****Degree program**

	N	%	N	%	N	%	N	%
Certificate	0	0%	0	0%	0	0%	2	2%
Advanced Certificate	0	0%	0	0%	0	0%	1	1%
Associate (AA/AS)	0	0%	0	0%	0	0%	0	0%
Bachelor (BA/BS)	0	0%	0	0%	0	0%	0	0%
Masters (MA/MS) – terminal degree	0	0%	1	5%	5	9%	5	6%
Masters (MA/MS) – leading to doctorate	0	0%	1	5%	1	2%	1	1%
Doctorate (PhD/EdD)	4	100%	19	90%	45	82%	71	85%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	3	5%	3	4%
Non-Degree Seeking	0	0%	0	0%	0	0%	0	0%
Postdoctoral Studies	0	0%	0	0%	0	0%	0	0%
Other	0	0%	0	0%	1	2%	1	1%

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**School location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	2	50%	14	70%	34	63%	52	64%
Other Washington	0	0%	0	0%	0	0%	0	0%
Alaska, Idaho, Oregon	0	0%	1	5%	1	2%	1	1%
California, Hawaii	0	0%	0	0%	2	4%	5	6%
Mountain states	0	0%	1	5%	3	6%	3	4%
Central states	0	0%	0	0%	1	2%	1	1%
Eastern states	2	50%	3	15%	7	13%	9	11%
International	0	0%	1	5%	6	11%	10	12%

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

	N	%	N	%	N	%	N	%
Yes	4	44%	136	67%	797	82%	908	82%
No	5	56%	66	33%	176	18%	204	18%

**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 your chosen field of study	9	3.0	191	3.4	930	3.3	1058	3.3
Writing effectively	9	3.1	189	2.9	924	3.0	1052	3.0
Speaking effectively about ideas, projects, and plans	9	2.8	188	2.9	922	3.0	1050	3.0
Critically analyzing the research, technical literature, and/or performance in your field	9	3.3	189	3.3	923	3.2	1051	3.2
Identifying important questions in your field	9	3.0	189	3.2	923	3.3	1051	3.3
Identifying and using the best methods for answering specific questions in your field	9	2.8	189	3.3	922	3.1	1050	3.2
Knowing how to generate original/creative ideas, solutions, and research directions	9	2.8	189	3.0	923	3.0	1050	3.0
Knowing how to put research ideas into practice in your field	9	3.2	188	3.1	920	2.9	1047	2.9
Understanding ethics and ethical practice in your field	9	2.6	189	2.9	920	3.1	1048	3.1
Understanding, evaluating, and using the quantitative methods relevant to your field	8	3.1	187	3.2	920	3.0	1048	3.0
Mastering specialized instruments, computer programs, or materials important to your field	9	3.4	189	3.1	921	2.7	1049	2.7
Learning independently	9	3.3	185	3.4	916	3.2	1044	3.2
Working collaboratively with others within your field	9	2.7	188	3.2	919	3.3	1046	3.2
Working collaboratively with interdisciplinary groups	9	2.7	186	2.9	917	3.0	1045	3.0
Understanding and valuing diverse people and cultures	9	3.0	187	3.1	919	3.2	1045	3.2
Using self-reflection and self-assessment to guide next directions	9	2.9	187	2.9	921	3.1	1049	3.1

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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 your chosen field of study	8	3.8	178	3.5	872	3.5	994	3.5
Writing effectively	8	3.6	173	3.2	863	3.3	985	3.3
Speaking effectively about ideas, projects, and plans	8	3.8	172	3.5	862	3.5	982	3.5
Critically analyzing the research, technical literature, and/or performance in your field	8	3.6	171	3.3	862	3.2	982	3.3
Identifying important questions in your field	8	3.3	172	3.3	862	3.4	983	3.4
Identifying and using the best methods for answering specific questions in your field	8	3.3	172	3.5	860	3.5	979	3.4
Knowing how to generate original/creative ideas, solutions, and research directions	8	3.4	173	3.4	861	3.4	982	3.4
Knowing how to put research ideas into practice in your field	8	3.6	173	3.2	861	3.2	982	3.2
Understanding ethics and ethical practice in your field	8	2.4	171	3.2	861	3.4	982	3.4
Understanding, evaluating, and using the quantitative methods relevant to your field	8	3.3	173	3.4	863	3.2	982	3.2
Mastering specialized instruments, computer programs, or materials important to your field	8	3.0	172	3.3	865	3.1	986	3.2
Learning independently	8	3.4	171	3.5	857	3.4	978	3.4
Working collaboratively with others within your field	8	3.5	172	3.6	861	3.6	981	3.6
Working collaboratively with interdisciplinary groups	8	3.3	173	3.5	862	3.5	983	3.5
Understanding and valuing diverse people and cultures	8	2.6	172	3.3	864	3.5	985	3.5
Using self-reflection and self-assessment to guide next directions	8	3.0	172	3.3	863	3.4	984	3.4

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**Overall UW experience**

1=Poor; 2=Fair; 3=Good; 4=Excellent

	N	Mean	N	Mean	N	Mean	N	Mean
The help you received from your graduate thesis (MA/MS graduates) or dissertation (PhD graduates) committee members	8	2.9	170	3.0	830	3.0	943	3.0
The help you received from graduate student colleagues	8	2.6	180	3.2	883	3.2	1003	3.2
The help you received navigating the job market	8	1.8	175	2.4	871	2.4	988	2.4
Your overall learning experience at the UW	8	2.9	183	3.3	874	3.2	993	3.2

1=Strongly Disagree; 2=Disagree; 3=Agree; 4=Strongly Agree

	N	Mean	N	Mean	N	Mean	N	Mean
Faculty treated students respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	8	3.5	182	3.7	886	3.6	1006	3.6
Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	8	2.8	182	3.7	889	3.6	1011	3.6
Classrooms, labs, and other campus spaces were accessible.	8	3.0	179	3.3	873	3.1	994	3.1
If I had to make my college choice over again, I would choose to attend UW.	8	3.1	182	3.5	891	3.4	1013	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?	8	2.9	180	3.3	870	3.3	989	3.2

### Current activity roster

#### Employed Full Time or Part time

Job title	Employing organization
Graduate Research Assistant	University of Washington
Data Analytics	Department of Transportation

#### Participating in a Volunteer or Service Program

Organization	Role or job title
University of Washington	Product Development Engineer

#### Enrolled in Educational Program

Program of study	Institution
Chemical Engineering	University of Washington
ChemE	Cornell University
Chemical Engineering	University of Washington
	New York University