

UW Alumni Survey Results

2021-2022 MASTERS Degree Recipients

 Chemical
Engineering

 College Of
Engineering

All Professional

UW Seattle

Graduates Surveyed

	N	%	N	%	N	%	N	%
Total	43	100%	831	100%	3947	100%	4562	100%
Women	14	33%	288	35%	2242	57%	2566	56%
Men	29	67%	543	65%	1705	43%	1996	44%
African American	0	0%	22	3%	175	4%	208	5%
American Indian	0	0%	3	0%	39	1%	47	1%
Asian American	1	2%	167	20%	740	19%	820	18%
Caucasian	15	35%	309	37%	1827	46%	2083	46%
Hawaiian/Pacific Islander	0	0%	7	1%	28	1%	32	1%
Hispanic/Latino	2	5%	46	6%	280	7%	326	7%
Other/Not Indicated	25	58%	277	33%	858	22%	1046	23%
International	24	56%	255	31%	765	19%	942	21%

Survey Response Rates

	N	%	N	%	N	%	N	%
Total	15	35%	196	24%	1028	26%	1156	25%
Women	3	20%	78	40%	607	59%	691	60%
Men	12	80%	118	60%	421	41%	465	40%
African American	0	0%	2	1%	43	4%	53	5%
American Indian	0	0%	0	0%	11	1%	14	1%
Asian American	1	7%	44	22%	201	20%	216	19%
Caucasian	5	33%	80	41%	526	51%	580	50%
Hawaiian/Pacific Islander	0	0%	2	1%	6	1%	8	1%
Hispanic/Latino	0	0%	8	4%	59	6%	70	6%
Other/Not Indicated	9	60%	60	31%	182	18%	215	19%
International	9	60%	55	28%	163	16%	195	17%

Current Status

	N	%	N	%	N	%	N	%
Employed for pay full time	7	47%	144	73%	818	80%	891	77%
Employed for pay part time	0	0%	1	1%	43	4%	47	4%
Participating in a volunteer or service program	0	0%	1	1%	4	0%	5	0%
Serving in the U.S. military	1	7%	4	2%	6	1%	7	1%
Enrolled in a certificate or degree program	6	40%	28	14%	67	7%	95	8%
Planning to continue education	0	0%	1	1%	4	0%	4	0%
Seeking employment	1	7%	12	6%	62	6%	76	7%
A fellowship	0	0%	2	1%	15	1%	19	2%
Not seeking employment or continuing education	0	0%	3	2%	9	1%	12	1%

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

	N	%	N	%	N	%	N	%
Employee working for a company or organization	7	100%	131	95%	789	95%	855	94%
Entrepreneur/self-employed	0	0%	2	1%	8	1%	9	1%
Temporary/contract work assignment	0	0%	2	1%	20	2%	21	2%
Freelance	0	0%	0	0%	1	0%	1	0%
Postgraduate internship or fellowship	0	0%	1	1%	3	0%	4	0%
Faculty tenure track position	0	0%	0	0%	0	0%	0	0%
Faculty non-tenure track position	0	0%	0	0%	5	1%	10	1%
Other	0	0%	2	1%	8	1%	9	1%

Career related

	N	%	N	%	N	%	N	%
Yes	7	100%	136	99%	806	96%	877	96%
No	0	0%	2	1%	31	4%	35	4%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	2	29%	79	58%	577	70%	619	69%
Other Washington	0	0%	3	2%	33	4%	35	4%
Alaska, Idaho, Oregon	1	14%	9	7%	25	3%	27	3%
California, Hawaii	2	29%	18	13%	61	7%	68	8%
Mountain states	0	0%	2	1%	23	3%	27	3%
Central states	0	0%	4	3%	19	2%	21	2%
Eastern states	1	14%	15	11%	59	7%	67	7%
International	1	14%	6	4%	33	4%	38	4%

Type of employer

	N	%	N	%	N	%	N	%
For-profit company	7	100%	103	80%	450	56%	485	56%
Non-profit/NGO	0	0%	4	3%	113	14%	123	14%
Government	0	0%	17	13%	218	27%	238	28%
Other	0	0%	5	4%	17	2%	19	2%

Search time (weeks)

	N					
	7	67	482	528		
Mean	19.3	10.5	11.0	11.0		
SD	11	10	9	10		
Range	5 30	0 52	0 52	0 54		

Salary

	N					
	6	122	695	749		
Mean	92,667	111,171	102,256	101,925		
SD	27,983	41,576	57,955	60,824		
Range	60,000 135,000	35,000 350,000	16,110 900,000	16,110 900,000		

First year bonus

	N					
	3	44	210	221		
Mean	22,867	18,388	21,123	21,477		
SD	24,180	13,829	20,324	20,652		
Range	3,600 50,000	2,000 50,000	300 105,000	300 105,000		

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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%	2	67%	2	50%
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%	1	33%	1	25%
International	0	0%	0	0%	0	0%	1	25%

Serving in the US Military**Service branch**

	N	%	N	%	N	%	N	%
Air Force	0	0%	1	25%	1	17%	1	14%
Army	0	0%	0	0%	1	17%	2	29%
Coast Guard	1	100%	2	50%	2	33%	2	29%
Marine Corps	0	0%	0	0%	0	0%	0	0%
Navy	0	0%	1	25%	2	33%	2	29%

Status

	N	%	N	%	N	%	N	%
Active duty	1	100%	4	100%	6	100%	7	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%	0	0%	1	1%
Advanced Certificate	0	0%	0	0%	0	0%	0	0%
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	1	17%	1	4%	4	7%	5	6%
Masters (MA/MS) – leading to doctorate	0	0%	0	0%	1	2%	2	2%
Doctorate (PhD/EdD)	5	83%	25	96%	49	80%	72	83%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	7	11%	7	8%
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%	0	0%	0	0%

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School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	5	100%	21	91%	48	86%	69	86%
Other Washington	0	0%	0	0%	1	2%	1	1%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	0	0%
California, Hawaii	0	0%	0	0%	3	5%	3	4%
Mountain states	0	0%	0	0%	1	2%	1	1%
Central states	0	0%	0	0%	0	0%	0	0%
Eastern states	0	0%	2	9%	3	5%	6	8%
International	0	0%	0	0%	0	0%	0	0%

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

	N	%	N	%	N	%	N	%
Yes	9	60%	144	80%	845	87%	940	87%
No	6	40%	35	20%	122	13%	145	13%

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	14	3.3	167	3.3	928	3.3	1043	3.3
Writing effectively	14	2.8	167	2.8	923	3.0	1038	3.0
Speaking effectively about ideas, projects, and plans	14	2.8	167	2.8	921	3.0	1036	3.0
Critically analyzing the research, technical literature, and/or performance in your field	14	3.6	167	3.3	922	3.3	1033	3.3
Identifying important questions in your field	14	3.6	166	3.2	922	3.3	1036	3.3
Identifying and using the best methods for answering specific questions in your field	14	3.3	166	3.2	920	3.2	1030	3.2
Knowing how to generate original/creative ideas, solutions, and research directions	14	3.4	166	3.1	921	3.1	1034	3.1
Knowing how to put research ideas into practice in your field	14	3.4	165	3.0	916	3.0	1030	3.0
Understanding ethics and ethical practice in your field	14	3.0	166	2.8	918	3.2	1032	3.2
Understanding, evaluating, and using the quantitative methods relevant to your field	14	3.4	165	3.2	915	3.1	1028	3.1
Mastering specialized instruments, computer programs, or materials important to your field	14	3.5	164	3.0	918	2.7	1032	2.7
Learning independently	14	3.6	163	3.3	913	3.2	1027	3.2
Working collaboratively with others within your field	13	3.4	162	3.2	915	3.4	1028	3.3
Working collaboratively with interdisciplinary groups	14	2.9	164	2.8	918	3.1	1032	3.0
Understanding and valuing diverse people and cultures	14	2.9	163	3.0	917	3.3	1031	3.3
Using self-reflection and self-assessment to guide next directions	14	2.9	164	2.9	920	3.1	1034	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	12	3.3	157	3.4	872	3.5	975	3.5
Writing effectively	12	3.1	156	3.2	869	3.4	971	3.4
Speaking effectively about ideas, projects, and plans	12	3.2	156	3.5	866	3.6	967	3.6
Critically analyzing the research, technical literature, and/or performance in your field	12	3.3	157	3.2	863	3.2	964	3.3
Identifying important questions in your field	12	3.7	157	3.4	865	3.4	966	3.4
Identifying and using the best methods for answering specific questions in your field	12	3.6	156	3.5	863	3.5	963	3.5
Knowing how to generate original/creative ideas, solutions, and research directions	12	3.4	155	3.4	863	3.4	964	3.4
Knowing how to put research ideas into practice in your field	12	3.3	156	3.2	861	3.2	961	3.2
Understanding ethics and ethical practice in your field	12	3.3	157	3.2	864	3.4	964	3.4
Understanding, evaluating, and using the quantitative methods relevant to your field	11	3.4	155	3.3	859	3.2	960	3.3
Mastering specialized instruments, computer programs, or materials important to your field	12	3.5	156	3.2	860	3.1	960	3.1
Learning independently	12	3.6	157	3.4	859	3.4	960	3.5
Working collaboratively with others within your field	12	3.7	157	3.7	860	3.7	961	3.7
Working collaboratively with interdisciplinary groups	11	3.4	155	3.5	861	3.6	962	3.6
Understanding and valuing diverse people and cultures	12	2.8	157	3.3	862	3.6	962	3.6
Using self-reflection and self-assessment to guide next directions	12	3.3	157	3.3	862	3.4	963	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	12	3.1	144	2.9	826	3.1	925	3.0
The help you received from graduate student colleagues	12	3.0	157	3.1	881	3.2	990	3.2
The help you received navigating the job market	12	2.1	152	2.2	874	2.4	981	2.4
Your overall learning experience at the UW	12	3.2	159	3.1	878	3.2	985	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.	12	3.3	159	3.6	884	3.6	990	3.6
Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	12	3.5	159	3.7	887	3.6	995	3.6
Classrooms, labs, and other campus spaces were accessible.	12	2.8	156	3.1	880	3.2	986	3.2
If I had to make my college choice over again, I would choose to attend UW.	12	3.2	159	3.3	889	3.4	998	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?	12	3.3	159	3.3	881	3.3	989	3.3

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Process Engineer II	Tesla
RD Process Engineer	TSMC
Manufacturing Engineer	Watson Furniture Group
Chemical Engineer	Polyplex USA
Process Engineer	Micron
Software Engineer	Google Inc.
Software engineer	Box

Serving in the US military

Rank	Specialty
o3	Prevention/staff engineer

Enrolled in Educational Program

Program of study	Institution
	University of Washington
	UW
	University of Washington
	Chemical engineering
Ph. D. in Chemical Engineering	University of Washington
Chemical engineering	University of Washington