

UW Alumni Survey Results

2022-2023 MASTERS Degree Recipients

 Industrial And
Systems Engineering

 College Of
Engineering

All Professional

UW Seattle

Graduates Surveyed

	N	%	N	%	N	%	N	%
Total	36	100%	830	100%	4069	100%	4745	100%
Women	13	36%	297	36%	2340	58%	2713	57%
Men	23	64%	533	64%	1729	42%	2032	43%
African American	0	0%	20	2%	205	5%	233	5%
American Indian	0	0%	8	1%	60	1%	70	1%
Asian American	6	17%	173	21%	755	19%	853	18%
Caucasian	13	36%	253	30%	1623	40%	1875	40%
Hawaiian/Pacific Islander	0	0%	3	0%	26	1%	26	1%
Hispanic/Latino	2	6%	39	5%	304	7%	348	7%
Other/Not Indicated	15	42%	334	40%	1096	27%	1340	28%
International	14	39%	311	37%	983	24%	1217	26%

Survey Response Rates

	N	%	N	%	N	%	N	%
Total	7	19%	163	20%	940	23%	1092	23%
Women	1	14%	59	36%	571	61%	665	61%
Men	6	86%	104	64%	369	39%	427	39%
African American	0	0%	3	2%	36	4%	41	4%
American Indian	0	0%	3	2%	17	2%	20	2%
Asian American	0	0%	27	17%	151	16%	172	16%
Caucasian	5	71%	71	44%	433	46%	500	46%
Hawaiian/Pacific Islander	0	0%	0	0%	7	1%	7	1%
Hispanic/Latino	1	14%	7	4%	79	8%	93	9%
Other/Not Indicated	1	14%	52	32%	217	23%	259	24%
International	1	14%	49	30%	197	21%	236	22%

Current Status

	N	%	N	%	N	%	N	%
Employed for pay full time	5	71%	109	67%	713	76%	787	72%
Employed for pay part time	0	0%	1	1%	44	5%	55	5%
Participating in a volunteer or service program	0	0%	0	0%	5	1%	6	1%
Serving in the U.S. military	0	0%	2	1%	5	1%	7	1%
Enrolled in a certificate or degree program	1	14%	27	17%	44	5%	73	7%
Planning to continue education	0	0%	0	0%	1	0%	1	0%
Seeking employment	0	0%	19	12%	100	11%	130	12%
A fellowship	1	14%	2	1%	15	2%	19	2%
Not seeking employment or continuing education	0	0%	3	2%	13	1%	14	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	5	100%	102	95%	684	93%	753	92%
Entrepreneur/self-employed	0	0%	0	0%	9	1%	10	1%
Temporary/contract work assignment	0	0%	4	4%	22	3%	24	3%
Freelance	0	0%	0	0%	0	0%	1	0%
Postgraduate internship or fellowship	0	0%	0	0%	3	0%	5	1%
Faculty tenure track position	0	0%	0	0%	3	0%	4	0%
Faculty non-tenure track position	0	0%	0	0%	5	1%	8	1%
Other	0	0%	1	1%	7	1%	10	1%

Career related

	N	%	N	%	N	%	N	%
Yes	4	80%	99	94%	679	94%	757	94%
No	1	20%	6	6%	45	6%	49	6%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	4	80%	63	60%	471	65%	521	65%
Other Washington	0	0%	4	4%	36	5%	37	5%
Alaska, Idaho, Oregon	0	0%	4	4%	22	3%	22	3%
California, Hawaii	0	0%	16	15%	48	7%	54	7%
Mountain states	0	0%	0	0%	19	3%	20	3%
Central states	0	0%	3	3%	29	4%	33	4%
Eastern states	0	0%	9	9%	60	8%	72	9%
International	1	20%	6	6%	35	5%	41	5%

Type of employer

	N	%	N	%	N	%	N	%
For-profit company	5	100%	92	90%	390	56%	431	56%
Non-profit/NGO	0	0%	3	3%	93	13%	103	13%
Government	0	0%	6	6%	189	27%	208	27%
Other	0	0%	1	1%	28	4%	33	4%

Search time (weeks)

	N					
	3	51	364	401		
Mean	16.0	11.7	11.6	11.5		
SD	12	9	10	10		
Range	6 30	0 40	0 50	0 50		

Salary

	N					
	5	87	577	629		
Mean	138,200	115,068	104,118	103,802		
SD	68,273	38,313	62,038	62,326		
Range	80,000 250,000	48,000 250,000	18,000 900,000	18,000 900,000		

First year bonus

	N					
	1	30	161	173		
Mean	250,000	28,770	22,211	23,364		
SD		47,632	32,298	37,983		
Range	250,000 250,000	500 250,000	450 250,000	450 300,000		

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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%	3	100%	4	100%
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%	0	0%	0	0%

Serving in the US Military**Service branch**

	N	%	N	%	N	%	N	%
Air Force	0	0%	0	0%	2	40%	2	29%
Army	0	0%	1	50%	1	20%	3	43%
Coast Guard	0	0%	0	0%	0	0%	0	0%
Marine Corps	0	0%	0	0%	0	0%	0	0%
Navy	0	0%	1	50%	2	40%	2	29%

Status

	N	%	N	%	N	%	N	%
Active duty	0	0%	2	100%	5	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%	1	2%	1	1%
Advanced Certificate	0	0%	0	0%	0	0%	2	3%
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%	0	0%	0	0%	0	0%
Masters (MA/MS) – leading to doctorate	0	0%	0	0%	0	0%	0	0%
Doctorate (PhD/EdD)	1	100%	26	100%	41	95%	65	94%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	1	2%	1	1%
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	1	100%	17	68%	29	71%	48	73%
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%	2	8%	2	5%	3	5%
Mountain states	0	0%	0	0%	0	0%	1	2%
Central states	0	0%	3	12%	6	15%	7	11%
Eastern states	0	0%	3	12%	4	10%	6	9%
International	0	0%	0	0%	0	0%	1	2%

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

	N	%	N	%	N	%	N	%
Yes	6	86%	122	79%	741	84%	849	83%
No	1	14%	33	21%	146	16%	179	17%

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	7	3.7	144	3.3	836	3.2	970	3.2
Writing effectively	7	3.1	143	2.8	834	2.9	967	2.9
Speaking effectively about ideas, projects, and plans	7	3.1	141	2.9	833	3.0	967	3.0
Critically analyzing the research, technical literature, and/or performance in your field	7	3.7	143	3.3	834	3.2	967	3.2
Identifying important questions in your field	7	3.7	142	3.3	831	3.3	964	3.3
Identifying and using the best methods for answering specific questions in your field	7	3.7	143	3.2	834	3.1	967	3.1
Knowing how to generate original/creative ideas, solutions, and research directions	7	3.4	142	3.1	833	3.0	965	3.0
Knowing how to put research ideas into practice in your field	7	3.4	143	3.0	834	2.9	967	2.9
Understanding ethics and ethical practice in your field	7	3.0	142	2.8	832	3.1	965	3.1
Understanding, evaluating, and using the quantitative methods relevant to your field	7	4.0	143	3.2	831	3.0	963	3.0
Mastering specialized instruments, computer programs, or materials important to your field	7	2.9	142	2.9	831	2.7	964	2.7
Learning independently	7	3.4	143	3.4	831	3.2	964	3.2
Working collaboratively with others within your field	7	3.1	143	3.2	832	3.3	965	3.3
Working collaboratively with interdisciplinary groups	7	2.6	143	2.8	832	3.0	965	3.0
Understanding and valuing diverse people and cultures	7	2.3	143	2.8	833	3.2	966	3.2
Using self-reflection and self-assessment to guide next directions	7	2.9	143	2.9	832	3.1	964	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	7	3.4	139	3.5	791	3.5	917	3.5
Writing effectively	7	3.6	139	3.4	786	3.4	912	3.4
Speaking effectively about ideas, projects, and plans	7	3.6	139	3.6	786	3.6	911	3.6
Critically analyzing the research, technical literature, and/or performance in your field	7	3.6	138	3.4	782	3.3	907	3.3
Identifying important questions in your field	7	3.6	138	3.4	781	3.4	906	3.4
Identifying and using the best methods for answering specific questions in your field	6	3.5	138	3.5	777	3.4	901	3.5
Knowing how to generate original/creative ideas, solutions, and research directions	7	3.6	139	3.4	783	3.4	908	3.4
Knowing how to put research ideas into practice in your field	7	3.4	139	3.2	781	3.2	906	3.2
Understanding ethics and ethical practice in your field	6	3.0	137	3.1	779	3.4	904	3.4
Understanding, evaluating, and using the quantitative methods relevant to your field	6	3.2	138	3.4	778	3.2	902	3.2
Mastering specialized instruments, computer programs, or materials important to your field	7	2.6	139	3.3	782	3.1	907	3.1
Learning independently	7	3.1	139	3.5	781	3.4	904	3.4
Working collaboratively with others within your field	7	3.4	139	3.7	782	3.7	907	3.6
Working collaboratively with interdisciplinary groups	7	3.6	139	3.5	780	3.6	905	3.5
Understanding and valuing diverse people and cultures	7	3.6	139	3.1	783	3.5	908	3.5
Using self-reflection and self-assessment to guide next directions	7	3.0	139	3.3	783	3.4	908	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	7	3.4	130	3.0	747	2.9	867	2.9
The help you received from graduate student colleagues	7	3.3	140	3.1	802	3.1	928	3.1
The help you received navigating the job market	6	2.5	136	2.1	795	2.1	918	2.1
Your overall learning experience at the UW	7	3.9	137	3.3	794	3.2	917	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.	7	3.7	139	3.6	803	3.5	927	3.5
Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	7	3.9	140	3.7	802	3.6	928	3.6
Classrooms, labs, and other campus spaces were accessible.	7	3.4	139	3.3	799	3.4	922	3.3
If I had to make my college choice over again, I would choose to attend UW.	7	3.6	139	3.4	805	3.3	931	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?	7	3.7	137	3.2	798	3.2	921	3.2

Current activity roster**Employed Full Time or Part time**

Job title	Employing organization
Lab Engineer	Amazon
Quality Engineer	Li Auto
Product manager	Ossia Inc.
Head of Sustainability	Chrwy
Quality Engineer	Omron Automation of Americas

Enrolled in Educational Program

Program of study	Institution
Industrial and Systems Engineering	University of Washington