

UW Alumni Survey Results 2020-2021 MASTERS Degree Recipients

Aeronautics And Astronautics College Of Engineering All Professional UW Seattle

Graduates Surveyed								
	N	%	N	%	N	%	N	%
Total	49	100%	865	100%	3685	100%	4305	100%
Women	7	14%	290	34%	2044	55%	2398	56%
Men	42	86%	575	66%	1641	45%	1907	44%
African American	2	4%	23	3%	143	4%	162	4%
American Indian	0	0%	5	1%	46	1%	49	1%
Asian American	9	18%	143	17%	610	17%	680	16%
Caucasian	27	55%	294	34%	1682	46%	1942	45%
Hawaiian/Pacific Islander	1	2%	1	0%	23	1%	28	1%
Hispanic/Latino	2	4%	39	5%	245	7%	302	7%
Other/Not Indicated	8	16%	360	42%	936	25%	1142	27%
International	8	16%	342	40%	853	23%	1042	24%
Survey Response Rates								
	N	%	N	%	N	%	N	%
Total	16	33%	218	25%	1027	28%	1174	27%
Women	3	19%	76	35%	583	57%	671	57%
Men	13	81%	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	4	25%	31	14%	158	15%	171	15%
Caucasian	9	56%	79	36%	504	49%	572	49%
Hawaiian/Pacific Islander	0	0%	0	0%	7	1%	8	1%
Hispanic/Latino	1	6%	9	4%	68	7%	81	7%
Other/Not Indicated	2	13%	91	42%	246	24%	289	25%
International	2	13%	85	39%	224	22%	264	22%
Current Status								
	N	%	N	%	N	%	N	%
Employed for pay full time	11	69%	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	0	0%	2	1%	4	0%	4	0%
Serving in the U.S. military	2	13%	3	1%	7	1%	8	1%
Enrolled in a certificate or degree program	3	19%	23	11%	58	6%	88	7%
Planning to continue education	0	0%	0	0%	2	0%	5	0%
Seeking employment	0	0%	11	5%	69	7%	79	7%
A fellowship	0	0%	2	1%	15	1%	18	2%
Not seeking employment or continuing education	0	0%	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	10	91%	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	1	9%	1	1%	9	1%	12	1%
Other	0	0%	1	1%	7	1%	11	1%

Career related

	N	%	N	%	N	%	N	%
Yes	11	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	5	50%	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	3	30%	23	14%	69	9%	77	9%
Mountain states	0	0%	6	4%	21	3%	24	3%
Central states	1	10%	8	5%	28	3%	30	3%
Eastern states	1	10%	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	10	91%	137	83%	477	59%	527	59%
Non-profit/NGO	0	0%	3	2%	94	12%	108	12%
Government	1	9%	23	14%	199	25%	214	24%
Other	0	0%	2	1%	35	4%	39	4%

Search time (weeks)

	N		N		N		N	
	3		85		463		512	
Mean	32.0		14.3		11.4		11.5	
SD	25		12		10		10	
Range	4	52	0	53	0	53	0	53

Salary

	N		N		N		N	
	9		129		661		724	
Mean	93,778		103,889		96,305		95,246	
SD	15,048		37,294		53,960		52,455	
Range	70,000	125,000	28,048	250,000	10,000	600,000	10,000	600,000

First year bonus

	N		N		N		N	
	2		50		183		198	
Mean	11,250		22,126		22,219		21,446	
SD	1,768		26,637		25,732		25,047	
Range	10,000	12,500	1,600	140,000	413	177,000	300	177,000

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

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	0	0%	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	2	100%	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	2	100%	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	1	50%	1	5%	1	2%	1	1%
Doctorate (PhD/EdD)	1	50%	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	100%	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	0	0%	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	14	93%	136	67%	797	82%	908	82%
No	1	7%	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	14	3.6	191	3.4	930	3.3	1058	3.3
Writing effectively	14	3.0	189	2.9	924	3.0	1052	3.0
Speaking effectively about ideas, projects, and plans	14	3.0	188	2.9	922	3.0	1050	3.0
Critically analyzing the research, technical literature, and/or performance in your field	14	3.3	189	3.3	923	3.2	1051	3.2
Identifying important questions in your field	14	3.4	189	3.2	923	3.3	1051	3.3
Identifying and using the best methods for answering specific questions in your field	14	3.5	189	3.3	922	3.1	1050	3.2
Knowing how to generate original/creative ideas, solutions, and research directions	14	3.1	189	3.0	923	3.0	1050	3.0
Knowing how to put research ideas into practice in your field	14	2.9	188	3.1	920	2.9	1047	2.9
Understanding ethics and ethical practice in your field	14	3.0	189	2.9	920	3.1	1048	3.1
Understanding, evaluating, and using the quantitative methods relevant to your field	14	3.6	187	3.2	920	3.0	1048	3.0
Mastering specialized instruments, computer programs, or materials important to your field	14	3.5	189	3.1	921	2.7	1049	2.7
Learning independently	13	3.5	185	3.4	916	3.2	1044	3.2
Working collaboratively with others within your field	14	3.0	188	3.2	919	3.3	1046	3.2
Working collaboratively with interdisciplinary groups	14	2.6	186	2.9	917	3.0	1045	3.0
Understanding and valuing diverse people and cultures	13	2.8	187	3.1	919	3.2	1045	3.2
Using self-reflection and self-assessment to guide next directions	13	3.0	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	13	3.4	178	3.5	872	3.5	994	3.5
Writing effectively	13	3.2	173	3.2	863	3.3	985	3.3
Speaking effectively about ideas, projects, and plans	13	3.5	172	3.5	862	3.5	982	3.5
Critically analyzing the research, technical literature, and/or performance in your field	13	3.1	171	3.3	862	3.2	982	3.3
Identifying important questions in your field	12	3.3	172	3.3	862	3.4	983	3.4
Identifying and using the best methods for answering specific questions in your field	12	3.5	172	3.5	860	3.5	979	3.4
Knowing how to generate original/creative ideas, solutions, and research directions	13	3.1	173	3.4	861	3.4	982	3.4
Knowing how to put research ideas into practice in your field	13	2.7	173	3.2	861	3.2	982	3.2
Understanding ethics and ethical practice in your field	14	3.3	171	3.2	861	3.4	982	3.4
Understanding, evaluating, and using the quantitative methods relevant to your field	13	3.3	173	3.4	863	3.2	982	3.2
Mastering specialized instruments, computer programs, or materials important to your field	13	3.2	172	3.3	865	3.1	986	3.2
Learning independently	13	3.2	171	3.5	857	3.4	978	3.4
Working collaboratively with others within your field	13	3.3	172	3.6	861	3.6	981	3.6
Working collaboratively with interdisciplinary groups	13	3.4	173	3.5	862	3.5	983	3.5
Understanding and valuing diverse people and cultures	13	3.2	172	3.3	864	3.5	985	3.5
Using self-reflection and self-assessment to guide next directions	13	3.3	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	13	3.2	170	3.0	830	3.0	943	3.0
The help you received from graduate student colleagues	14	2.6	180	3.2	883	3.2	1003	3.2
The help you received navigating the job market	14	2.3	175	2.4	871	2.4	988	2.4
Your overall learning experience at the UW	14	3.2	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.	14	3.6	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.	14	3.8	182	3.7	889	3.6	1011	3.6
Classrooms, labs, and other campus spaces were accessible.	12	3.3	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.	14	3.4	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?	13	3.2	180	3.3	870	3.3	989	3.2

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Stress engineer	
Associate Structural Engineer	Northrop Grumman
Propulsion Engineer	Boeing
Mechanical Engineer	Applied Materials
Sr Systems Engineer	Collins Aerospace
Structural Analysis Engineer	Boeing
Propulsion Engineer	Boeing
Fuel Systems Stress Lead	Boeing
Adjunct Professor - Community College	Pierce College

Serving in the US military

Rank	Specialty
Capt	Mobility Pilot
1st Lieutenant	Astronautical Engineering

Enrolled in Educational Program

Program of study	Institution
Aeronautics and Astronautics	A&A
	University of Washington