

UW Alumni Survey Results 2014-2015 MASTERS Degree Recipients

	Mechanical Engineering		College Of Engineering		All Professional		UW Seattle	
Graduates Surveyed								
	N	%	N	%	N	%	N	%
Total	62	100%	539	100%	3018	100%	3593	100%
Women	9	15%	142	26%	1594	53%	1915	53%
Men	53	85%	397	74%	1424	47%	1678	47%
African American	1	2%	12	2%	105	3%	117	3%
American Indian	0	0%	3	1%	46	2%	52	1%
Asian American	6	10%	70	13%	414	14%	464	13%
Caucasian	34	55%	274	51%	1649	55%	1960	55%
Hawaiian/Pacific Islander	0	0%	0	0%	17	1%	18	1%
Hispanic/Latino	1	2%	18	3%	166	6%	206	6%
Other/Not Indicated	20	32%	162	30%	621	21%	776	22%
International	18	29%	144	27%	547	18%	684	19%
Survey Response Rates								
	N	%	N	%	N	%	N	%
Total	24	39%	204	38%	1109	37%	1329	37%
Women	4	17%	60	29%	573	52%	697	52%
Men	20	83%	144	71%	536	48%	632	48%
African American	0	0%	1	0%	31	3%	33	2%
American Indian	0	0%	1	0%	12	1%	13	1%
Asian American	3	13%	26	13%	145	13%	166	12%
Caucasian	11	46%	115	56%	643	58%	769	58%
Hawaiian/Pacific Islander	0	0%	0	0%	8	1%	9	1%
Hispanic/Latino	1	4%	10	5%	73	7%	89	7%
Other/Not Indicated	9	38%	51	25%	197	18%	250	19%
International	9	38%	43	21%	170	15%	216	16%
Current Status								
	N	%	N	%	N	%	N	%
Employed for pay full time	17	71%	153	75%	867	78%	978	74%
Employed for pay part time	2	8%	6	3%	49	4%	68	5%
Participating in a volunteer or service program	0	0%	0	0%	6	1%	6	0%
Serving in the U.S. military	0	0%	6	3%	13	1%	14	1%
Enrolled in a program of continuing education	3	13%	28	14%	75	7%	125	9%
Planning to continue education	0	0%	0	0%	5	0%	8	1%
Seeking employment	1	4%	7	3%	60	5%	82	6%
Not seeking employment or continuing education	0	0%	0	0%	13	1%	15	1%
Other	1	4%	4	2%	21	2%	33	2%

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Engineering

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

	N	%	N	%	N	%	N	%
Employee working for a company or organization	13	76%	137	93%	759	88%	850	86%
Entrepreneur/self-employed	1	6%	2	1%	11	1%	14	1%
Temporary/contract work assignment	2	12%	5	3%	38	4%	45	5%
Freelance	0	0%	0	0%	0	0%	7	1%
Postgraduate internship or fellowship	0	0%	0	0%	16	2%	19	2%
Faculty tenure track position	0	0%	0	0%	8	1%	11	1%
Faculty non-tenure track position	0	0%	0	0%	17	2%	21	2%
Other	1	6%	4	3%	15	2%	20	2%

Career related

	N	%	N	%	N	%	N	%
Yes	16	94%	144	97%	822	95%	931	94%
No	1	6%	4	3%	47	5%	60	6%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	7	41%	103	70%	584	68%	657	67%
Other Washington	0	0%	4	3%	49	6%	49	5%
Alaska, Idaho, Oregon	1	6%	6	4%	28	3%	31	3%
California, Hawaii	1	6%	16	11%	62	7%	69	7%
Mountain states	2	12%	2	1%	11	1%	15	2%
Central states	1	6%	2	1%	15	2%	21	2%
Eastern states	1	6%	7	5%	53	6%	63	6%
International	4	24%	8	5%	56	7%	73	7%

Type of employer

	N	%	N	%	N	%	N	%
Private	13	87%	111	82%	397	50%	453	50%
Non-profit/NGO	0	0%	2	1%	160	20%	178	20%
Government	1	7%	13	10%	170	21%	190	21%
Other	1	7%	10	7%	75	9%	82	9%

Search time (weeks)

	N	12	122	686	764
Mean		13.7	9.1	8.6	8.8
SD		12	10	10	10
Range	0	30	0	52	0

Salary

	N	8	97	552	609
Mean		58,545	87,443	76,051	75,634
SD		18,977	42,046	36,408	36,152
Range	30,000	92,203	15,000	285,000	15,000

First year bonus

	N	1	18	122	136
Mean		1,000	31,194	16,030	16,891
SD			76,660	32,979	35,516
Range	1,000	1,000	1,000	330,000	100

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All Professional

UW Seattle

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

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	0	0%	0	0%	2	40%	2	40%
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%	1	20%	1	20%
Mountain states	0	0%	0	0%	0	0%	0	0%
Central states	0	0%	0	0%	1	20%	1	20%
Eastern states	0	0%	0	0%	0	0%	0	0%
International	0	0%	0	0%	1	20%	1	20%

Serving in the US Military**Service branch**

	N	%	N	%	N	%	N	%
Air Force	0	0%	3	50%	3	23%	4	29%
Army	0	0%	0	0%	3	23%	3	21%
Coast Guard	0	0%	2	33%	4	31%	4	29%
Marine Corps	0	0%	0	0%	0	0%	0	0%
Navy	0	0%	1	17%	3	23%	3	21%

Status

	N	%	N	%	N	%	N	%
Active duty	0	0%	6	100%	11	85%	12	86%
Reserve	0	0%	0	0%	1	8%	1	7%
National Guard	0	0%	0	0%	1	8%	1	7%

Enrolled in Educational Program**Degree program**

	N	%	N	%	N	%	N	%
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%	1	1%	1	1%
Masters (MA/MS) – terminal degree	0	0%	2	7%	7	10%	7	6%
Masters (MA/MS) – leading to doctorate	0	0%	0	0%	1	1%	3	2%
Doctorate (PhD/EdD)	2	100%	24	89%	56	77%	101	83%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	5	7%	5	4%
Other	0	0%	0	0%	0	0%	0	0%

School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	2	100%	24	89%	54	75%	89	75%
Other Washington	0	0%	0	0%	0	0%	0	0%
Alaska, Idaho, Oregon	0	0%	0	0%	1	1%	2	2%
California, Hawaii	0	0%	1	4%	5	7%	7	6%
Mountain states	0	0%	0	0%	1	1%	3	3%
Central states	0	0%	0	0%	3	4%	3	3%
Eastern states	0	0%	1	4%	4	6%	9	8%
International	0	0%	1	4%	4	6%	6	5%

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

	N	%	N	%	N	%	N	%
Yes	13	62%	151	81%	896	87%	1063	86%
No	8	38%	36	19%	134	13%	171	14%

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	17	3.4	175	3.5	948	3.4	1133	3.4
Writing effectively	17	2.8	174	2.8	946	3.0	1131	3.0
Speaking effectively about ideas, projects, and plans	17	2.5	173	2.8	945	3.0	1129	3.0
Critically analyzing the research, technical literature, and/or performance in your field	17	3.5	175	3.3	944	3.3	1126	3.3
Identifying important questions in your field	17	3.2	175	3.3	940	3.3	1124	3.3
Identifying and using the best methods for answering specific questions in your field	17	3.1	175	3.2	943	3.2	1126	3.2
Knowing how to generate original/creative ideas, solutions, and research directions	17	2.8	174	3.0	941	3.0	1123	3.1
Knowing how to put research ideas into practice in your field	17	2.8	174	3.0	939	3.0	1121	3.0
Understanding ethics and ethical practice in your field	17	2.5	174	2.8	944	3.1	1125	3.0
Understanding, evaluating, and using the quantitative methods relevant to your field	17	3.1	173	3.2	942	3.1	1124	3.1
Mastering specialized instruments, computer programs, or materials important to your field	17	3.1	174	3.0	940	2.7	1121	2.7
Learning independently	17	3.6	173	3.4	940	3.2	1122	3.3
Working collaboratively with others within your field	17	3.2	174	3.3	943	3.3	1125	3.3
Working collaboratively with interdisciplinary groups	17	2.5	174	2.8	940	3.1	1121	3.0
Understanding and valuing diverse people and cultures	17	3.0	174	3.0	943	3.1	1125	3.1
Using self-reflection and self-assessment to guide next directions	17	2.9	174	2.9	941	3.0	1122	3.0

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IMPORTANCE to current work and life	N	Mean	N	Mean	N	Mean	N	Mean
Acquiring deep knowledge in your chosen field of study	16	3.6	169	3.6	888	3.5	1064	3.5
Writing effectively	16	3.2	168	3.4	887	3.4	1062	3.4
Speaking effectively about ideas, projects, and plans	16	3.4	167	3.5	886	3.5	1061	3.5
Critically analyzing the research, technical literature, and/or performance in your field	16	3.1	168	3.2	885	3.3	1060	3.3
Identifying important questions in your field	16	3.3	168	3.4	883	3.4	1058	3.4
Identifying and using the best methods for answering specific questions in your field	16	3.6	167	3.6	878	3.5	1052	3.5
Knowing how to generate original/creative ideas, solutions, and research directions	16	3.3	167	3.6	878	3.4	1052	3.5
Knowing how to put research ideas into practice in your field	16	3.1	167	3.3	880	3.3	1055	3.3
Understanding ethics and ethical practice in your field	16	3.3	167	3.3	882	3.4	1057	3.4
Understanding, evaluating, and using the quantitative methods relevant to your field	16	3.5	166	3.4	875	3.2	1050	3.2
Mastering specialized instruments, computer programs, or materials important to your field	16	3.5	167	3.4	878	3.2	1053	3.2
Learning independently	16	3.4	167	3.6	871	3.5	1046	3.5
Working collaboratively with others within your field	16	3.6	166	3.7	876	3.7	1050	3.7
Working collaboratively with interdisciplinary groups	16	3.3	167	3.5	873	3.6	1048	3.6
Understanding and valuing diverse people and cultures	16	2.9	167	3.2	877	3.5	1052	3.5
Using self-reflection and self-assessment to guide next directions	16	2.9	167	3.3	878	3.4	1053	3.4

1=Not at all; 2=Somewhat; 3=Moderately; 4=Very

Overall UW experience

	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	16	2.6	149	2.9	842	2.9	1014	2.9
The help you received from graduate student colleagues	18	3.2	172	3.2	916	3.2	1097	3.2
The help you received navigating the job market	17	2.0	164	2.3	893	2.3	1066	2.3
Your overall learning experience at the UW	19	3.2	173	3.4	917	3.4	1098	3.3

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

	N	Mean	N	Mean	N	Mean	N	Mean
Faculty treated students respectfully, regardless of race, gender, ethnicity, sexuality, and country of origin.	18	3.6	175	3.7	917	3.6	1094	3.6
Students in my major treated each other respectfully – regardless of race, gender, ethnicity, sexuality, and country of origin.	18	3.7	174	3.8	918	3.6	1094	3.6
Classrooms, labs, and other campus spaces were accessible.	17	3.4	172	3.5	908	3.5	1084	3.5
If I had to make my college choice over again, I would choose to attend UW.	18	3.2	175	3.4	919	3.4	1096	3.4

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

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Manufacturing Engineer	Boeing Commercial Airplanes
Research Assistant	
Mechanical Engineer	E3 Energy Partners
Project Engineer	RES Americas
Jetting Engineer	Xerox
Mechanical Engineer	
	GMS Industries
Materials and Process Engineer	Boeing
Energy Engineer	
Simulation Specialist, lvl 1	
Data Analyst	Decisive Data
marine engineer	marine engineers beneficial association(maritime union)
CEO	
Engineer	Fives Lund LLC
Mechanical Engineer II	Spacelabs

Enrolled in Educational Program

Program of study	Institution
Mechanical Engineering	University of Washington university of washington