UW Alumni Survey Results
2015-2016 MASTERS Degree Recipients

Graduates Surveyed

	Mechanical Engineering		College Of Engineering		All Professional		UW Seattle	
	N	%	N	%	N	%	N	%
Total	64	100%	594	100%	3076	100%	3577	100%
Women	11	17%	180	30%	1629	53%	1888	53%
Men	53	83%	414	70%	1447	47%	1689	47%
African American	0	0%	10	2%	100	3%	115	3%
American Indian	1	2%	1	0%	41	1%	46	1%
Asian American	8	13%	90	15%	419	14%	458	13%
Caucasian	29	45%	277	47%	1711	56%	1993	56%
Hawaiian/Pacific Islander	0	0%	1	0%	18	1%	18	1%
Hispanic/Latino	5	8%	30	5%	183	6%	205	6%
Other/Not Indicated	21	33%	185	31%	604	20%	742	21%
International	20	31%	166	28%	531	17%	657	18%

Survey Response Rates

	N	%	N	%	N	%	N	%
Total	28	44%	180	30%	1130	37%	1303	36%
Women	7	25%	53	29%	628	56%	727	56%
Men	21	75%	127	71%	502	44%	576	44%
African American	0	0%	2	1%	34	3%	38	3%
American Indian	0	0%	0	0%	21	2%	23	2%
Asian American	4	14%	32	18%	155	14%	162	12%
Caucasian	13	46%	97	54%	670	59%	787	60%
Hawaiian/Pacific Islander	0	0%	0	0%	8	1%	8	1%
Hispanic/Latino	3	11%	8	4%	69	6%	76	6%
Other/Not Indicated	8	29%	41	23%	173	15%	209	16%
International	8	29%	37	21%	147	13%	180	14%

Current Status

	N	%	N	%	N	%	N	%
Employed for pay full time	15	54%	134	74%	869	77%	961	74%
Employed for pay part time	0	0%	3	2%	67	6%	77	6%
Participating in a volunteer or service program	0	0%	0	0%	7	1%	8	1%
Serving in the U.S. military	0	0%	1	1%	4	0%	6	0%
Enrolled in a program of continuing education	9	32%	25	14%	66	6%	110	8%
Planning to continue education	0	0%	2	1%	8	1%	11	1%
Seeking employment	2	7%	11	6%	73	6%	87	7%
Not seeking employment or continuing education	0	0%	2	1%	12	1%	15	1%
Other	2	7%	2	1%	24	2%	28	2%

Employed Full Time or Part time

Type of employment

	Mechanical Engineering		College Of Engineering		All Professional		UW Seattle	
	N	%	N	%	N	%	N	%
Employee working for a company or organization	13	100%	129	96%	797	88%	875	88%
Entrepreneur/self-employed	0	0%	2	1%	18	2%	20	2%
Temporary/contract work assignment	0	0%	1	1%	36	4%	46	5%
Freelance	0	0%	0	0%	2	0%	2	0%
Postgraduate internship or fellowship	0	0%	1	1%	19	2%	21	2%
Faculty tenure track position	0	0%	0	0%	5	1%	5	1%
Faculty non-tenure track position	0	0%	0	0%	12	1%	15	2%
Other	0	0%	1	1%	12	1%	14	1%

Career related

	N	%	N	%	N	%	N	%
Yes	12	92%	132	98%	867	96%	953	95%
No	1	8%	3	2%	36	4%	47	5%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	12	92%	101	75%	622	69%	686	69%
Other Washington	0	0%	0	0%	33	4%	36	4%
Alaska, Idaho, Oregon	0	0%	2	1%	31	3%	32	3%
California, Hawaii	0	0%	10	7%	61	7%	63	6%
Mountain states	0	0%	4	3%	22	2%	29	3%
Central states	0	0%	5	4%	23	3%	30	3%
Eastern states	1	8%	8	6%	53	6%	62	6%
International	0	0%	4	3%	50	6%	53	5%

Type of employer

	N	%	N	%	N	%	N	%
Private	11	85%	103	80%	403	47%	451	48%
Non-profit/NGO	1	8%	3	2%	164	19%	177	19%
Government	1	8%	16	12%	244	29%	272	29%
Other	0	0%	7	5%	40	5%	43	5%

Search time (weeks)

N		7		57		470		520
Mean		18.1		13.1		11.0		10.9
SD		12		12		10		10
Range	2	40	0	52	0	52	0	52

Salary

N		10		104		666		738
Mean		76,500		87,164		77,376		76,618
SD		16,926		29,406		41,784		41,086
Range	50,000	100,000	30,000	170,000	20,000	480,000	20,000	480,000

First year bonus

N		2		28		137		149
Mean		1,750		15,696		18,809		18,164
SD		354		28,290		29,876		28,878
Range	1,500	2,000	300	150,000	100	275,000	100	275,000

Participating in a Volunteer or Service Program

Program location

	Mechanical Engineering N	Mechanical Engineering %	College Of Engineering N	College Of Engineering %	All Professional N	All Professional %	UW Seattle N	UW Seattle %
King, Pierce, Snohomish counties	0	0%	0	0%	4	57%	4	57%
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%	1	14%	1	14%
Eastern states	0	0%	0	0%	0	0%	0	0%
International	0	0%	0	0%	2	29%	2	29%

Serving in the US Military

Service branch

	Mechanical Engineering N	Mechanical Engineering %	College Of Engineering N	College Of Engineering %	All Professional N	All Professional %	UW Seattle N	UW Seattle %
Air Force	0	0%	1	100%	1	25%	1	17%
Army	0	0%	0	0%	2	50%	4	67%
Coast Guard	0	0%	0	0%	0	0%	0	0%
Marine Corps	0	0%	0	0%	0	0%	0	0%
Navy	0	0%	0	0%	1	25%	1	17%

Status

	Mechanical Engineering N	Mechanical Engineering %	College Of Engineering N	College Of Engineering %	All Professional N	All Professional %	UW Seattle N	UW Seattle %
Active duty	0	0%	0	0%	3	75%	5	83%
Reserve	0	0%	1	100%	1	25%	1	17%
National Guard	0	0%	0	0%	0	0%	0	0%

Enrolled in Educational Program

Degree program

	Mechanical Engineering N	Mechanical Engineering %	College Of Engineering N	College Of Engineering %	All Professional N	All Professional %	UW Seattle N	UW Seattle %
Certificate	0	0%	0	0%	1	2%	4	4%
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	4%	3	5%	6	6%
Masters (MA/MS) – leading to doctorate	0	0%	0	0%	1	2%	1	1%
Doctorate (PhD/EdD)	9	100%	23	92%	54	84%	86	82%
Professional (JD, MD, DDS, PharmD)	0	0%	1	4%	4	6%	5	5%
Other	0	0%	0	0%	0	0%	0	0%

School location

	Mechanical Engineering N	Mechanical Engineering %	College Of Engineering N	College Of Engineering %	All Professional N	All Professional %	UW Seattle N	UW Seattle %
King, Pierce, Snohomish counties	7	78%	21	84%	52	81%	84	80%
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%	1	4%	1	2%	2	2%
Mountain states	1	11%	1	4%	2	3%	3	3%
Central states	0	0%	1	4%	3	5%	5	5%
Eastern states	1	11%	1	4%	3	5%	5	5%
International	0	0%	0	0%	2	3%	5	5%

	Mechanical Engineering		College Of Engineering		All Professional		UW Seattle	

All Respondents

Authorized to permanently work in the U.S.

	N	%	N	%	N	%	N	%
Yes	18	75%	137	82%	937	90%	1071	89%
No	6	25%	30	18%	108	10%	131	11%

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	24	3.3	160	3.3	994	3.4	1146	3.4
Writing effectively	24	2.7	159	2.7	989	3.0	1141	3.0
Speaking effectively about ideas, projects, and plans	24	2.8	160	2.7	993	3.0	1145	3.0
Critically analyzing the research, technical literature, and/or performance in your field	24	3.3	160	3.2	990	3.3	1140	3.3
Identifying important questions in your field	23	3.0	159	3.1	991	3.4	1143	3.4
Identifying and using the best methods for answering specific questions in your field	24	3.0	159	3.0	989	3.2	1141	3.2
Knowing how to generate original/creative ideas, solutions, and research directions	24	2.8	160	2.9	990	3.1	1141	3.1
Knowing how to put research ideas into practice in your field	24	2.7	160	2.8	989	3.0	1141	3.0
Understanding ethics and ethical practice in your field	24	2.8	160	2.5	990	3.1	1142	3.1
Understanding, evaluating, and using the quantitative methods relevant to your field	24	3.5	160	3.1	989	3.1	1141	3.1
Mastering specialized instruments, computer programs, or materials important to your field	24	3.4	160	3.0	989	2.7	1141	2.7
Learning independently	24	3.5	160	3.2	989	3.2	1141	3.2
Working collaboratively with others within your field	23	3.1	158	3.1	988	3.3	1139	3.3
Working collaboratively with interdisciplinary groups	24	2.8	159	2.6	989	3.0	1141	2.9
Understanding and valuing diverse people and cultures	24	2.9	159	2.7	990	3.1	1142	3.1
Using self-reflection and self-assessment to guide next directions	24	2.8	159	2.7	986	3.0	1138	3.1

IMPORTANCE to current work and life

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

	Mechanical Engineering		College Of Engineering		All Professional		UW Seattle	
	N	Mean	N	Mean	N	Mean	N	Mean
Acquiring deep knowledge in your chosen field of study	23	3.5	153	3.5	960	3.6	1106	3.6
Writing effectively	23	3.4	153	3.3	958	3.4	1105	3.4
Speaking effectively about ideas, projects, and plans	23	3.5	154	3.4	957	3.6	1103	3.5
Critically analyzing the research, technical literature, and/or performance in your field	23	3.4	153	3.1	955	3.3	1101	3.3
Identifying important questions in your field	23	3.3	154	3.2	952	3.4	1098	3.4
Identifying and using the best methods for answering specific questions in your field	23	3.3	154	3.5	955	3.5	1100	3.5
Knowing how to generate original/creative ideas, solutions, and research directions	23	3.2	153	3.3	954	3.4	1101	3.5
Knowing how to put research ideas into practice in your field	23	3.2	153	3.0	954	3.2	1099	3.3
Understanding ethics and ethical practice in your field	23	3.5	154	3.1	953	3.4	1099	3.4
Understanding, evaluating, and using the quantitative methods relevant to your field	23	3.3	153	3.3	950	3.2	1095	3.2
Mastering specialized instruments, computer programs, or materials important to your field	23	3.4	153	3.3	953	3.2	1099	3.2
Learning independently	23	3.5	152	3.4	952	3.5	1099	3.5
Working collaboratively with others within your field	23	3.6	154	3.6	953	3.7	1100	3.6
Working collaboratively with interdisciplinary groups	23	3.5	152	3.3	951	3.5	1098	3.5
Understanding and valuing diverse people and cultures	23	3.3	153	3.0	954	3.5	1101	3.5
Using self-reflection and self-assessment to guide next directions	23	3.1	153	3.1	953	3.4	1100	3.4

Overall UW experience

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

	Mechanical Engineering		College Of Engineering		All Professional		UW Seattle	
	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	22	2.7	139	2.8	886	2.9	1025	2.9
The help you received from graduate student colleagues	24	3.2	152	3.1	963	3.2	1110	3.1
The help you received navigating the job market	23	2.1	152	2.2	943	2.4	1088	2.4
Your overall learning experience at the UW	24	3.2	154	3.2	967	3.3	1114	3.3

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.	24	3.7	154	3.6	968	3.6	1116	3.6
Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	24	3.7	153	3.7	967	3.6	1115	3.6
Classrooms, labs, and other campus spaces were accessible.	24	3.6	150	3.4	958	3.5	1106	3.5
If I had to make my college choice over again, I would choose to attend UW.	24	3.3	154	3.3	966	3.5	1114	3.5

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	3.5	77	3.3	634	3.4	706	3.4

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Tooling Engineer	Fuyao Glass America
Electromechanical engineer	Tri-Tec Manufacturing
Engineer	PATH
Control Systems Engineer	
Manufacturing Engineering I	
Transportation Engineer I	
Mechanical Engineer	
Stress Analyst	The Boeing Co
Embedded System engineer	Listent America Corp.
Mechanical Engineer	Nytec
Analyst	Boeing
MECHANICAL ENGINEER	
Materials, Process & Physics Engineer	Boeing

Enrolled in Educational Program

Program of study	Institution
Mechanical Engineering	Colorado School of Mines
	University of Washington
Mechanical Engineering	University of Washington
	University of Washington
Robotics	Georgia Institute of Technology
Mechanical Engineering	University of Washington
Mechanical Engineering PhD	University of Washington
	University of Washington
Mechanical Engineering	University of Washington