

UW Alumni Survey Results
2015-2016 UNDERGRADUATE Degree Recipients

Materials Science And Engineering College Of Engineering All Professional UW Seattle

Graduates Surveyed

	N	%	N	%	N	%	N	%
Total	45	100%	754	100%	2719	100%	7526	100%
Women	11	24%	195	26%	1375	51%	4188	56%
Men	34	76%	559	74%	1344	49%	3338	44%
African American	2	4%	9	1%	75	3%	260	3%
American Indian	2	4%	9	1%	32	1%	88	1%
Asian American	9	20%	196	26%	768	28%	2047	27%
Caucasian	22	49%	361	48%	1309	48%	3355	45%
Hawaiian/Pacific Islander	0	0%	4	1%	21	1%	89	1%
Hispanic/Latino	2	4%	33	4%	187	7%	514	7%
Other/Not Indicated	8	18%	142	19%	327	12%	1173	16%
International	8	18%	132	18%	289	11%	1060	14%

Survey Response Rates

	N	%	N	%	N	%	N	%
Total	15	33%	257	34%	900	33%	2215	29%
Women	2	13%	78	30%	482	54%	1311	59%
Men	13	87%	179	70%	418	46%	904	41%
African American	0	0%	1	0%	13	1%	63	3%
American Indian	0	0%	2	1%	6	1%	17	1%
Asian American	4	27%	74	29%	261	29%	632	29%
Caucasian	7	47%	136	53%	480	53%	1115	50%
Hawaiian/Pacific Islander	0	0%	2	1%	6	1%	23	1%
Hispanic/Latino	1	7%	9	4%	58	6%	150	7%
Other/Not Indicated	3	20%	33	13%	76	8%	215	10%
International	3	20%	32	12%	65	7%	184	8%

Current Status

	N	%	N	%	N	%	N	%
Employed for pay full time	5	33%	175	68%	608	68%	1280	58%
Employed for pay part time	1	7%	10	4%	53	6%	211	10%
Participating in a volunteer or service program	0	0%	0	0%	19	2%	62	3%
Serving in the U.S. military	1	7%	6	2%	11	1%	14	1%
Enrolled in a program of continuing education	3	20%	32	12%	98	11%	303	14%
Planning to continue education	1	7%	3	1%	16	2%	89	4%
Seeking employment	2	13%	20	8%	65	7%	161	7%
Not seeking employment or continuing education	0	0%	1	0%	5	1%	26	1%
Other	2	13%	10	4%	25	3%	69	3%

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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	83%	167	95%	592	93%	1287	90%
Entrepreneur/self-employed	0	0%	1	1%	6	1%	20	1%
Temporary/contract work assignment	1	17%	4	2%	29	5%	89	6%
Freelance	0	0%	1	1%	2	0%	5	0%
Postgraduate internship or fellowship	0	0%	1	1%	6	1%	21	1%
Other	0	0%	1	1%	5	1%	15	1%

Career related

	N	%	N	%	N	%	N	%
Yes	5	83%	166	95%	588	93%	1190	83%
No	1	17%	9	5%	47	7%	240	17%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	5	83%	124	71%	475	75%	1083	76%
Other Washington	0	0%	15	9%	31	5%	69	5%
Alaska, Idaho, Oregon	0	0%	2	1%	12	2%	22	2%
California, Hawaii	1	17%	11	6%	43	7%	87	6%
Mountain states	0	0%	5	3%	11	2%	18	1%
Central states	0	0%	3	2%	16	3%	29	2%
Eastern states	0	0%	8	5%	21	3%	48	3%
International	0	0%	7	4%	23	4%	70	5%

Type of employer

	N	%	N	%	N	%	N	%
Private	4	67%	142	85%	429	70%	899	66%
Non-profit/NGO	0	0%	0	0%	53	9%	157	11%
Government	1	17%	23	14%	100	16%	243	18%
Other	1	17%	3	2%	30	5%	67	5%

Search time (weeks)

	N							
	4		131		444		900	
Mean	12.5		9.7		8.3		8.3	
SD	5		10		9		8	
Range	8 20		0 52		0 52		0 52	

Salary

	N							
	4		147		495		1006	
Mean	56,900		68,622		58,603		52,304	
SD	23,752		18,593		19,866		23,578	
Range	22,000 75,000		22,000 135,000		12,000 135,000		10,000 180,000	

First year bonus

	N							
	1		49		158		262	
Mean	7,000		11,920		10,213		11,602	
SD			22,185		16,100		18,459	
Range	7,000 7,000		500 120,000		500 120,000		100 125,000	

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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%	10	59%	25	42%
Other Washington	0	0%	0	0%	0	0%	2	3%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	1	2%
California, Hawaii	0	0%	0	0%	1	6%	2	3%
Mountain states	0	0%	0	0%	1	6%	2	3%
Central states	0	0%	0	0%	0	0%	1	2%
Eastern states	0	0%	0	0%	0	0%	3	5%
International	0	0%	0	0%	5	29%	23	39%

Serving in the US Military**Service branch**

	N	%	N	%	N	%	N	%
Air Force	0	0%	2	33%	2	18%	2	14%
Army	0	0%	1	17%	2	18%	4	29%
Coast Guard	0	0%	0	0%	0	0%	0	0%
Marine Corps	0	0%	0	0%	1	9%	1	7%
Navy	1	100%	3	50%	6	55%	7	50%

Status

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

Enrolled in Educational Program**Degree program**

	N	%	N	%	N	%	N	%
Certificate	0	0%	1	3%	2	2%	8	3%
Associate (AA/AS)	0	0%	0	0%	0	0%	3	1%
Bachelor (BA/BS)	0	0%	0	0%	4	4%	10	3%
Masters (MA/MS) – terminal degree	2	67%	21	68%	62	65%	149	51%
Masters (MA/MS) – leading to doctorate	0	0%	5	16%	8	8%	21	7%
Doctorate (PhD/EdD)	1	33%	4	13%	13	14%	45	15%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	6	6%	47	16%
Other	0	0%	0	0%	0	0%	0	0%

School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	1	33%	20	65%	53	56%	125	43%
Other Washington	0	0%	0	0%	7	7%	21	7%
Alaska, Idaho, Oregon	0	0%	0	0%	1	1%	6	2%
California, Hawaii	0	0%	2	6%	7	7%	28	10%
Mountain states	0	0%	0	0%	1	1%	10	3%
Central states	0	0%	1	3%	2	2%	13	4%
Eastern states	1	33%	5	16%	18	19%	67	23%
International	1	33%	3	10%	5	5%	19	7%

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

	N	%	N	%	N	%	N	%
Yes	12	80%	209	89%	783	94%	1913	92%
No	3	20%	25	11%	54	6%	156	8%

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 at least one field of study	15	3.1	219	3.4	782	3.4	1941	3.3
Writing effectively	15	3.0	218	2.8	777	3.0	1932	3.0
Speaking effectively about ideas, projects, and plans	15	3.1	218	3.0	780	3.2	1936	3.1
Thinking critically and analytically, defining and solving problems	14	3.6	217	3.5	778	3.4	1934	3.4
Creating something new (for example, art, a performance, an object, ideas, or processes)	14	2.6	218	2.9	779	2.8	1936	2.7
Gathering information, conducting research	14	3.7	218	3.3	778	3.3	1933	3.3
Quantitative reasoning	14	3.3	218	3.4	773	3.2	1930	3.1
Understanding and valuing diverse people and cultures	14	2.5	218	2.7	774	3.0	1924	3.1
Working and learning independently	14	3.4	218	3.4	776	3.4	1930	3.4
Working and learning in a team	13	3.1	217	3.4	774	3.5	1926	3.2
Taking on leadership roles inside or outside of the classroom	14	2.7	216	2.8	775	3.0	1927	2.8
Understanding ethical practice(s) in at least one field	14	2.9	216	3.0	774	3.2	1926	3.0
Using self-reflection and self-assessment to guide next directions	14	2.5	217	2.7	774	2.9	1924	2.9
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	14	3.2	217	3.4	773	3.1	1924	3.0
Developing skills and attitudes that foster lifelong learning	14	2.8	218	3.1	772	3.2	1925	3.2
Developing career interests and habits for success in the workplace	14	2.3	217	3.0	772	3.1	1920	3.0
Understanding more about who you are	14	2.5	217	2.9	770	3.1	1921	3.1
Finding a direction you'd like to pursue	14	2.6	217	3.0	771	3.1	1921	3.1
Understanding and practicing civic engagement, social responsibility	14	2.2	217	2.5	772	2.8	1923	2.8

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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 at least one field of study	11	3.3	196	3.4	706	3.4	1784	3.4
Writing effectively	10	3.1	194	3.3	702	3.4	1776	3.3
Speaking effectively about ideas, projects, and plans	11	3.5	196	3.6	703	3.7	1777	3.6
Thinking critically and analytically, defining and solving problems	11	3.6	196	3.8	703	3.7	1773	3.7
Creating something new (for example, art, a performance, an object, ideas, or processes)	11	2.7	196	3.1	702	3.0	1771	3.0
Gathering information, conducting research	11	3.1	196	3.3	701	3.2	1766	3.2
Quantitative reasoning	10	3.5	194	3.5	697	3.3	1767	3.2
Understanding and valuing diverse people and cultures	11	2.7	196	2.9	702	3.2	1768	3.3
Working and learning independently	11	3.3	196	3.5	701	3.6	1769	3.6
Working and learning in a team	11	3.5	196	3.6	701	3.6	1765	3.5
Taking on leadership roles inside or outside of the classroom	11	3.3	196	3.2	703	3.3	1768	3.2
Understanding ethical practice(s) in at least one field	11	3.0	196	3.2	700	3.3	1763	3.2
Using self-reflection and self-assessment to guide next directions	11	3.4	196	3.2	701	3.4	1768	3.3
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	11	2.8	195	3.4	701	3.4	1766	3.2
Developing skills and attitudes that foster lifelong learning	11	3.3	196	3.4	702	3.5	1765	3.4
Developing career interests and habits for success in the workplace	11	3.2	195	3.4	698	3.5	1759	3.5
Understanding more about who you are	11	2.9	195	3.0	699	3.3	1758	3.3
Finding a direction you'd like to pursue	11	3.7	195	3.3	697	3.5	1759	3.4
Understanding and practicing civic engagement, social responsibility	11	2.7	195	3.0	700	3.2	1764	3.2

Number of completed faculty-mentored research projects

	N	%	N	%	N	%	N	%
None	1	10%	71	37%	330	46%	826	46%
One	1	10%	57	29%	188	26%	513	28%
Two	4	40%	41	21%	108	15%	272	15%
Three or more	4	40%	25	13%	89	12%	201	11%

Number of completed internships

	N	%	N	%	N	%	N	%
None	6	60%	53	27%	211	29%	774	43%
One	2	20%	84	43%	247	34%	552	30%
Two	1	10%	42	21%	145	20%	284	16%
Three or more	1	10%	17	9%	114	16%	200	11%

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Number of completed service-learning projects

	N	%	N	%	N	%	N	%
None	9	90%	159	82%	422	59%	1097	61%
One	1	10%	31	16%	177	25%	441	24%
Two	0	0%	3	2%	65	9%	167	9%
Three or more	0	0%	2	1%	52	7%	105	6%

Importance to current employment

(Participated in 1 or more projects/internships and currently employed)

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

	N	Mean	N	Mean	N	Mean	N	Mean
Faculty-sponsored research project(s)	3	2.0	86	2.8	273	2.8	649	2.9
Internship(s)	2	3.5	113	3.5	384	3.4	739	3.4
Service-learning project(s)	0		24	2.8	200	2.9	440	2.8

Overall UW experience

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

	N	Mean	N	Mean	N	Mean	N	Mean
What you learned from co-curricular activities, such as study abroad, service learning, and participation in special UW programs, clubs, and organizations	10	2.3	191	2.7	697	2.9	1773	2.9
The help you received from academic advisers before you were formally admitted to your major	10	1.9	192	2.3	698	2.5	1780	2.5
The help you received from academic advisers in your academic department	10	2.4	194	2.9	704	3.0	1795	3.0
The help you received from your outside-class interactions with faculty/Tas	10	2.3	193	3.0	704	3.0	1792	2.9
Your overall learning experience at the UW	10	2.6	196	3.2	714	3.3	1807	3.2

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

	N	Mean	N	Mean	N	Mean	N	Mean
Faculty and teaching assistants treated students respectfully - regardless of race, gender, ethnicity, sexuality, or country of origin.	10	3.4	194	3.6	709	3.5	1796	3.5
Students in my program treated each other respectfully - regardless of race, gender, ethnicity, sexuality, or country of origin.	10	3.5	194	3.5	709	3.5	1797	3.5
Classrooms, labs, and other campus spaces were accessible.	10	3.3	195	3.5	709	3.5	1797	3.5
If I had to make my college choice over again, I would choose to attend UW.	10	3.2	195	3.5	710	3.5	1801	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?	8	3.0	160	3.4	533	3.4	1181	3.4

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Materials Scientist	Lab/Cor Materials, LLC
Research Engineer	University of Washington
	Microsoft
Engineer	Jorgensen Forge
Implementation Consultant	Fast Enterprises
Intern engineer	

Serving in the US military

Rank	Specialty
ENS	

Enrolled in Educational Program

Program of study	Institution
Biomedical Engineering	Brown University
Materials Science & Engineering	University of Washington
Materials Science & Engineering	University of Washington