

UW Alumni Survey Results 2016-2017 UNDERGRADUATE Degree Recipients

Materials Science College Of All Professional UW Seattle
And Engineering Engineering

Graduates Surveyed								
	N	%	N	%	N	%	N	%
Total	55	100%	801	100%	2878	100%	7485	100%
Women	17	31%	191	24%	1419	49%	4021	54%
Men	38	69%	610	76%	1459	51%	3464	46%
African American	1	2%	20	2%	77	3%	236	3%
American Indian	0	0%	11	1%	35	1%	97	1%
Asian American	10	18%	222	28%	828	29%	2075	28%
Caucasian	26	47%	347	43%	1340	47%	3301	44%
Hawaiian/Pacific Islander	0	0%	8	1%	34	1%	75	1%
Hispanic/Latino	2	4%	37	5%	187	6%	562	8%
Other/Not Indicated	16	29%	156	19%	377	13%	1139	15%
International	14	25%	144	18%	347	12%	1055	14%
Survey Response Rates								
	N	%	N	%	N	%	N	%
Total	20	36%	236	29%	821	29%	2071	28%
Women	11	55%	76	32%	451	55%	1244	60%
Men	9	45%	160	68%	370	45%	827	40%
African American	0	0%	8	3%	24	3%	67	3%
American Indian	0	0%	5	2%	12	1%	32	2%
Asian American	6	30%	68	29%	235	29%	555	27%
Caucasian	8	40%	111	47%	399	49%	1014	49%
Hawaiian/Pacific Islander	0	0%	1	0%	9	1%	21	1%
Hispanic/Latino	2	10%	12	5%	57	7%	159	8%
Other/Not Indicated	4	20%	31	13%	85	10%	223	11%
International	4	20%	27	11%	73	9%	193	9%
Current Status								
	N	%	N	%	N	%	N	%
Employed for pay full time	10	50%	161	68%	539	66%	1144	55%
Employed for pay part time	1	5%	12	5%	48	6%	193	9%
Participating in a volunteer or service program	2	10%	4	2%	25	3%	61	3%
Serving in the U.S. military	0	0%	2	1%	4	0%	13	1%
Enrolled in a program of continuing education	4	20%	35	15%	105	13%	280	14%
Planning to continue education	0	0%	2	1%	13	2%	94	5%
Seeking employment	3	15%	20	8%	65	8%	207	10%
Not seeking employment or continuing education	0	0%	0	0%	6	1%	15	1%
Other	0	0%	0	0%	16	2%	64	3%

Materials Science
And EngineeringCollege Of
Engineering

All Professional

UW Seattle

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

	N	%	N	%	N	%	N	%
Employee working for a company or organization	9	82%	145	87%	514	89%	1156	89%
Entrepreneur/self-employed	0	0%	2	1%	8	1%	15	1%
Temporary/contract work assignment	2	18%	12	7%	34	6%	89	7%
Freelance	0	0%	0	0%	3	1%	7	1%
Postgraduate internship or fellowship	0	0%	7	4%	10	2%	21	2%
Other	0	0%	1	1%	6	1%	11	1%

Career related

	N	%	N	%	N	%	N	%
Yes	10	91%	153	92%	523	91%	1083	83%
No	1	9%	14	8%	52	9%	217	17%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	7	70%	125	76%	451	79%	1016	79%
Other Washington	0	0%	7	4%	21	4%	52	4%
Alaska, Idaho, Oregon	1	10%	6	4%	17	3%	31	2%
California, Hawaii	0	0%	9	5%	27	5%	60	5%
Mountain states	0	0%	1	1%	7	1%	15	1%
Central states	0	0%	4	2%	10	2%	22	2%
Eastern states	1	10%	8	5%	20	4%	50	4%
International	1	10%	4	2%	15	3%	37	3%

Type of employer

	N	%	N	%	N	%	N	%
For-profit company	9	82%	143	88%	393	72%	823	67%
Non-profit/NGO	0	0%	2	1%	66	12%	162	13%
Government	2	18%	14	9%	69	13%	209	17%
Other	0	0%	4	2%	16	3%	37	3%

Search time (weeks)

	N							
	8		117		394		799	
Mean	9.3		11.3		9.6		9.1	
SD	7		11		10		9	
Range	3 24		0 52		0 52		0 52	

Salary

	N							
	8		125		430		890	
Mean	54,875		66,234		59,000		52,734	
SD	9,804		18,748		23,471		24,795	
Range	40,000 68,000		25,000 130,000		10,000 250,000		10,000 250,000	

First year bonus

	N							
	3		38		121		196	
Mean	7,000		11,425		10,779		11,057	
SD	7,211		19,993		14,626		14,388	
Range	1,000 15,000		500 100,000		400 100,000		100 100,000	

Materials Science
And EngineeringCollege Of
Engineering

All Professional

UW Seattle

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

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	2	100%	3	75%	16	64%	35	59%
Other Washington	0	0%	0	0%	0	0%	3	5%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	2	3%
California, Hawaii	0	0%	0	0%	1	4%	1	2%
Mountain states	0	0%	0	0%	0	0%	0	0%
Central states	0	0%	0	0%	1	4%	1	2%
Eastern states	0	0%	1	25%	2	8%	4	7%
International	0	0%	0	0%	5	20%	13	22%

Serving in the US Military**Service branch**

	N	%	N	%	N	%	N	%
Air Force	0	0%	0	0%	0	0%	1	8%
Army	0	0%	1	50%	2	50%	9	69%
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	50%	3	23%

Status

	N	%	N	%	N	%	N	%
Active duty	0	0%	2	100%	4	100%	11	85%
Reserve	0	0%	0	0%	0	0%	1	8%
National Guard	0	0%	0	0%	0	0%	1	8%

Enrolled in Educational Program**Degree program**

	N	%	N	%	N	%	N	%
Certificate	0	0%	0	0%	4	4%	11	4%
Associate (AA/AS)	0	0%	0	0%	1	1%	2	1%
Bachelor (BA/BS)	0	0%	1	3%	3	3%	8	3%
Masters (MA/MS) – terminal degree	4	100%	23	70%	64	63%	142	52%
Masters (MA/MS) – leading to doctorate	0	0%	2	6%	8	8%	25	9%
Doctorate (PhD/EdD)	0	0%	7	21%	15	15%	45	16%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	4	4%	32	12%
Other	0	0%	0	0%	0	0%	0	0%

School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	1	25%	14	41%	57	55%	123	45%
Other Washington	0	0%	0	0%	3	3%	16	6%
Alaska, Idaho, Oregon	0	0%	0	0%	1	1%	7	3%
California, Hawaii	0	0%	8	24%	16	16%	28	10%
Mountain states	0	0%	0	0%	1	1%	9	3%
Central states	0	0%	0	0%	5	5%	14	5%
Eastern states	3	75%	11	32%	16	16%	59	22%
International	0	0%	1	3%	4	4%	15	6%

Materials Science
And EngineeringCollege Of
Engineering

All Professional

UW Seattle

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

	N	%	N	%	N	%	N	%
Yes	16	80%	199	88%	724	92%	1802	91%
No	4	20%	26	12%	67	8%	170	9%

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	19	3.3	214	3.5	753	3.4	1882	3.3
Writing effectively	19	3.2	214	2.9	751	2.9	1879	3.0
Speaking effectively about ideas, projects, and plans	19	3.3	213	3.0	749	3.1	1876	3.1
Thinking critically and analytically, defining and solving problems	19	3.4	213	3.5	748	3.4	1875	3.4
Creating something new (for example, art, a performance, an object, ideas, or processes)	19	2.7	213	3.0	749	2.9	1873	2.8
Gathering information, conducting research	19	3.7	214	3.3	749	3.3	1875	3.3
Quantitative reasoning	19	3.5	213	3.4	747	3.2	1874	3.1
Understanding and valuing diverse people and cultures	19	3.1	214	2.8	747	3.1	1868	3.2
Working and learning independently	19	3.3	214	3.4	747	3.3	1869	3.4
Working and learning in a team	19	3.4	214	3.4	748	3.4	1868	3.2
Taking on leadership roles inside or outside of the classroom	19	3.3	214	3.0	748	2.9	1873	2.8
Understanding ethical practice(s) in at least one field	19	2.9	214	2.9	748	3.1	1870	3.0
Using self-reflection and self-assessment to guide next directions	18	2.9	213	2.8	746	3.0	1866	2.9
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	19	3.6	214	3.4	747	3.1	1871	2.9
Developing skills and attitudes that foster lifelong learning	19	3.1	214	3.2	747	3.2	1869	3.2
Developing career interests and habits for success in the workplace	19	3.2	214	3.1	746	3.2	1868	3.0
Understanding more about who you are	19	2.7	214	2.9	747	3.0	1863	3.0
Finding a direction you'd like to pursue	19	3.1	214	3.1	745	3.1	1870	3.0
Understanding and practicing civic engagement, social responsibility	19	2.8	214	2.6	747	2.9	1871	2.8

Materials Science
And EngineeringCollege Of
Engineering

All Professional

UW Seattle

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	17	3.2	199	3.5	702	3.5	1766	3.4
Writing effectively	18	3.3	200	3.2	699	3.2	1759	3.3
Speaking effectively about ideas, projects, and plans	17	3.7	197	3.5	697	3.6	1754	3.5
Thinking critically and analytically, defining and solving problems	17	3.6	196	3.7	695	3.7	1753	3.6
Creating something new (for example, art, a performance, an object, ideas, or processes)	17	3.1	198	3.2	696	3.0	1754	3.0
Gathering information, conducting research	18	3.5	199	3.3	695	3.2	1749	3.2
Quantitative reasoning	18	3.3	199	3.4	698	3.2	1754	3.1
Understanding and valuing diverse people and cultures	17	3.0	198	2.8	697	3.2	1750	3.3
Working and learning independently	18	3.6	199	3.5	698	3.5	1753	3.6
Working and learning in a team	18	3.6	199	3.6	696	3.6	1752	3.6
Taking on leadership roles inside or outside of the classroom	17	3.4	198	3.1	695	3.2	1751	3.2
Understanding ethical practice(s) in at least one field	17	3.2	198	3.1	694	3.3	1747	3.3
Using self-reflection and self-assessment to guide next directions	17	3.1	198	3.1	694	3.3	1748	3.3
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	17	3.4	198	3.5	694	3.4	1748	3.2
Developing skills and attitudes that foster lifelong learning	17	3.4	198	3.3	694	3.4	1747	3.4
Developing career interests and habits for success in the workplace	17	3.5	198	3.5	695	3.5	1745	3.5
Understanding more about who you are	17	2.9	198	3.1	695	3.2	1748	3.3
Finding a direction you'd like to pursue	18	3.4	199	3.4	695	3.4	1747	3.4
Understanding and practicing civic engagement, social responsibility	17	3.2	198	3.0	695	3.1	1749	3.1

Number of completed faculty-mentored research projects

	N	%	N	%	N	%	N	%
None	0	0%	58	28%	321	44%	817	45%
One	8	42%	55	26%	178	25%	510	28%
Two	5	26%	56	27%	129	18%	272	15%
Three or more	6	32%	39	19%	98	13%	206	11%

Number of completed internships

	N	%	N	%	N	%	N	%
None	7	37%	66	32%	257	35%	815	45%
One	7	37%	87	42%	246	34%	525	29%
Two	4	21%	39	19%	130	18%	279	15%
Three or more	1	5%	16	8%	95	13%	187	10%

Materials Science
And EngineeringCollege Of
Engineering

All Professional

UW Seattle

Number of completed service-learning projects

	N	%	N	%	N	%	N	%
None	13	68%	159	77%	410	57%	1112	62%
One	4	21%	35	17%	178	25%	396	22%
Two	1	5%	7	3%	82	11%	178	10%
Three or more	1	5%	5	2%	54	7%	114	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)	11	3.1	102	2.9	259	2.9	592	2.8
Internship(s)	7	4.0	106	3.5	338	3.5	668	3.4
Service-learning project(s)	3	1.7	31	2.5	205	2.7	417	2.7

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	19	2.9	199	2.8	709	2.9	1764	2.8
The help you received from academic advisers before you were formally admitted to your major	19	2.2	200	2.4	704	2.4	1770	2.4
The help you received from academic advisers in your academic department	19	2.6	201	3.0	712	3.0	1782	3.0
The help you received from your outside-class interactions with faculty/Tas	19	3.3	202	3.0	713	3.0	1781	2.9
Your overall learning experience at the UW	19	3.2	204	3.2	719	3.2	1791	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.	19	3.7	204	3.6	718	3.5	1788	3.5
Students in my program treated each other respectfully - regardless of race, gender, ethnicity, sexuality, or country of origin.	19	3.7	202	3.6	715	3.6	1784	3.5
Classrooms, labs, and other campus spaces were accessible.	19	3.6	204	3.5	718	3.5	1785	3.4
If I had to make my college choice over again, I would choose to attend UW.	19	3.5	204	3.4	718	3.5	1792	3.4

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?	19	3.2	207	3.3	718	3.3	1781	3.3

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Engineer	Tasso, Inc.
Engineer	Moore Fire Protection
Material and Process Engineer	Aerojet Rocketdyne
Test Technician	Modumetal
Head Product Engineer and Research Coordinator	University of Washington
Assistant Language Teacher - JET program	Council of Local Authorities for International Relations (CLAIR)
Clinical Research Associate engineer	NanoString Technologies, Inc.
Product Structure Analyst	Kenworth
Process Support Engineer	Applied Materials

Participating in a Volunteer or Service Program

Organization	Role or job title
AmeriCorps - Neighborhood House	STEM Specialist

Enrolled in Educational Program

Program of study	Institution
Energy Systems	Lehigh University
Master	Columbia University
	University of Washington
MSE	University of Pennsylvania