

## UW Alumni Survey Results 2019-2020 UNDERGRADUATE Degree Recipients

Materials Science  
And Engineering

College Of  
Engineering

All Professional

UW Seattle

### Graduates Surveyed

	N	%	N	%	N	%	N	%
Total	52	100%	907	100%	3181	100%	7880	100%
Women	22	42%	247	27%	1600	50%	4252	54%
Men	30	58%	660	73%	1581	50%	3628	46%
African American	5	10%	31	3%	118	4%	319	4%
American Indian	1	2%	9	1%	37	1%	80	1%
Asian American	12	23%	260	29%	920	29%	2246	29%
Caucasian	22	42%	387	43%	1373	43%	3279	42%
Hawaiian/Pacific Islander	1	2%	7	1%	29	1%	85	1%
Hispanic/Latino	1	2%	42	5%	267	8%	646	8%
Other/Not Indicated	10	19%	171	19%	437	14%	1225	16%
International	9	17%	159	18%	394	12%	1118	14%

### Survey Response Rates

	N	%	N	%	N	%	N	%
Total	24	46%	295	33%	947	30%	2124	27%
Women	10	42%	104	35%	533	56%	1301	61%
Men	14	58%	191	65%	414	44%	823	39%
African American	4	17%	10	3%	39	4%	85	4%
American Indian	0	0%	0	0%	6	1%	16	1%
Asian American	6	25%	88	30%	295	31%	623	29%
Caucasian	12	50%	137	46%	408	43%	957	45%
Hawaiian/Pacific Islander	0	0%	1	0%	8	1%	20	1%
Hispanic/Latino	0	0%	11	4%	83	9%	186	9%
Other/Not Indicated	2	8%	48	16%	108	11%	237	11%
International	1	4%	45	15%	98	10%	211	10%

### Current Status

	N	%	N	%	N	%	N	%
Employed for pay full time	9	38%	165	56%	561	59%	1130	53%
Employed for pay part time	0	0%	12	4%	54	6%	179	8%
Participating in a volunteer or service program	0	0%	1	0%	6	1%	23	1%
Serving in the U.S. military	1	4%	2	1%	4	0%	7	0%
Enrolled in a program of continuing education	8	33%	52	18%	169	18%	370	17%
Planning to continue education	0	0%	4	1%	25	3%	87	4%
Seeking employment	6	25%	46	16%	98	10%	243	11%
Not seeking employment or continuing education	0	0%	5	2%	9	1%	23	1%
Other	0	0%	8	3%	21	2%	62	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	9	100%	159	91%	537	90%	1109	88%
Entrepreneur/self-employed	0	0%	2	1%	6	1%	12	1%
Temporary/contract work assignment	0	0%	11	6%	42	7%	102	8%
Freelance	0	0%	0	0%	2	0%	9	1%
Postgraduate internship or fellowship	0	0%	0	0%	6	1%	17	1%
Other	0	0%	2	1%	5	1%	11	1%

**Career related**

	N	%	N	%	N	%	N	%
Yes	8	89%	159	92%	527	88%	1039	82%
No	1	11%	14	8%	72	12%	223	18%

**Job location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	5	63%	121	72%	451	76%	950	76%
Other Washington	0	0%	9	5%	25	4%	58	5%
Alaska, Idaho, Oregon	0	0%	9	5%	15	3%	26	2%
California, Hawaii	1	13%	11	7%	42	7%	84	7%
Mountain states	1	13%	5	3%	13	2%	24	2%
Central states	0	0%	3	2%	7	1%	16	1%
Eastern states	0	0%	6	4%	22	4%	43	3%
International	1	13%	5	3%	18	3%	43	3%

**Type of employer**

	N	%	N	%	N	%	N	%
For-profit company	6	67%	142	85%	403	70%	810	68%
Non-profit/NGO	0	0%	4	2%	52	9%	124	10%
Government	1	11%	17	10%	103	18%	221	19%
Other	2	22%	4	2%	15	3%	39	3%

**Search time (weeks)**

	N		N		N		N	
	6		121		393		775	
Mean	17.8		14.0		11.6		10.7	
SD	8		11		10		10	
Range	8 28		0 52		0 52		0 52	

**Salary**

	N		N		N		N	
	8		137		442		853	
Mean	64,815		76,836		64,657		61,366	
SD	20,535		22,028		23,557		27,201	
Range	27,000 83,000		18,000 125,000		15,000 143,000		15,000 155,000	

**First year bonus**

	N		N		N		N	
	3		57		154		252	
Mean	5,167		12,083		10,678		13,728	
SD	3,753		12,885		11,890		17,379	
Range	1,500 9,000		1,000 70,000		200 70,000		100 147,000	

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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%	2	33%	13	59%
Other Washington	0	0%	0	0%	1	17%	2	9%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	0	0%
California, Hawaii	0	0%	0	0%	1	17%	2	9%
Mountain states	0	0%	0	0%	0	0%	0	0%
Central states	0	0%	0	0%	1	17%	1	5%
Eastern states	0	0%	0	0%	0	0%	1	5%
International	0	0%	1	100%	1	17%	3	14%

**Serving in the US Military****Service branch**

	N	%	N	%	N	%	N	%
Air Force	0	0%	0	0%	1	25%	1	14%
Army	1	100%	2	100%	2	50%	5	71%
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	14%

**Status**

	N	%	N	%	N	%	N	%
Active duty	0	0%	1	50%	2	50%	5	71%
Reserve	0	0%	0	0%	1	25%	1	14%
National Guard	1	100%	1	50%	1	25%	1	14%

**Enrolled in Educational Program****Degree program**

	N	%	N	%	N	%	N	%
Certificate	0	0%	0	0%	2	1%	9	2%
Associate (AA/AS)	0	0%	0	0%	1	1%	2	1%
Bachelor (BA/BS)	0	0%	0	0%	1	1%	11	3%
Masters (MA/MS) – terminal degree	7	88%	38	75%	124	75%	235	65%
Masters (MA/MS) – leading to doctorate	0	0%	3	6%	13	8%	27	7%
Doctorate (PhD/EdD)	1	13%	10	20%	15	9%	40	11%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	6	4%	27	7%
Other	0	0%	0	0%	0	0%	0	0%

**School location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	7	88%	25	50%	104	64%	195	55%
Other Washington	0	0%	0	0%	1	1%	8	2%
Alaska, Idaho, Oregon	0	0%	0	0%	2	1%	7	2%
California, Hawaii	0	0%	7	14%	14	9%	30	9%
Mountain states	0	0%	2	4%	4	2%	10	3%
Central states	1	13%	3	6%	7	4%	18	5%
Eastern states	0	0%	12	24%	26	16%	64	18%
International	0	0%	1	2%	5	3%	20	6%

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

	N	%	N	%	N	%	N	%
Yes	23	96%	243	86%	814	91%	1832	91%
No	1	4%	40	14%	85	9%	184	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	23	3.3	264	3.3	850	3.3	1912	3.3
Writing effectively	23	2.9	264	2.7	849	2.9	1910	3.0
Speaking effectively about ideas, projects, and plans	23	3.3	263	3.0	847	3.2	1909	3.1
Thinking critically and analytically, defining and solving problems	23	3.3	264	3.4	849	3.4	1909	3.4
Creating something new (for example, art, a performance, an object, ideas, or processes)	23	2.7	263	2.8	847	2.8	1904	2.7
Gathering information, conducting research	23	3.6	263	3.2	845	3.3	1900	3.3
Quantitative reasoning	22	3.5	261	3.4	844	3.2	1898	3.1
Understanding and valuing diverse people and cultures	23	2.9	262	2.9	845	3.2	1898	3.2
Working and learning independently	23	3.1	263	3.3	845	3.4	1898	3.4
Working and learning in a team	23	3.5	263	3.4	847	3.4	1897	3.2
Taking on leadership roles inside or outside of the classroom	23	3.1	263	2.9	845	3.0	1899	2.8
Understanding ethical practice(s) in at least one field	23	3.1	262	2.9	844	3.2	1894	3.1
Using self-reflection and self-assessment to guide next directions	21	2.6	261	2.7	841	3.0	1891	2.9
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	23	3.6	264	3.3	844	3.1	1895	2.9
Developing skills and attitudes that foster lifelong learning	22	2.8	262	3.0	844	3.2	1894	3.1
Developing career interests and habits for success in the workplace	23	2.8	263	2.9	841	3.1	1891	3.0
Understanding more about who you are	22	2.6	261	2.8	842	3.0	1895	3.0
Finding a direction you'd like to pursue	22	3.0	260	2.9	842	3.0	1894	3.0
Understanding and practicing civic engagement, social responsibility	22	2.4	262	2.6	841	2.9	1890	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	21	3.6	246	3.4	782	3.4	1763	3.4
Writing effectively	21	3.5	246	3.2	777	3.3	1748	3.2
Speaking effectively about ideas, projects, and plans	21	3.9	246	3.6	779	3.6	1752	3.6
Thinking critically and analytically, defining and solving problems	21	3.9	246	3.7	776	3.7	1748	3.7
Creating something new (for example, art, a performance, an object, ideas, or processes)	20	3.2	245	3.1	776	3.0	1747	3.0
Gathering information, conducting research	21	3.5	244	3.3	775	3.3	1746	3.2
Quantitative reasoning	21	3.6	242	3.4	772	3.3	1740	3.2
Understanding and valuing diverse people and cultures	20	3.2	243	3.2	770	3.4	1744	3.4
Working and learning independently	20	3.7	242	3.5	773	3.6	1744	3.5
Working and learning in a team	20	3.7	242	3.6	774	3.6	1745	3.6
Taking on leadership roles inside or outside of the classroom	20	3.1	242	3.1	774	3.2	1745	3.2
Understanding ethical practice(s) in at least one field	20	3.2	243	3.2	773	3.3	1740	3.3
Using self-reflection and self-assessment to guide next directions	20	3.3	243	3.2	770	3.3	1743	3.3
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	20	3.7	241	3.3	771	3.3	1740	3.2
Developing skills and attitudes that foster lifelong learning	20	3.3	243	3.3	774	3.5	1742	3.4
Developing career interests and habits for success in the workplace	20	3.6	242	3.4	772	3.5	1739	3.5
Understanding more about who you are	20	3.0	243	3.1	771	3.3	1741	3.3
Finding a direction you'd like to pursue	20	3.6	243	3.4	773	3.5	1745	3.5
Understanding and practicing civic engagement, social responsibility	20	2.9	243	3.0	773	3.2	1745	3.2

**Number of completed faculty-mentored research projects**

	N	%	N	%	N	%	N	%
None	3	14%	72	29%	347	43%	833	46%
One	6	29%	83	33%	234	29%	547	30%
Two	4	19%	54	22%	119	15%	250	14%
Three or more	8	38%	41	16%	98	12%	179	10%

**Number of completed internships**

	N	%	N	%	N	%	N	%
None	11	52%	69	28%	246	31%	768	42%
One	4	19%	102	41%	279	35%	542	30%
Two	4	19%	47	19%	163	20%	319	18%
Three or more	2	10%	32	13%	110	14%	180	10%

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**Number of completed service-learning projects**

	N	%	N	%	N	%	N	%
None	18	86%	192	77%	470	59%	1147	64%
One	3	14%	43	17%	190	24%	403	22%
Two	0	0%	9	4%	78	10%	158	9%
Three or more	0	0%	5	2%	58	7%	98	5%

**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)	6	3.2	98	2.8	261	2.9	552	3.0
Internship(s)	5	3.6	119	3.6	372	3.5	670	3.4
Service-learning project(s)	2	3.0	33	2.6	197	2.9	388	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	21	2.9	246	2.9	783	2.9	1772	2.9
The help you received from academic advisers before you were formally admitted to your major	21	2.2	242	2.3	781	2.4	1783	2.4
The help you received from academic advisers in your academic department	21	2.8	246	3.0	787	3.1	1791	3.1
The help you received from your outside-class interactions with faculty/Tas	21	3.4	246	3.2	786	3.1	1787	3.0
Your overall learning experience at the UW	21	3.0	244	3.0	783	3.1	1771	3.1

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.	20	3.4	246	3.5	787	3.5	1788	3.4
Students in my program treated each other respectfully - regardless of race, gender, ethnicity, sexuality, or country of origin.	20	3.5	247	3.4	790	3.5	1793	3.5
Classrooms, labs, and other campus spaces were accessible.	20	3.4	246	3.4	789	3.4	1790	3.3
If I had to make my college choice over again, I would choose to attend UW.	20	3.2	246	3.2	794	3.3	1798	3.2

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?	20	3.3	248	3.2	781	3.2	1767	3.2

### Current activity roster

#### Employed Full Time or Part time

Job title	Employing organization
Research Engineer	Inoplaztech
System Safety Engineer	Raytheon Technologies
Manufacturing Engineer	Keysight Technologies
Program Manager	AFL Hyperscale
Liason Engineer	Boeing
Mechanical Design Engineer	
Materials and Process Engineer	Boeing
Claims Specialist	Social Security Administration
Supplier Development Engineer	Space Exploration Technologies Corp.

#### Serving in the US military

Rank	Specialty
E5	OCS

#### Enrolled in Educational Program

Program of study	Institution
	University of Washington
	University of Wisconsin-Madison