

**UW Alumni Survey Results**  
**2021-2022 UNDERGRADUATE Degree Recipients**

Materials Science  
And Engineering

College Of  
Engineering

All Professional

UW Seattle

**Graduates Surveyed**

	N	%	N	%	N	%	N	%
Total	63	100%	891	100%	3353	100%	8300	100%
Women	23	37%	277	31%	1780	53%	4681	56%
Men	40	63%	614	69%	1573	47%	3619	44%
African American	2	3%	22	2%	151	5%	347	4%
American Indian	0	0%	4	0%	38	1%	97	1%
Asian American	19	30%	318	36%	1116	33%	2616	32%
Caucasian	27	43%	345	39%	1223	36%	3043	37%
Hawaiian/Pacific Islander	2	3%	10	1%	30	1%	82	1%
Hispanic/Latino	4	6%	46	5%	289	9%	711	9%
Other/Not Indicated	9	14%	146	16%	506	15%	1404	17%
International	9	14%	129	14%	450	13%	1256	15%

**Survey Response Rates**

	N	%	N	%	N	%	N	%
Total	18	29%	193	22%	691	21%	1647	20%
Women	6	33%	52	27%	376	54%	959	58%
Men	12	67%	141	73%	315	46%	688	42%
African American	1	6%	2	1%	34	5%	71	4%
American Indian	0	0%	0	0%	7	1%	17	1%
Asian American	6	33%	73	38%	234	34%	522	32%
Caucasian	7	39%	78	40%	276	40%	669	41%
Hawaiian/Pacific Islander	0	0%	2	1%	5	1%	15	1%
Hispanic/Latino	2	11%	9	5%	63	9%	153	9%
Other/Not Indicated	2	11%	29	15%	72	10%	200	12%
International	2	11%	24	12%	59	9%	169	10%

**Current Status**

	N	%	N	%	N	%	N	%
Employed for pay full time	12	67%	140	73%	455	66%	990	60%
Employed for pay part time	0	0%	1	1%	42	6%	117	7%
Participating in a volunteer or service program	0	0%	0	0%	6	1%	15	1%
Serving in the U.S. military	0	0%	4	2%	6	1%	14	1%
Enrolled in a certificate or degree program	5	28%	35	18%	112	16%	266	16%
Planning to continue education	0	0%	2	1%	16	2%	71	4%
Seeking employment	1	6%	6	3%	41	6%	136	8%
A fellowship	0	0%	0	0%	2	0%	9	1%
Not seeking employment or continuing education	0	0%	5	3%	11	2%	29	2%

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

	N	%	N	%	N	%	N	%
Employee working for a company or organization	11	100%	132	99%	453	96%	980	93%
Entrepreneur/self-employed	0	0%	1	1%	4	1%	9	1%
Temporary/contract work assignment	0	0%	0	0%	6	1%	30	3%
Freelance	0	0%	0	0%	1	0%	6	1%
Postgraduate internship or fellowship	0	0%	0	0%	1	0%	9	1%
Other	0	0%	1	1%	6	1%	17	2%

**Career related**

	N	%	N	%	N	%	N	%
Yes	11	92%	131	98%	424	90%	909	86%
No	1	8%	3	2%	47	10%	143	14%

**Job location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	9	82%	78	60%	324	71%	715	69%
Other Washington	0	0%	10	8%	22	5%	52	5%
Alaska, Idaho, Oregon	0	0%	4	3%	9	2%	15	1%
California, Hawaii	2	18%	16	12%	40	9%	89	9%
Mountain states	0	0%	2	2%	5	1%	8	1%
Central states	0	0%	5	4%	15	3%	30	3%
Eastern states	0	0%	13	10%	34	7%	80	8%
International	0	0%	2	2%	10	2%	43	4%

**Type of employer**

	N	%	N	%	N	%	N	%
For-profit company	10	100%	120	92%	320	71%	658	67%
Non-profit/NGO	0	0%	2	2%	60	13%	130	13%
Government	0	0%	6	5%	55	12%	163	16%
Other	0	0%	2	2%	13	3%	37	4%

**Search time (weeks)**

	N		N		N		N	
	9		107		332		702	
Mean	18.3		12.3		10.3		10.0	
SD	13		10		10		10	
Range	7 50		0 52		0 52		0 52	

**Salary**

	N		N		N		N	
	10		122		371		784	
Mean	82,600		87,973		75,599		71,867	
SD	27,569		23,288		24,968		43,264	
Range	49,000 150,000		35,000 150,000		14,000 150,000		14,000 700,000	

**First year bonus**

	N		N		N		N	
	1		57		156		275	
Mean	10,250		14,325		13,481		15,026	
SD			14,151		14,162		15,804	
Range	10,250 10,250		750 65,000		200 70,000		200 75,000	

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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%	4	33%
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%	2	33%	2	17%
Mountain states	0	0%	0	0%	0	0%	0	0%
Central states	0	0%	0	0%	0	0%	0	0%
Eastern states	0	0%	0	0%	1	17%	1	8%
International	0	0%	0	0%	1	17%	5	42%

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

	N	%	N	%	N	%	N	%
Air Force	0	0%	0	0%	0	0%	1	7%
Army	0	0%	1	25%	1	17%	6	43%
Coast Guard	0	0%	0	0%	0	0%	0	0%
Marine Corps	0	0%	0	0%	0	0%	0	0%
Navy	0	0%	3	75%	5	83%	7	50%

**Status**

	N	%	N	%	N	%	N	%
Active duty	0	0%	4	100%	6	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%	0	0%	2	2%	7	3%
Advanced Certificate	0	0%	0	0%	0	0%	1	0%
Associate (AA/AS)	0	0%	0	0%	0	0%	2	1%
Bachelor (BA/BS)	0	0%	2	6%	3	3%	6	2%
Masters (MA/MS) – terminal degree	4	80%	23	68%	76	71%	160	63%
Masters (MA/MS) – leading to doctorate	0	0%	4	12%	5	5%	19	7%
Doctorate (PhD/EdD)	1	20%	5	15%	16	15%	34	13%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	1	1%	19	7%
Non-Degree Seeking	0	0%	0	0%	2	2%	3	1%
Other	0	0%	0	0%	2	2%	3	1%

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**School location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	4	80%	16	47%	49	47%	109	44%
Other Washington	0	0%	0	0%	2	2%	8	3%
Alaska, Idaho, Oregon	0	0%	1	3%	1	1%	3	1%
California, Hawaii	0	0%	1	3%	9	9%	19	8%
Mountain states	0	0%	0	0%	2	2%	8	3%
Central states	0	0%	3	9%	6	6%	13	5%
Eastern states	1	20%	11	32%	31	30%	68	27%
International	0	0%	2	6%	5	5%	21	8%

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

	N	%	N	%	N	%	N	%
Yes	15	88%	160	89%	584	92%	1377	91%
No	2	12%	19	11%	52	8%	144	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	16	3.2	166	3.3	580	3.3	1405	3.2
Writing effectively	16	2.9	167	2.7	580	2.9	1403	2.9
Speaking effectively about ideas, projects, and plans	16	3.1	166	3.1	581	3.1	1405	3.0
Thinking critically and analytically, defining and solving problems	16	3.3	166	3.4	579	3.3	1402	3.3
Creating something new (for example, art, a performance, an object, ideas, or processes)	16	2.8	166	2.9	580	2.8	1404	2.8
Gathering information, conducting research	16	3.5	167	3.2	582	3.2	1403	3.2
Quantitative reasoning	16	3.3	166	3.3	580	3.1	1402	3.1
Understanding and valuing diverse people and cultures	16	3.2	167	3.0	579	3.2	1401	3.2
Working and learning independently	16	3.6	167	3.4	578	3.4	1398	3.4
Working and learning in a team	16	3.5	167	3.2	580	3.3	1400	3.1
Taking on leadership roles inside or outside of the classroom	16	3.3	167	2.9	578	2.9	1397	2.8
Understanding ethical practice(s) in at least one field	15	3.1	165	3.0	573	3.2	1392	3.1
Using self-reflection and self-assessment to guide next directions	16	3.0	167	2.9	573	3.0	1387	3.0
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	16	3.3	166	3.3	572	3.0	1390	2.9
Developing skills and attitudes that foster lifelong learning	16	2.8	166	3.1	572	3.1	1385	3.1
Developing career interests and habits for success in the workplace	16	2.7	165	3.1	569	3.0	1383	2.9
Understanding more about who you are	16	2.9	166	3.0	570	3.0	1384	3.0
Finding a direction you'd like to pursue	16	2.9	166	3.1	572	3.0	1391	3.0
Understanding and practicing civic engagement, social responsibility	16	2.4	165	2.6	571	2.8	1386	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	14	3.3	153	3.5	528	3.4	1262	3.4
Writing effectively	14	3.3	153	3.2	523	3.2	1256	3.2
Speaking effectively about ideas, projects, and plans	14	3.6	152	3.7	522	3.6	1257	3.5
Thinking critically and analytically, defining and solving problems	14	3.5	152	3.7	522	3.7	1255	3.7
Creating something new (for example, art, a performance, an object, ideas, or processes)	14	3.1	152	3.1	520	3.0	1254	3.0
Gathering information, conducting research	14	3.3	151	3.4	517	3.1	1249	3.2
Quantitative reasoning	14	3.3	152	3.5	519	3.2	1250	3.1
Understanding and valuing diverse people and cultures	14	3.2	152	3.0	515	3.2	1246	3.3
Working and learning independently	14	3.4	152	3.5	516	3.5	1245	3.5
Working and learning in a team	14	3.6	151	3.6	517	3.6	1244	3.6
Taking on leadership roles inside or outside of the classroom	14	3.2	152	3.2	517	3.2	1248	3.1
Understanding ethical practice(s) in at least one field	14	3.2	152	3.1	513	3.2	1244	3.2
Using self-reflection and self-assessment to guide next directions	14	3.5	152	3.3	511	3.3	1240	3.3
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	14	3.3	151	3.5	512	3.3	1237	3.2
Developing skills and attitudes that foster lifelong learning	14	3.6	151	3.5	511	3.4	1240	3.4
Developing career interests and habits for success in the workplace	14	3.4	151	3.6	514	3.5	1240	3.5
Understanding more about who you are	14	3.4	150	3.1	512	3.2	1242	3.2
Finding a direction you'd like to pursue	13	3.0	151	3.3	513	3.4	1243	3.4
Understanding and practicing civic engagement, social responsibility	14	2.9	151	2.9	513	3.1	1243	3.1

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

	N	%	N	%	N	%	N	%
None	0	0%	38	24%	225	42%	650	50%
One	5	38%	58	37%	161	30%	369	29%
Two	6	46%	35	22%	80	15%	164	13%
Three or more	2	15%	25	16%	68	13%	110	9%

**Number of completed internships**

	N	%	N	%	N	%	N	%
None	11	85%	70	45%	199	37%	597	46%
One	2	15%	48	31%	170	32%	366	28%
Two	0	0%	30	19%	95	18%	214	16%
Three or more	0	0%	9	6%	72	13%	121	9%

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**Number of completed service-learning projects**

	N	%	N	%	N	%	N	%
None	10	77%	130	83%	349	65%	917	71%
One	2	15%	22	14%	125	23%	252	19%
Two	0	0%	3	2%	36	7%	80	6%
Three or more	1	8%	2	1%	24	4%	44	3%

**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)	9	2.2	84	3.0	207	2.9	403	2.9
Internship(s)	2	3.5	68	3.5	249	3.4	500	3.4
Service-learning project(s)	2	3.0	17	3.1	124	2.8	244	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	13	2.8	153	3.0	529	2.8	1270	2.7
The help you received from academic advisers before you were formally admitted to your major	13	2.2	152	2.4	528	2.4	1274	2.4
The help you received from academic advisers in your academic department	13	2.9	154	3.0	532	3.0	1281	2.9
The help you received from your outside-class interactions with faculty/Tas	13	2.6	154	3.1	532	3.0	1284	3.0
Your overall learning experience at the UW	13	3.2	154	3.1	533	3.1	1281	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.	13	3.4	154	3.6	530	3.5	1283	3.5
Students in my program treated each other respectfully - regardless of race, gender, ethnicity, sexuality, or country of origin.	13	3.2	153	3.5	530	3.5	1285	3.5
Classrooms, labs, and other campus spaces were accessible.	13	3.0	153	3.4	530	3.2	1279	3.2
If I had to make my college choice over again, I would choose to attend UW.	13	3.2	155	3.4	533	3.3	1294	3.3

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?	13	3.0	149	3.2	521	3.1	1271	3.1

### Current activity roster

#### Employed Full Time or Part time

Job title	Employing organization
Material and Systems Engineer	General Dynamics
Manufacturing Engineer	Boeing
Manufacturing technician	MicroConnex
Materials Engineer	Boeing
Materials Management Specialist	
Inbound Operations Team Lead	Target
Youth director	Ymca
Systems Industrialization Engineer II	ASML
Flammability certification engineer	Boeing
SES engineer	ASML
Materials and Processes Engineer	Blue Origin
Manufacturing Associate	

#### Enrolled in Educational Program

Program of study	Institution
	University of Washington
	University of Washington
Physics	Boston College
Material Science and Engineering	University of Washington
	University of Washington