

UW Alumni Survey Results
2020-2021 UNDERGRADUATE Degree Recipients

Engineering And
Mathematics

All Professional

UW Bothell

Graduates Surveyed

	N	%	N	%	N	%
Total	200	100%	1417	100%	1852	100%
Women	37	19%	674	48%	926	50%
Men	163	82%	743	52%	926	50%
African American	15	8%	101	7%	144	8%
American Indian	2	1%	12	1%	16	1%
Asian American	75	38%	485	34%	595	32%
Caucasian	78	39%	553	39%	710	38%
Hawaiian/Pacific Islander	0	0%	17	1%	23	1%
Hispanic/Latino	12	6%	121	9%	178	10%
Other/Not Indicated	18	9%	128	9%	186	10%
International	18	9%	113	8%	169	9%

Survey Response Rates

	N	%	N	%	N	%
Total	54	27%	287	20%	381	21%
Women	11	20%	141	49%	200	52%
Men	43	80%	146	51%	181	48%
African American	1	2%	15	5%	24	6%
American Indian	1	2%	1	0%	2	1%
Asian American	19	35%	95	33%	123	32%
Caucasian	20	37%	124	43%	156	41%
Hawaiian/Pacific Islander	0	0%	1	0%	1	0%
Hispanic/Latino	5	9%	25	9%	41	11%
Other/Not Indicated	8	15%	26	9%	34	9%
International	8	15%	23	8%	30	8%

Current Status

	N	%	N	%	N	%
Employed for pay full time	33	61%	177	62%	221	58%
Employed for pay part time	1	2%	24	8%	33	9%
Participating in a volunteer or service program	0	0%	3	1%	4	1%
Serving in the U.S. military	0	0%	0	0%	0	0%
Enrolled in a certificate or degree program	7	13%	28	10%	43	11%
Planning to continue education	2	4%	9	3%	11	3%
Seeking employment	11	20%	40	14%	60	16%
A fellowship	0	0%	1	0%	1	0%
Not seeking employment or continuing education	0	0%	5	2%	8	2%

	Engineering And Mathematics		All Professional		UW Bothell	
Type of employment	N	%	N	%	N	%
Employee working for a company or organization	28	88%	174	91%	215	90%
Entrepreneur/self-employed	0	0%	2	1%	3	1%
Temporary/contract work assignment	2	6%	8	4%	11	5%
Freelance	0	0%	1	1%	1	0%
Postgraduate internship or fellowship	2	6%	4	2%	6	3%
Other	0	0%	2	1%	3	1%

Career related

	N	%	N	%	N	%
Yes	30	97%	172	90%	208	87%
No	1	3%	19	10%	32	13%

Job location

	N	%	N	%	N	%
King, Pierce, Snohomish counties	24	80%	137	76%	180	78%
Other Washington	1	3%	10	6%	12	5%
Alaska, Idaho, Oregon	0	0%	4	2%	5	2%
California, Hawaii	1	3%	4	2%	4	2%
Mountain states	0	0%	3	2%	4	2%
Central states	1	3%	4	2%	5	2%
Eastern states	1	3%	6	3%	7	3%
International	2	7%	13	7%	13	6%

Type of employer

	N	%	N	%	N	%
For-profit company	27	93%	128	72%	144	65%
Non-profit/NGO	1	3%	23	13%	35	16%
Government	1	3%	24	14%	34	15%
Other	0	0%	2	1%	8	4%

Search time (weeks)

	N				
	22		107		139
Mean	15.1		11.3		10.9
SD	11		10		9
Range	2 50		0 52		0 52

Salary

	N				
	21		122		154
Mean	74,929		74,292		67,983
SD	17,917		47,333		44,619
Range	35,000 130,000		18,000 500,000		18,000 500,000

First year bonus

	N				
	7		41		50
Mean	29,143		16,878		14,920
SD	56,439		30,526		27,963
Range	200 155,000		100 155,000		100 155,000

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

	N	%	N	%	N	%
King, Pierce, Snohomish counties	0	0%	1	50%	1	50%
Other Washington	0	0%	0	0%	0	0%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%
California, Hawaii	0	0%	1	50%	1	50%
Mountain states	0	0%	0	0%	0	0%
Central states	0	0%	0	0%	0	0%
Eastern states	0	0%	0	0%	0	0%
International	0	0%	0	0%	0	0%

Serving in the US Military**Service branch**

	N	%	N	%	N	%
Air Force	0	0%	0	0%	0	0%
Army	0	0%	0	0%	0	0%
Coast Guard	0	0%	0	0%	0	0%
Marine Corps	0	0%	0	0%	0	0%
Navy	0	0%	0	0%	0	0%

Status

	N	%	N	%	N	%
Active duty	0	0%	0	0%	0	0%
Reserve	0	0%	0	0%	0	0%
National Guard	0	0%	0	0%	0	0%

Enrolled in Educational Program**Degree program**

	N	%	N	%	N	%
Certificate	0	0%	4	15%	6	15%
Advanced Certificate	0	0%	0	0%	0	0%
Associate (AA/AS)	0	0%	0	0%	0	0%
Bachelor (BA/BS)	0	0%	2	8%	2	5%
Masters (MA/MS) – terminal degree	6	100%	10	38%	15	38%
Masters (MA/MS) – leading to doctorate	0	0%	3	12%	6	15%
Doctorate (PhD/EdD)	0	0%	3	12%	3	8%
Professional (JD, MD, DDS, PharmD)	0	0%	4	15%	7	18%
Non-Degree Seeking	0	0%	0	0%	0	0%
Other	0	0%	0	0%	0	0%

School location	Engineering And Mathematics		All Professional		UW Bothell	
	N	%	N	%	N	%
King, Pierce, Snohomish counties	3	50%	11	46%	15	42%
Other Washington	1	17%	3	13%	4	11%
Alaska, Idaho, Oregon	0	0%	3	13%	3	8%
California, Hawaii	0	0%	1	4%	1	3%
Mountain states	0	0%	0	0%	0	0%
Central states	0	0%	0	0%	0	0%
Eastern states	1	17%	4	17%	9	25%
International	1	17%	2	8%	4	11%

	Engineering And Mathematics		All Professional		UW Bothell	
All Respondents						
Authorized to permanently work in the U.S.						
	N	%	N	%	N	%
Yes	41	85%	241	93%	322	93%
No	7	15%	19	7%	24	7%

Amount UW academic program ADVANCED LEARNING

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

	N	Mean	N	Mean	N	Mean
Acquiring deep knowledge in at least one field of study	44	3.3	245	3.3	324	3.2
Writing effectively	45	2.7	244	3.0	322	3.1
Speaking effectively about ideas, projects, and plans	45	3.0	246	3.1	325	3.1
Thinking critically and analytically, defining and solving problems	45	3.4	246	3.3	324	3.3
Creating something new (for example, art, a performance, an object, ideas, or processes)	44	2.8	245	2.8	324	2.9
Gathering information, conducting research	44	3.2	245	3.2	323	3.2
Quantitative reasoning	44	3.4	244	3.2	323	3.1
Understanding and valuing diverse people and cultures	44	2.9	241	3.1	320	3.2
Working and learning independently	44	3.4	244	3.3	322	3.3
Working and learning in a team	45	3.2	246	3.3	325	3.3
Taking on leadership roles inside or outside of the classroom	44	2.8	245	2.9	323	3.0
Understanding ethical practice(s) in at least one field	45	3.0	246	3.2	323	3.2
Using self-reflection and self-assessment to guide next directions	45	2.9	246	3.0	323	3.0
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	44	3.1	244	3.0	322	3.0
Developing skills and attitudes that foster lifelong learning	43	3.1	241	3.1	319	3.1
Developing career interests and habits for success in the workplace	43	3.0	243	3.1	321	3.0
Understanding more about who you are	44	2.7	243	2.9	321	3.0
Finding a direction you'd like to pursue	44	2.7	244	2.9	322	2.9
Understanding and practicing civic engagement, social responsibility	43	2.8	242	2.8	320	2.9

	Engineering And Mathematics		All Professional		UW Bothell	
	N	Mean	N	Mean	N	Mean
IMPORTANCE to current work and life	1=Not at all; 2=Somewhat; 3=Moderately; 4=Very					
Acquiring deep knowledge in at least one field of study	36	3.3	226	3.5	301	3.4
Writing effectively	35	3.2	222	3.2	297	3.3
Speaking effectively about ideas, projects, and plans	35	3.5	221	3.5	295	3.5
Thinking critically and analytically, defining and solving problems	35	3.7	222	3.7	296	3.7
Creating something new (for example, art, a performance, an object, ideas, or processes)	35	3.2	222	3.2	294	3.2
Gathering information, conducting research	35	3.2	220	3.3	293	3.3
Quantitative reasoning	36	3.4	223	3.3	295	3.3
Understanding and valuing diverse people and cultures	35	3.0	220	3.4	293	3.4
Working and learning independently	34	3.5	220	3.6	292	3.5
Working and learning in a team	35	3.5	222	3.6	294	3.5
Taking on leadership roles inside or outside of the classroom	35	3.1	221	3.3	290	3.3
Understanding ethical practice(s) in at least one field	34	3.0	220	3.4	291	3.4
Using self-reflection and self-assessment to guide next directions	35	3.1	222	3.4	293	3.3
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	35	3.3	221	3.4	292	3.3
Developing skills and attitudes that foster lifelong learning	35	3.2	221	3.5	292	3.5
Developing career interests and habits for success in the workplace	35	3.4	220	3.5	292	3.5
Understanding more about who you are	35	3.0	221	3.3	292	3.3
Finding a direction you'd like to pursue	35	3.3	221	3.4	291	3.4
Understanding and practicing civic engagement, social responsibility	36	3.0	222	3.1	293	3.2

Number of completed faculty-mentored research projects

	N	%	N	%	N	%
None	14	36%	93	41%	129	42%
One	15	38%	69	30%	82	27%
Two	6	15%	33	14%	45	15%
Three or more	4	10%	34	15%	48	16%

Number of completed internships

	N	%	N	%	N	%
None	30	77%	151	65%	204	66%
One	6	15%	51	22%	68	22%
Two	3	8%	24	10%	26	8%
Three or more	0	0%	5	2%	9	3%

	Engineering And Mathematics		All Professional		UW Bothell	
Number of completed service-learning projects						
	N	%	N	%	N	%
None	30	77%	152	66%	203	66%
One	5	13%	53	23%	67	22%
Two	2	5%	14	6%	22	7%
Three or more	2	5%	11	5%	14	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
Faculty-sponsored research project(s)	12	3.6	86	3.1	105	3.1
Internship(s)	4	3.3	61	3.5	77	3.5
Service-learning project(s)	3	4.0	52	3.3	67	3.3
Overall UW experience						
1=Poor; 2=Fair; 3=Good; 4=Excellent						
	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	36	2.5	222	2.5	296	2.5
The help you received from academic advisers before you were formally admitted to your major	37	2.6	229	2.7	304	2.8
The help you received from academic advisers in your academic department	38	3.1	230	3.1	305	3.1
The help you received from your outside-class interactions with faculty/Tas	38	3.1	226	3.0	301	3.0
Your overall learning experience at the UW	38	3.2	229	3.2	305	3.2
1=Strongly Disagree; 2=Disagree; 3=Agree; 4=Strongly Agree						
	N	Mean	N	Mean	N	Mean
Faculty and teaching assistants treated students respectfully - regardless of race, gender, ethnicity, sexuality, or country of origin.	38	3.6	230	3.6	304	3.6
Students in my program treated each other respectfully - regardless of race, gender, ethnicity, sexuality, or country of origin.	37	3.7	229	3.6	304	3.6
Classrooms, labs, and other campus spaces were accessible.	37	3.3	229	3.4	304	3.5
If I had to make my college choice over again, I would choose to attend UW.	38	3.2	232	3.4	307	3.4
1=Strongly Dissatisfied; 2= Dissatisfied; 3= Satisfied; 4= Strongly Satisfied						
	N	Mean	N	Mean	N	Mean
How satisfied are you with your overall experience at UW?	37	3.2	221	3.2	294	3.3

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Manufacturing engineer	Boeing
Liaison Engineer	Boeing
Flight Test Engineer	Avian
Real-Time Energy Trader	The Energy Authority
Test Engineer	Thermo Fisher Scientific
Engineer	Jan Scientific Inc
Applications Engineer	Intel
Software QA Engineer	JnD
Test Engineering Intern	
Global product development hardware electrical engineer	GM
Field Engineer Apprentice	GE Healthcare
Embedded Hardware Engineer	PACCAR
Product Quality Engineer	Philips
Controls engineer	Electroimpact
Software engineer	
Electrical Engineer	Puget Sound Naval Shipyard
Junior Software Engineer	
Product Review Engineer	The Boeing Company
Field Test Engineer	Samsung
Test engineer	Fluke Corporation
Software Engineer	Salesforce
Technician	LightScalpel
Cashier/Stocker	Daiso
Manufacturing engineer	
Mechanical Production Engineer 1	Seabird scientific
	bti solution
Weight Engineer	Boeing
Plant Engineer	
Service Tech	Delta Connects
Crew Time Engineer / Console Increment Engineer	
Technology Risk Consultant	Ernst & Young
Contractor	Philips

Enrolled in Educational Program

Program of study	Institution
	The University of Georgia
Aeronautical and Astronautical Engineering	University of Washington
	University of Washington Bothell
	University of Washington Bothell
Electrical and Computer Engineering	Georgia Tech Lorraine
	University of Washington
	University of Washington