

## UW Alumni Survey Results 2022-2023 UNDERGRADUATE Degree Recipients

Engineering And  
Mathematics

All Professional

UW Bothell

### Graduates Surveyed

	N	%	N	%	N	%
Total	145	100%	1262	100%	1645	100%
Women	22	15%	618	49%	861	52%
Men	123	85%	644	51%	784	48%
African American	9	6%	125	10%	160	10%
American Indian	0	0%	10	1%	13	1%
Asian American	65	45%	475	38%	574	35%
Caucasian	54	37%	412	33%	554	34%
Hawaiian/Pacific Islander	1	1%	17	1%	25	2%
Hispanic/Latino	6	4%	113	9%	166	10%
Other/Not Indicated	10	7%	110	9%	153	9%
International	8	6%	82	6%	119	7%

### Survey Response Rates

	N	%	N	%	N	%
Total	27	19%	220	17%	275	17%
Women	5	19%	119	54%	157	57%
Men	22	81%	101	46%	118	43%
African American	2	7%	25	11%	28	10%
American Indian	0	0%	4	2%	4	1%
Asian American	12	44%	76	35%	91	33%
Caucasian	9	33%	75	34%	106	39%
Hawaiian/Pacific Islander	1	4%	4	2%	5	2%
Hispanic/Latino	1	4%	22	10%	26	9%
Other/Not Indicated	2	7%	14	6%	15	5%
International	2	7%	8	4%	9	3%

### Current Status

	N	%	N	%	N	%
Employed for pay full time	22	81%	136	62%	164	60%
Employed for pay part time	1	4%	12	5%	23	8%
Participating in a volunteer or service program	0	0%	3	1%	3	1%
Serving in the U.S. military	0	0%	0	0%	0	0%
Enrolled in a certificate or degree program	1	4%	20	9%	26	9%
Planning to continue education	0	0%	7	3%	8	3%
Seeking employment	3	11%	39	18%	46	17%
A fellowship	0	0%	0	0%	0	0%
Not seeking employment or continuing education	0	0%	3	1%	5	2%

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

	N	%	N	%	N	%
Employee working for a company or organization	22	100%	131	94%	165	93%
Entrepreneur/self-employed	0	0%	1	1%	3	2%
Temporary/contract work assignment	0	0%	7	5%	8	5%
Freelance	0	0%	0	0%	0	0%
Postgraduate internship or fellowship	0	0%	1	1%	1	1%
Other	0	0%	0	0%	0	0%

**Career related**

	N	%	N	%	N	%
Yes	22	96%	127	89%	156	87%
No	1	4%	16	11%	24	13%

**Job location**

	N	%	N	%	N	%
King, Pierce, Snohomish counties	15	71%	125	91%	157	91%
Other Washington	2	10%	6	4%	7	4%
Alaska, Idaho, Oregon	0	0%	1	1%	1	1%
California, Hawaii	1	5%	1	1%	1	1%
Mountain states	1	5%	1	1%	1	1%
Central states	0	0%	0	0%	0	0%
Eastern states	1	5%	1	1%	1	1%
International	1	5%	3	2%	5	3%

**Type of employer**

	N	%	N	%	N	%
For-profit company	15	83%	79	60%	93	57%
Non-profit/NGO	0	0%	15	11%	19	12%
Government	3	17%	34	26%	47	29%
Other	0	0%	3	2%	4	2%

**Search time (weeks)**

	N					
	15		78		96	
Mean	15.1		12.3		11.6	
SD	15		13		13	
Range	0 52		0 52		0 52	

**Salary**

	N					
	16		105		126	
Mean	76,996		69,414		67,338	
SD	13,790		26,776		26,053	
Range	50,000 100,000		25,000 179,000		25,000 179,000	

**First year bonus**

	N					
	5		22		23	
Mean	5,200		15,009		14,574	
SD	3,194		18,391		18,089	
Range	1,000 10,000		1,000 60,000		1,000 60,000	

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

	N	%	N	%	N	%
King, Pierce, Snohomish counties	0	0%	2	100%	2	100%
Other Washington	0	0%	0	0%	0	0%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%
California, Hawaii	0	0%	0	0%	0	0%
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%	0	0%	0	0%
Advanced Certificate	0	0%	0	0%	0	0%
Associate (AA/AS)	0	0%	0	0%	1	4%
Bachelor (BA/BS)	0	0%	3	17%	3	13%
Masters (MA/MS) – terminal degree	0	0%	7	39%	10	42%
Masters (MA/MS) – leading to doctorate	0	0%	0	0%	1	4%
Doctorate (PhD/EdD)	1	100%	1	6%	1	4%
Professional (JD, MD, DDS, PharmD)	0	0%	6	33%	7	29%
Non-Degree Seeking	0	0%	0	0%	0	0%
Other	0	0%	1	6%	1	4%

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**School location**

	N	%	N	%	N	%
King, Pierce, Snohomish counties	0	0%	10	63%	13	59%
Other Washington	0	0%	1	6%	1	5%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%
California, Hawaii	0	0%	0	0%	0	0%
Mountain states	0	0%	1	6%	2	9%
Central states	0	0%	0	0%	0	0%
Eastern states	1	100%	3	19%	5	23%
International	0	0%	1	6%	1	5%

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

	N	%	N	%	N	%
Yes	25	100%	198	98%	250	98%
No	0	0%	5	2%	5	2%

**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	25	3.1	194	3.2	240	3.2
Writing effectively	26	2.9	194	3.1	240	3.1
Speaking effectively about ideas, projects, and plans	25	2.9	194	3.1	240	3.1
Thinking critically and analytically, defining and solving problems	26	3.3	194	3.3	240	3.4
Creating something new (for example, art, a performance, an object, ideas, or processes)	26	2.8	194	2.8	239	2.8
Gathering information, conducting research	26	3.0	195	3.2	241	3.3
Quantitative reasoning	26	3.2	195	3.2	241	3.2
Understanding and valuing diverse people and cultures	26	2.9	194	3.2	240	3.2
Working and learning independently	26	3.2	194	3.4	239	3.4
Working and learning in a team	25	3.4	192	3.3	237	3.4
Taking on leadership roles inside or outside of the classroom	26	2.9	193	2.9	239	3.0
Understanding ethical practice(s) in at least one field	26	3.0	191	3.1	236	3.2
Using self-reflection and self-assessment to guide next directions	26	2.8	192	3.1	238	3.1
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	26	3.0	192	3.0	237	2.9
Developing skills and attitudes that foster lifelong learning	26	3.2	193	3.2	239	3.2
Developing career interests and habits for success in the workplace	26	2.8	191	3.1	237	3.1
Understanding more about who you are	26	2.8	192	2.9	238	2.9
Finding a direction you'd like to pursue	26	2.8	194	3.0	240	3.0
Understanding and practicing civic engagement, social responsibility	26	2.7	193	2.9	239	3.0

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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
Acquiring deep knowledge in at least one field of study	22	3.4	179	3.4	217	3.4
Writing effectively	21	3.6	177	3.3	215	3.3
Speaking effectively about ideas, projects, and plans	22	3.6	180	3.6	218	3.5
Thinking critically and analytically, defining and solving problems	21	3.9	179	3.7	217	3.7
Creating something new (for example, art, a performance, an object, ideas, or processes)	22	3.0	178	3.1	216	3.0
Gathering information, conducting research	22	3.5	177	3.3	215	3.3
Quantitative reasoning	22	3.7	177	3.4	215	3.3
Understanding and valuing diverse people and cultures	22	3.1	178	3.3	216	3.3
Working and learning independently	22	3.6	177	3.5	215	3.5
Working and learning in a team	22	3.7	176	3.6	214	3.6
Taking on leadership roles inside or outside of the classroom	22	3.1	177	3.2	215	3.2
Understanding ethical practice(s) in at least one field	22	3.2	177	3.3	215	3.4
Using self-reflection and self-assessment to guide next directions	22	3.1	177	3.4	215	3.4
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	22	3.5	177	3.3	215	3.3
Developing skills and attitudes that foster lifelong learning	21	3.3	177	3.5	215	3.5
Developing career interests and habits for success in the workplace	22	3.4	178	3.5	216	3.5
Understanding more about who you are	22	3.0	177	3.2	215	3.3
Finding a direction you'd like to pursue	22	3.4	177	3.5	215	3.5
Understanding and practicing civic engagement, social responsibility	22	3.0	178	3.1	216	3.2

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

	N	%	N	%	N	%
None	14	56%	83	45%	97	44%
One	5	20%	62	34%	71	32%
Two	4	16%	21	11%	28	13%
Three or more	2	8%	18	10%	25	11%

**Number of completed internships**

	N	%	N	%	N	%
None	15	60%	106	57%	135	61%
One	6	24%	53	29%	59	27%
Two	4	16%	17	9%	19	9%
Three or more	0	0%	9	5%	9	4%

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**Number of completed service-learning projects**

	N	%	N	%	N	%
None	22	88%	131	71%	154	69%
One	3	12%	39	21%	47	21%
Two	0	0%	10	5%	15	7%
Three or more	0	0%	5	3%	6	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
Faculty-sponsored research project(s)	9	3.4	69	3.2	85	3.2
Internship(s)	10	3.8	64	3.8	69	3.8
Service-learning project(s)	2	3.0	36	3.3	47	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	23	2.3	178	2.5	214	2.5
The help you received from academic advisers before you were formally admitted to your major	23	2.6	180	2.8	217	2.8
The help you received from academic advisers in your academic department	24	3.0	183	3.1	219	3.0
The help you received from your outside-class interactions with faculty/Tas	23	3.2	182	3.0	219	3.0
Your overall learning experience at the UW	24	3.0	180	3.1	215	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.	24	3.8	182	3.6	219	3.6
Students in my program treated each other respectfully - regardless of race, gender, ethnicity, sexuality, or country of origin.	24	3.6	182	3.6	219	3.6
Classrooms, labs, and other campus spaces were accessible.	24	3.6	181	3.6	218	3.6
If I had to make my college choice over again, I would choose to attend UW.	24	3.4	183	3.5	220	3.5

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?	25	3.2	181	3.2	218	3.3

### Current activity roster

#### Employed Full Time or Part time

Job title	Employing organization
Boeing Facilities Mechanical Plant Engineer	Boeing
Substitute	
Software Test Engineer	
High School teacher	
Battery Electric Vehicle Calibration Engineer	Paccar Technical Center
Commissioning technician	
Propulsion Engineer	Boeing
Development Engineer	
Design/Specialty Mechanical Engineer I	Raytheon Technologies
Electronic Technician II	Crane Aerospace and electronics
Mechanical Engineer	
Mechanical Engineer	Baxter
Software engineer	Boeing
Electrical Engineer	
Electrical Engineer	Federal Aviation Administration
Mechanical Engineer	Universal Hydrogen
Lab technician	University of Washington
Assistant Resident Engineer	Port of Seattle
Engineer 1	HNTB
Robotics Technician	Emtech LLC
Mechanical Design Engineer	American Honda Motor Co., Inc.

#### Enrolled in Educational Program

Program of study	Institution
	Georgia Institute of Technology