

UW Alumni Survey Results 2023-2024 UNDERGRADUATE Degree Recipients

	Mechanical Engineering		College Of Engineering		All Professional		UW Seattle	
Graduates Surveyed								
	N	%	N	%	N	%	N	%
Total	185	100%	885	100%	3561	100%	8187	100%
Women	50	27%	253	29%	1935	54%	4643	57%
Men	135	73%	632	71%	1626	46%	3544	43%
African American	4	2%	32	4%	182	5%	385	5%
American Indian	1	1%	5	1%	33	1%	66	1%
Asian American	73	39%	335	38%	1187	33%	2639	32%
Caucasian	76	41%	320	36%	1299	36%	2964	36%
Hawaiian/Pacific Islander	0	0%	4	0%	38	1%	88	1%
Hispanic/Latino	15	8%	63	7%	343	10%	751	9%
Other/Not Indicated	16	9%	126	14%	479	13%	1294	16%
International	16	9%	107	12%	412	12%	1119	14%
Survey Response Rates								
	N	%	N	%	N	%	N	%
Total	32	17%	153	17%	584	16%	1252	15%
Women	13	41%	52	34%	355	61%	767	61%
Men	19	59%	101	66%	229	39%	485	39%
African American	1	3%	6	4%	22	4%	51	4%
American Indian	1	3%	2	1%	5	1%	11	1%
Asian American	12	38%	53	35%	191	33%	396	32%
Caucasian	11	34%	63	41%	240	41%	518	41%
Hawaiian/Pacific Islander	0	0%	0	0%	6	1%	14	1%
Hispanic/Latino	3	9%	11	7%	60	10%	129	10%
Other/Not Indicated	4	13%	18	12%	60	10%	133	11%
International	4	13%	16	10%	48	8%	109	9%
Current Status								
	N	%	N	%	N	%	N	%
Employed for pay full time	17	53%	81	53%	346	59%	682	54%
Employed for pay part time	0	0%	4	3%	38	7%	104	8%
Participating in a volunteer or service program	0	0%	0	0%	3	1%	12	1%
Serving in the U.S. military	0	0%	0	0%	0	0%	3	0%
Enrolled in a certificate or degree program	7	22%	36	24%	106	18%	230	18%
Planning to continue education	0	0%	3	2%	12	2%	56	4%
Seeking employment	8	25%	24	16%	67	11%	139	11%
A fellowship	0	0%	1	1%	3	1%	7	1%
Not seeking employment or continuing education	0	0%	4	3%	9	2%	19	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	15	100%	73	94%	331	92%	661	90%
Entrepreneur/self-employed	0	0%	0	0%	0	0%	5	1%
Temporary/contract work assignment	0	0%	5	6%	20	6%	41	6%
Freelance	0	0%	0	0%	0	0%	3	0%
Postgraduate internship or fellowship	0	0%	0	0%	3	1%	12	2%
Other	0	0%	0	0%	4	1%	9	1%

Career related

	N	%	N	%	N	%	N	%
Yes	15	100%	74	94%	325	90%	628	85%
No	0	0%	5	6%	37	10%	108	15%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	8	53%	44	59%	249	72%	506	71%
Other Washington	3	20%	7	9%	23	7%	43	6%
Alaska, Idaho, Oregon	1	7%	3	4%	5	1%	9	1%
California, Hawaii	2	13%	7	9%	23	7%	51	7%
Mountain states	0	0%	4	5%	6	2%	11	2%
Central states	1	7%	4	5%	13	4%	27	4%
Eastern states	0	0%	3	4%	15	4%	43	6%
International	0	0%	3	4%	12	3%	22	3%

Type of employer

	N	%	N	%	N	%	N	%
For-profit company	12	86%	62	86%	225	67%	428	63%
Non-profit/NGO	0	0%	4	6%	41	12%	80	12%
Government	2	14%	5	7%	61	18%	155	23%
Other	0	0%	1	1%	8	2%	17	3%

Search time (weeks)

	N		N		N		N	
	11		57		224		440	
Mean	16.5		12.0		13.3		12.4	
SD	15		12		13		12	
Range	3 45		0 45		0 52		0 52	

Salary

	N		N		N		N	
	14		61		251		489	
Mean	84,732		86,433		75,860		69,737	
SD	15,022		21,114		23,520		27,115	
Range	68,000 130,000		32,000 150,000		15,000 150,000		11,800 153,000	

First year bonus

	N		N		N		N	
	6		31		95		145	
Mean	17,667		15,597		14,911		16,111	
SD	28,154		18,108		21,899		24,728	
Range	5,000 75,000		1,000 75,000		500 150,000		200 179,000	

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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%	1	33%	4	36%
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%	0	0%	1	9%
Mountain states	0	0%	0	0%	1	33%	1	9%
Central states	0	0%	0	0%	0	0%	0	0%
Eastern states	0	0%	0	0%	0	0%	0	0%
International	0	0%	0	0%	1	33%	5	45%

Serving in the US Military**Service branch**

	N	%	N	%	N	%	N	%
Air Force	0	0%	0	0%	0	0%	1	33%
Army	0	0%	0	0%	0	0%	2	67%
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%	0	0%	0	0%

Status

	N	%	N	%	N	%	N	%
Active duty	0	0%	0	0%	0	0%	3	100%
Reserve	0	0%	0	0%	0	0%	0	0%
National Guard	0	0%	0	0%	0	0%	0	0%

Enrolled in Educational Program**Degree program**

	N	%	N	%	N	%	N	%
Certificate	0	0%	0	0%	1	1%	4	2%
Advanced Certificate	0	0%	0	0%	0	0%	0	0%
Associate (AA/AS)	0	0%	0	0%	0	0%	0	0%
Bachelor (BA/BS)	0	0%	0	0%	3	3%	5	2%
Masters (MA/MS) – terminal degree	2	40%	20	63%	67	68%	133	63%
Masters (MA/MS) – leading to doctorate	1	20%	3	9%	8	8%	19	9%
Doctorate (PhD/EdD)	1	20%	8	25%	15	15%	35	17%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	3	3%	13	6%
Non-Degree Seeking	0	0%	0	0%	0	0%	0	0%
Other	1	20%	1	3%	1	1%	2	1%

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School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	3	60%	18	56%	47	48%	89	43%
Other Washington	0	0%	0	0%	1	1%	4	2%
Alaska, Idaho, Oregon	0	0%	0	0%	1	1%	4	2%
California, Hawaii	1	20%	7	22%	12	12%	29	14%
Mountain states	0	0%	0	0%	1	1%	3	1%
Central states	0	0%	1	3%	4	4%	18	9%
Eastern states	1	20%	6	19%	28	29%	52	25%
International	0	0%	0	0%	4	4%	10	5%

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

	N	%	N	%	N	%	N	%
Yes	25	93%	126	93%	478	92%	1026	92%
No	2	7%	10	7%	42	8%	87	8%

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	26	3.4	129	3.4	473	3.3	1021	3.4
Writing effectively	25	2.6	128	2.7	471	2.9	1019	3.0
Speaking effectively about ideas, projects, and plans	26	3.2	130	3.1	470	3.1	1017	3.1
Thinking critically and analytically, defining and solving problems	26	3.5	129	3.5	471	3.4	1015	3.4
Creating something new (for example, art, a performance, an object, ideas, or processes)	26	3.1	128	3.0	469	2.9	1015	2.8
Gathering information, conducting research	25	3.4	126	3.3	467	3.3	1009	3.3
Quantitative reasoning	26	3.5	128	3.4	470	3.2	1015	3.1
Understanding and valuing diverse people and cultures	26	2.8	128	2.9	469	3.1	1012	3.2
Working and learning independently	26	3.4	128	3.4	470	3.3	1011	3.4
Working and learning in a team	26	3.5	128	3.3	469	3.3	1011	3.2
Taking on leadership roles inside or outside of the classroom	26	2.8	127	3.0	468	3.0	1011	2.8
Understanding ethical practice(s) in at least one field	26	2.5	127	2.8	468	3.1	1008	3.1
Using self-reflection and self-assessment to guide next directions	26	2.7	127	2.9	468	3.0	1009	3.0
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	26	3.3	126	3.2	468	3.1	1008	3.0
Developing skills and attitudes that foster lifelong learning	26	3.0	127	3.1	467	3.2	1007	3.2
Developing career interests and habits for success in the workplace	26	3.0	126	3.0	466	3.1	1005	3.0
Understanding more about who you are	26	2.7	127	2.9	467	3.0	1007	3.1
Finding a direction you'd like to pursue	26	3.0	127	3.1	468	3.1	1008	3.1
Understanding and practicing civic engagement, social responsibility	26	2.5	127	2.5	468	2.8	1008	2.9

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IMPORTANCE to current work and life	N	Mean	N	Mean	N	Mean	N	Mean
Acquiring deep knowledge in at least one field of study	21	3.5	108	3.5	404	3.4	872	3.4
Writing effectively	20	3.2	107	3.3	394	3.3	861	3.3
Speaking effectively about ideas, projects, and plans	21	3.6	108	3.5	399	3.6	864	3.6
Thinking critically and analytically, defining and solving problems	21	3.7	108	3.7	398	3.7	863	3.7
Creating something new (for example, art, a performance, an object, ideas, or processes)	21	3.0	108	3.0	396	3.0	863	3.0
Gathering information, conducting research	21	3.3	107	3.3	395	3.2	860	3.2
Quantitative reasoning	21	3.3	108	3.5	397	3.2	864	3.2
Understanding and valuing diverse people and cultures	21	2.8	107	2.8	397	3.3	863	3.4
Working and learning independently	21	3.6	108	3.5	398	3.5	864	3.6
Working and learning in a team	21	3.5	107	3.6	395	3.6	862	3.6
Taking on leadership roles inside or outside of the classroom	21	2.5	108	3.1	397	3.2	861	3.1
Understanding ethical practice(s) in at least one field	21	3.0	108	3.1	395	3.2	858	3.3
Using self-reflection and self-assessment to guide next directions	21	3.3	108	3.3	394	3.3	858	3.3
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	21	3.5	108	3.4	397	3.3	857	3.2
Developing skills and attitudes that foster lifelong learning	21	3.6	108	3.4	396	3.4	856	3.4
Developing career interests and habits for success in the workplace	21	3.3	108	3.4	394	3.4	852	3.4
Understanding more about who you are	21	3.0	108	3.1	396	3.2	858	3.2
Finding a direction you'd like to pursue	21	3.4	108	3.3	397	3.4	861	3.4
Understanding and practicing civic engagement, social responsibility	21	2.9	108	3.0	397	3.2	860	3.2

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

Number of completed faculty-mentored research projects

	N	%	N	%	N	%	N	%
None	10	43%	47	42%	189	44%	438	48%
One	7	30%	40	35%	130	31%	271	30%
Two	5	22%	18	16%	64	15%	130	14%
Three or more	1	4%	8	7%	42	10%	75	8%

Number of completed internships

	N	%	N	%	N	%	N	%
None	7	30%	35	31%	140	33%	416	45%
One	9	39%	46	40%	141	33%	258	28%
Two	2	9%	23	20%	91	21%	151	17%
Three or more	5	22%	10	9%	54	13%	90	10%

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Number of completed service-learning projects

	N	%	N	%	N	%	N	%
None	18	82%	90	80%	288	68%	652	72%
One	2	9%	19	17%	100	24%	190	21%
Two	1	5%	2	2%	16	4%	38	4%
Three or more	1	5%	1	1%	19	4%	30	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)	8	3.1	36	2.7	147	2.8	288	2.9
Internship(s)	12	3.4	51	3.4	199	3.5	336	3.4
Service-learning project(s)	3	2.7	11	2.9	85	2.9	153	3.0

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	22	2.8	113	2.8	414	3.0	890	2.9
The help you received from academic advisers before you were formally admitted to your major	21	2.5	114	2.4	414	2.5	893	2.5
The help you received from academic advisers in your academic department	22	3.1	115	2.9	419	3.0	903	2.9
The help you received from your outside-class interactions with faculty/Tas	20	3.1	113	3.1	414	3.1	893	3.1
Your overall learning experience at the UW	22	3.2	111	3.2	411	3.2	881	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.	21	3.5	112	3.5	415	3.5	896	3.5
Students in my program treated each other respectfully - regardless of race, gender, ethnicity, sexuality, or country of origin.	21	3.5	111	3.6	414	3.6	897	3.6
Classrooms, labs, and other campus spaces were accessible.	21	3.1	113	3.3	415	3.3	898	3.3
If I had to make my college choice over again, I would choose to attend UW.	22	3.5	114	3.4	420	3.4	903	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?	22	3.3	109	3.3	404	3.2	867	3.2

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Mechanical Engineer	
Manufacturing Engineer	Boeing
Engineer	Intel
Project Engineer	
Structural Analysis Engineer	Boeing
Design Engineer	Stryker
Dynamics Engineer	SpaceX
Machinist	Three Sigma Manufacturing
Mechanical Engineer	Brunswick
Liaison Engineer	Kenworth
Software Engineer	Amazon
Mechanical Engineer	USACE NWS
Transportation Engineer	
Mechanical Engineer	Electroimpact
Stress Analyst	Boeing

Enrolled in Educational Program

Program of study	Institution
Mechanical Engineering - Product Design	UC Berkeley
	University of Washington
Mechanical Engineering	University of Michigan
	University of Washington
Master of Mechanical Engineering	University of Washington