

UW Alumni Survey Results 2020-2021 UNDERGRADUATE Degree Recipients

	Mechanical Engineering		College Of Engineering		All Professional		UW Seattle	
Graduates Surveyed								
	N	%	N	%	N	%	N	%
Total	157	100%	838	100%	3298	100%	8099	100%
Women	28	18%	228	27%	1726	52%	4509	56%
Men	129	82%	610	73%	1572	48%	3590	44%
African American	2	1%	21	3%	139	4%	337	4%
American Indian	1	1%	3	0%	30	1%	89	1%
Asian American	37	24%	235	28%	1039	32%	2430	30%
Caucasian	76	48%	349	42%	1278	39%	3127	39%
Hawaiian/Pacific Islander	2	1%	13	2%	46	1%	101	1%
Hispanic/Latino	14	9%	64	8%	300	9%	685	8%
Other/Not Indicated	25	16%	153	18%	466	14%	1330	16%
International	21	13%	139	17%	422	13%	1212	15%
Survey Response Rates								
	N	%	N	%	N	%	N	%
Total	38	24%	197	24%	812	25%	1872	23%
Women	8	21%	53	27%	437	54%	1087	58%
Men	30	79%	144	73%	375	46%	785	42%
African American	1	3%	4	2%	22	3%	62	3%
American Indian	1	3%	1	1%	4	0%	21	1%
Asian American	16	42%	67	34%	261	32%	564	30%
Caucasian	16	42%	84	43%	333	41%	787	42%
Hawaiian/Pacific Islander	0	0%	4	2%	10	1%	22	1%
Hispanic/Latino	1	3%	12	6%	80	10%	170	9%
Other/Not Indicated	3	8%	25	13%	102	13%	246	13%
International	3	8%	23	12%	91	11%	221	12%
Current Status								
	N	%	N	%	N	%	N	%
Employed for pay full time	25	66%	133	68%	548	67%	1089	58%
Employed for pay part time	1	3%	2	1%	36	4%	138	7%
Participating in a volunteer or service program	0	0%	0	0%	15	2%	22	1%
Serving in the U.S. military	0	0%	1	1%	4	0%	9	0%
Enrolled in a certificate or degree program	5	13%	40	20%	122	15%	327	17%
Planning to continue education	1	3%	3	2%	17	2%	82	4%
Seeking employment	5	13%	13	7%	57	7%	163	9%
A fellowship	0	0%	0	0%	0	0%	6	0%
Not seeking employment or continuing education	1	3%	5	3%	13	2%	36	2%

Mechanical
EngineeringCollege Of
Engineering

All Professional

UW Seattle

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

	N	%	N	%	N	%	N	%
Employee working for a company or organization	23	92%	127	96%	528	94%	1071	91%
Entrepreneur/self-employed	0	0%	0	0%	4	1%	18	2%
Temporary/contract work assignment	2	8%	5	4%	23	4%	55	5%
Freelance	0	0%	0	0%	0	0%	8	1%
Postgraduate internship or fellowship	0	0%	0	0%	5	1%	13	1%
Other	0	0%	0	0%	3	1%	8	1%

Career related

	N	%	N	%	N	%	N	%
Yes	24	96%	129	98%	516	91%	1015	87%
No	1	4%	3	2%	48	9%	158	13%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	15	63%	73	57%	366	67%	766	67%
Other Washington	1	4%	8	6%	29	5%	53	5%
Alaska, Idaho, Oregon	1	4%	3	2%	11	2%	24	2%
California, Hawaii	3	13%	12	9%	45	8%	79	7%
Mountain states	1	4%	4	3%	10	2%	18	2%
Central states	0	0%	8	6%	20	4%	42	4%
Eastern states	2	8%	12	9%	33	6%	72	6%
International	1	4%	7	6%	33	6%	87	8%

Type of employer

	N	%	N	%	N	%	N	%
For-profit company	21	88%	112	87%	387	72%	753	69%
Non-profit/NGO	0	0%	2	2%	52	10%	114	10%
Government	3	13%	14	11%	81	15%	189	17%
Other	0	0%	1	1%	16	3%	37	3%

Search time (weeks)

	N							
	20		107		412		770	
Mean	11.2		12.7		10.8		10.1	
SD	10		13		11		10	
Range	0 32		0 52		0 54		0 54	

Salary

	N							
	20		110		434		815	
Mean	75,910		80,158		69,232		64,560	
SD	15,468		17,463		30,764		34,682	
Range	58,000 118,000		28,000 128,000		11,000 500,000		10,000 500,000	

First year bonus

	N							
	7		41		157		256	
Mean	27,386		16,359		12,728		15,378	
SD	34,415		19,879		16,053		26,886	
Range	3,000 80,000		450 80,000		100 85,000		100 350,000	

Mechanical
EngineeringCollege Of
Engineering

All Professional

UW Seattle

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

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	0	0%	0	0%	7	50%	11	52%
Other Washington	0	0%	0	0%	1	7%	2	10%
Alaska, Idaho, Oregon	0	0%	0	0%	1	7%	1	5%
California, Hawaii	0	0%	0	0%	3	21%	4	19%
Mountain states	0	0%	0	0%	0	0%	0	0%
Central states	0	0%	0	0%	0	0%	1	5%
Eastern states	0	0%	0	0%	0	0%	0	0%
International	0	0%	0	0%	2	14%	2	10%

Serving in the US Military**Service branch**

	N	%	N	%	N	%	N	%
Air Force	0	0%	1	100%	1	25%	5	56%
Army	0	0%	0	0%	2	50%	3	33%
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	11%

Status

	N	%	N	%	N	%	N	%
Active duty	0	0%	1	100%	4	100%	8	89%
Reserve	0	0%	0	0%	0	0%	1	11%
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%	7	2%
Advanced Certificate	0	0%	0	0%	0	0%	0	0%
Associate (AA/AS)	0	0%	0	0%	1	1%	1	0%
Bachelor (BA/BS)	0	0%	0	0%	1	1%	5	2%
Masters (MA/MS) – terminal degree	5	100%	30	75%	90	76%	193	61%
Masters (MA/MS) – leading to doctorate	0	0%	1	3%	9	8%	36	11%
Doctorate (PhD/EdD)	0	0%	6	15%	8	7%	34	11%
Professional (JD, MD, DDS, PharmD)	0	0%	2	5%	6	5%	36	11%
Non-Degree Seeking	0	0%	1	3%	1	1%	1	0%
Other	0	0%	0	0%	1	1%	5	2%

Mechanical
EngineeringCollege Of
Engineering

All Professional

UW Seattle

School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	3	60%	26	65%	59	52%	134	44%
Other Washington	0	0%	0	0%	1	1%	8	3%
Alaska, Idaho, Oregon	0	0%	0	0%	2	2%	6	2%
California, Hawaii	1	20%	5	13%	8	7%	24	8%
Mountain states	0	0%	0	0%	1	1%	11	4%
Central states	0	0%	1	3%	3	3%	18	6%
Eastern states	1	20%	8	20%	34	30%	79	26%
International	0	0%	0	0%	5	4%	25	8%

Mechanical
EngineeringCollege Of
Engineering

All Professional

UW Seattle

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

	N	%	N	%	N	%	N	%
Yes	35	95%	169	89%	689	90%	1558	89%
No	2	5%	21	11%	75	10%	183	11%

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	34	2.9	178	3.2	718	3.2	1642	3.2
Writing effectively	34	2.4	178	2.7	716	2.9	1635	3.0
Speaking effectively about ideas, projects, and plans	34	2.6	176	2.9	710	3.2	1631	3.0
Thinking critically and analytically, defining and solving problems	34	3.3	177	3.4	713	3.4	1634	3.3
Creating something new (for example, art, a performance, an object, ideas, or processes)	34	2.5	177	2.7	714	2.8	1635	2.7
Gathering information, conducting research	34	2.9	176	3.1	710	3.2	1631	3.2
Quantitative reasoning	33	3.1	175	3.3	711	3.1	1631	3.0
Understanding and valuing diverse people and cultures	34	2.5	177	2.7	714	3.1	1629	3.1
Working and learning independently	34	3.4	177	3.3	712	3.3	1632	3.3
Working and learning in a team	34	3.1	176	3.2	711	3.4	1629	3.1
Taking on leadership roles inside or outside of the classroom	34	2.7	177	2.8	710	3.0	1630	2.7
Understanding ethical practice(s) in at least one field	33	2.4	176	2.9	706	3.1	1623	3.0
Using self-reflection and self-assessment to guide next directions	34	2.4	177	2.6	707	3.0	1620	2.9
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	34	3.0	177	3.1	707	3.0	1620	2.8
Developing skills and attitudes that foster lifelong learning	34	2.4	177	2.9	707	3.1	1619	3.1
Developing career interests and habits for success in the workplace	34	2.7	177	2.9	706	3.1	1614	3.0
Understanding more about who you are	32	2.3	175	2.7	705	3.0	1617	3.0
Finding a direction you'd like to pursue	34	2.4	176	2.9	702	3.0	1617	2.9
Understanding and practicing civic engagement, social responsibility	34	2.2	177	2.5	705	2.8	1616	2.8

Mechanical
EngineeringCollege Of
Engineering

All Professional

UW Seattle

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	33	3.2	164	3.4	653	3.4	1481	3.3
Writing effectively	30	2.9	160	3.3	648	3.3	1471	3.2
Speaking effectively about ideas, projects, and plans	31	3.5	161	3.7	649	3.6	1472	3.5
Thinking critically and analytically, defining and solving problems	30	3.6	160	3.8	645	3.7	1466	3.6
Creating something new (for example, art, a performance, an object, ideas, or processes)	31	3.0	160	3.1	645	3.0	1464	3.0
Gathering information, conducting research	30	3.4	158	3.4	643	3.2	1464	3.2
Quantitative reasoning	31	3.4	159	3.5	642	3.2	1463	3.1
Understanding and valuing diverse people and cultures	31	2.8	159	3.0	642	3.2	1461	3.3
Working and learning independently	30	3.3	159	3.5	637	3.5	1459	3.5
Working and learning in a team	31	3.5	159	3.6	638	3.6	1457	3.5
Taking on leadership roles inside or outside of the classroom	31	2.8	159	3.0	639	3.2	1460	3.1
Understanding ethical practice(s) in at least one field	31	2.7	159	3.0	640	3.2	1462	3.3
Using self-reflection and self-assessment to guide next directions	31	2.9	159	3.2	639	3.3	1460	3.3
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	31	3.3	159	3.5	640	3.3	1460	3.1
Developing skills and attitudes that foster lifelong learning	31	3.3	159	3.4	638	3.4	1460	3.4
Developing career interests and habits for success in the workplace	31	3.3	160	3.5	641	3.4	1459	3.4
Understanding more about who you are	31	2.7	160	3.1	640	3.2	1458	3.2
Finding a direction you'd like to pursue	31	3.3	160	3.3	641	3.4	1460	3.4
Understanding and practicing civic engagement, social responsibility	31	2.7	158	2.9	640	3.1	1461	3.1

Number of completed faculty-mentored research projects

	N	%	N	%	N	%	N	%
None	6	19%	57	35%	299	45%	775	51%
One	16	52%	52	32%	187	28%	420	28%
Two	4	13%	26	16%	93	14%	180	12%
Three or more	5	16%	27	17%	84	13%	138	9%

Number of completed internships

	N	%	N	%	N	%	N	%
None	12	39%	54	33%	232	35%	718	47%
One	15	48%	61	38%	219	33%	426	28%
Two	3	10%	30	19%	123	18%	230	15%
Three or more	1	3%	17	10%	92	14%	148	10%

Mechanical
EngineeringCollege Of
Engineering

All Professional

UW Seattle

Number of completed service-learning projects

	N	%	N	%	N	%	N	%
None	27	87%	128	80%	419	64%	1049	69%
One	3	10%	23	14%	145	22%	304	20%
Two	1	3%	5	3%	58	9%	98	6%
Three or more	0	0%	4	3%	37	6%	60	4%

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)	16	3.1	67	2.9	247	2.9	449	2.9
Internship(s)	11	2.7	78	3.4	332	3.4	563	3.3
Service-learning project(s)	3	3.0	21	2.3	156	2.7	279	2.6

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	30	2.9	157	2.9	654	2.9	1483	2.7
The help you received from academic advisers before you were formally admitted to your major	31	2.4	158	2.4	652	2.5	1492	2.4
The help you received from academic advisers in your academic department	30	2.9	160	3.1	655	3.1	1502	3.0
The help you received from your outside-class interactions with faculty/Tas	31	3.0	161	3.1	655	3.0	1497	3.0
Your overall learning experience at the UW	31	2.5	160	2.9	655	3.0	1491	3.0

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.	31	3.6	160	3.6	650	3.5	1493	3.5
Students in my program treated each other respectfully - regardless of race, gender, ethnicity, sexuality, or country of origin.	31	3.6	160	3.6	653	3.5	1499	3.5
Classrooms, labs, and other campus spaces were accessible.	31	3.1	160	3.2	650	3.2	1493	3.1
If I had to make my college choice over again, I would choose to attend UW.	31	3.2	159	3.3	655	3.3	1503	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?	30	2.9	158	3.1	645	3.2	1470	3.1

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Mechanical Design engineer	Tesla
Integration and Test Engineer	SpaceX
Mechanical engineer	Fresh Consulting
Engineer	TSMC
Manufacturing Engineer	Boeing
Mechanical Engineer	Facture Design
CAD Engineer	HCL
Product Owner	Plugable Technologies
Etch Engineer	Intel
Mechanical Engineer	General Motors
General Technologist	University of Washington
Mechanical Engineer	Mainstream Engineering
Industrial engineer	Boeing
Project Engineer	ATS Automation
Associate Mechanical Engineer	Andrews Cooper
Design Engineer	Free point Technologies
Assistant Project Manager	EchoNous Inc.
QA Technician	Magnum Venus Products
Software engineer	Mindtree
Mechanical Design Engineer	Motiv Space Systems
Nuclear engineer	PSNS
Project Manager	CHawk technology
Design engineer 1	Zenovic and Associates
	Zirconia Inc

Enrolled in Educational Program

Program of study	Institution
	University of Rhode Island
Robotics	UW GIX
Mechanical Engineering, Biomechanics	University of Washington
Mechanical Engineering	UW
	University of California San Diego