

UW Alumni Survey Results 2019-2020 UNDERGRADUATE Degree Recipients

Civil And Environmental Engineering College Of Engineering All Professional UW Seattle

Graduates Surveyed								
	N	%	N	%	N	%	N	%
Total	161	100%	907	100%	3181	100%	7880	100%
Women	52	32%	247	27%	1600	50%	4252	54%
Men	109	68%	660	73%	1581	50%	3628	46%
African American	2	1%	31	3%	118	4%	319	4%
American Indian	2	1%	9	1%	37	1%	80	1%
Asian American	45	28%	260	29%	920	29%	2246	29%
Caucasian	96	60%	387	43%	1373	43%	3279	42%
Hawaiian/Pacific Islander	0	0%	7	1%	29	1%	85	1%
Hispanic/Latino	9	6%	42	5%	267	8%	646	8%
Other/Not Indicated	7	4%	171	19%	437	14%	1225	16%
International	5	3%	159	18%	394	12%	1118	14%

Survey Response Rates								
	N	%	N	%	N	%	N	%
Total	42	26%	295	33%	947	30%	2124	27%
Women	16	38%	104	35%	533	56%	1301	61%
Men	26	62%	191	65%	414	44%	823	39%
African American	0	0%	10	3%	39	4%	85	4%
American Indian	0	0%	0	0%	6	1%	16	1%
Asian American	12	29%	88	30%	295	31%	623	29%
Caucasian	27	64%	137	46%	408	43%	957	45%
Hawaiian/Pacific Islander	0	0%	1	0%	8	1%	20	1%
Hispanic/Latino	3	7%	11	4%	83	9%	186	9%
Other/Not Indicated	0	0%	48	16%	108	11%	237	11%
International	0	0%	45	15%	98	10%	211	10%

Current Status								
	N	%	N	%	N	%	N	%
Employed for pay full time	23	55%	165	56%	561	59%	1130	53%
Employed for pay part time	2	5%	12	4%	54	6%	179	8%
Participating in a volunteer or service program	0	0%	1	0%	6	1%	23	1%
Serving in the U.S. military	1	2%	2	1%	4	0%	7	0%
Enrolled in a program of continuing education	10	24%	52	18%	169	18%	370	17%
Planning to continue education	0	0%	4	1%	25	3%	87	4%
Seeking employment	5	12%	46	16%	98	10%	243	11%
Not seeking employment or continuing education	0	0%	5	2%	9	1%	23	1%
Other	1	2%	8	3%	21	2%	62	3%

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

	N	%	N	%	N	%	N	%
Employee working for a company or organization	23	96%	159	91%	537	90%	1109	88%
Entrepreneur/self-employed	0	0%	2	1%	6	1%	12	1%
Temporary/contract work assignment	0	0%	11	6%	42	7%	102	8%
Freelance	0	0%	0	0%	2	0%	9	1%
Postgraduate internship or fellowship	0	0%	0	0%	6	1%	17	1%
Other	1	4%	2	1%	5	1%	11	1%

Career related

	N	%	N	%	N	%	N	%
Yes	22	92%	159	92%	527	88%	1039	82%
No	2	8%	14	8%	72	12%	223	18%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	21	88%	121	72%	451	76%	950	76%
Other Washington	1	4%	9	5%	25	4%	58	5%
Alaska, Idaho, Oregon	0	0%	9	5%	15	3%	26	2%
California, Hawaii	0	0%	11	7%	42	7%	84	7%
Mountain states	1	4%	5	3%	13	2%	24	2%
Central states	0	0%	3	2%	7	1%	16	1%
Eastern states	1	4%	6	4%	22	4%	43	3%
International	0	0%	5	3%	18	3%	43	3%

Type of employer

	N	%	N	%	N	%	N	%
For-profit company	18	78%	142	85%	403	70%	810	68%
Non-profit/NGO	0	0%	4	2%	52	9%	124	10%
Government	5	22%	17	10%	103	18%	221	19%
Other	0	0%	4	2%	15	3%	39	3%

Search time (weeks)

	N		N		N		N	
	17		121		393		775	
Mean	7.4		14.0		11.6		10.7	
SD	6		11		10		10	
Range	1 22		0 52		0 52		0 52	

Salary

	N		N		N		N	
	22		137		442		853	
Mean	63,379		76,836		64,657		61,366	
SD	8,073		22,028		23,557		27,201	
Range	41,600 80,000		18,000 125,000		15,000 143,000		15,000 155,000	

First year bonus

	N		N		N		N	
	2		57		154		252	
Mean	3,500		12,083		10,678		13,728	
SD	707		12,885		11,890		17,379	
Range	3,000 4,000		1,000 70,000		200 70,000		100 147,000	

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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%	13	59%
Other Washington	0	0%	0	0%	1	17%	2	9%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	0	0%
California, Hawaii	0	0%	0	0%	1	17%	2	9%
Mountain states	0	0%	0	0%	0	0%	0	0%
Central states	0	0%	0	0%	1	17%	1	5%
Eastern states	0	0%	0	0%	0	0%	1	5%
International	0	0%	1	100%	1	17%	3	14%

Serving in the US Military**Service branch**

	N	%	N	%	N	%	N	%
Air Force	0	0%	0	0%	1	25%	1	14%
Army	1	100%	2	100%	2	50%	5	71%
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	14%

Status

	N	%	N	%	N	%	N	%
Active duty	1	100%	1	50%	2	50%	5	71%
Reserve	0	0%	0	0%	1	25%	1	14%
National Guard	0	0%	1	50%	1	25%	1	14%

Enrolled in Educational Program**Degree program**

	N	%	N	%	N	%	N	%
Certificate	0	0%	0	0%	2	1%	9	2%
Associate (AA/AS)	0	0%	0	0%	1	1%	2	1%
Bachelor (BA/BS)	0	0%	0	0%	1	1%	11	3%
Masters (MA/MS) – terminal degree	9	90%	38	75%	124	75%	235	65%
Masters (MA/MS) – leading to doctorate	0	0%	3	6%	13	8%	27	7%
Doctorate (PhD/EdD)	1	10%	10	20%	15	9%	40	11%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	6	4%	27	7%
Other	0	0%	0	0%	0	0%	0	0%

School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	4	40%	25	50%	104	64%	195	55%
Other Washington	0	0%	0	0%	1	1%	8	2%
Alaska, Idaho, Oregon	0	0%	0	0%	2	1%	7	2%
California, Hawaii	4	40%	7	14%	14	9%	30	9%
Mountain states	0	0%	2	4%	4	2%	10	3%
Central states	0	0%	3	6%	7	4%	18	5%
Eastern states	2	20%	12	24%	26	16%	64	18%
International	0	0%	1	2%	5	3%	20	6%

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

	N	%	N	%	N	%	N	%
Yes	39	98%	243	86%	814	91%	1832	91%
No	1	3%	40	14%	85	9%	184	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	36	3.3	264	3.3	850	3.3	1912	3.3
Writing effectively	36	2.7	264	2.7	849	2.9	1910	3.0
Speaking effectively about ideas, projects, and plans	36	2.9	263	3.0	847	3.2	1909	3.1
Thinking critically and analytically, defining and solving problems	36	3.5	264	3.4	849	3.4	1909	3.4
Creating something new (for example, art, a performance, an object, ideas, or processes)	36	2.4	263	2.8	847	2.8	1904	2.7
Gathering information, conducting research	36	3.1	263	3.2	845	3.3	1900	3.3
Quantitative reasoning	36	3.4	261	3.4	844	3.2	1898	3.1
Understanding and valuing diverse people and cultures	36	2.7	262	2.9	845	3.2	1898	3.2
Working and learning independently	36	3.4	263	3.3	845	3.4	1898	3.4
Working and learning in a team	35	3.4	263	3.4	847	3.4	1897	3.2
Taking on leadership roles inside or outside of the classroom	36	2.7	263	2.9	845	3.0	1899	2.8
Understanding ethical practice(s) in at least one field	36	3.1	262	2.9	844	3.2	1894	3.1
Using self-reflection and self-assessment to guide next directions	36	2.7	261	2.7	841	3.0	1891	2.9
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	36	2.9	264	3.3	844	3.1	1895	2.9
Developing skills and attitudes that foster lifelong learning	36	2.9	262	3.0	844	3.2	1894	3.1
Developing career interests and habits for success in the workplace	36	2.9	263	2.9	841	3.1	1891	3.0
Understanding more about who you are	36	2.7	261	2.8	842	3.0	1895	3.0
Finding a direction you'd like to pursue	35	2.9	260	2.9	842	3.0	1894	3.0
Understanding and practicing civic engagement, social responsibility	36	2.6	262	2.6	841	2.9	1890	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	32	3.4	246	3.4	782	3.4	1763	3.4
Writing effectively	32	3.2	246	3.2	777	3.3	1748	3.2
Speaking effectively about ideas, projects, and plans	32	3.7	246	3.6	779	3.6	1752	3.6
Thinking critically and analytically, defining and solving problems	32	3.7	246	3.7	776	3.7	1748	3.7
Creating something new (for example, art, a performance, an object, ideas, or processes)	32	2.9	245	3.1	776	3.0	1747	3.0
Gathering information, conducting research	31	3.2	244	3.3	775	3.3	1746	3.2
Quantitative reasoning	29	3.6	242	3.4	772	3.3	1740	3.2
Understanding and valuing diverse people and cultures	31	2.9	243	3.2	770	3.4	1744	3.4
Working and learning independently	30	3.4	242	3.5	773	3.6	1744	3.5
Working and learning in a team	31	3.5	242	3.6	774	3.6	1745	3.6
Taking on leadership roles inside or outside of the classroom	31	3.0	242	3.1	774	3.2	1745	3.2
Understanding ethical practice(s) in at least one field	31	3.2	243	3.2	773	3.3	1740	3.3
Using self-reflection and self-assessment to guide next directions	31	3.4	243	3.2	770	3.3	1743	3.3
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	31	3.3	241	3.3	771	3.3	1740	3.2
Developing skills and attitudes that foster lifelong learning	31	3.2	243	3.3	774	3.5	1742	3.4
Developing career interests and habits for success in the workplace	31	3.2	242	3.4	772	3.5	1739	3.5
Understanding more about who you are	31	2.9	243	3.1	771	3.3	1741	3.3
Finding a direction you'd like to pursue	31	3.4	243	3.4	773	3.5	1745	3.5
Understanding and practicing civic engagement, social responsibility	31	3.0	243	3.0	773	3.2	1745	3.2

Number of completed faculty-mentored research projects

	N	%	N	%	N	%	N	%
None	20	63%	72	29%	347	43%	833	46%
One	7	22%	83	33%	234	29%	547	30%
Two	3	9%	54	22%	119	15%	250	14%
Three or more	2	6%	41	16%	98	12%	179	10%

Number of completed internships

	N	%	N	%	N	%	N	%
None	1	3%	69	28%	246	31%	768	42%
One	18	56%	102	41%	279	35%	542	30%
Two	9	28%	47	19%	163	20%	319	18%
Three or more	4	13%	32	13%	110	14%	180	10%

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Number of completed service-learning projects

	N	%	N	%	N	%	N	%
None	29	91%	192	77%	470	59%	1147	64%
One	1	3%	43	17%	190	24%	403	22%
Two	2	6%	9	4%	78	10%	158	9%
Three or more	0	0%	5	2%	58	7%	98	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	N	Mean
Faculty-sponsored research project(s)	7	3.1	98	2.8	261	2.9	552	3.0
Internship(s)	20	3.6	119	3.6	372	3.5	670	3.4
Service-learning project(s)	3	2.7	33	2.6	197	2.9	388	2.8

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	32	2.9	246	2.9	783	2.9	1772	2.9
The help you received from academic advisers before you were formally admitted to your major	32	2.3	242	2.3	781	2.4	1783	2.4
The help you received from academic advisers in your academic department	32	2.7	246	3.0	787	3.1	1791	3.1
The help you received from your outside-class interactions with faculty/Tas	32	3.1	246	3.2	786	3.1	1787	3.0
Your overall learning experience at the UW	32	3.1	244	3.0	783	3.1	1771	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.	32	3.5	246	3.5	787	3.5	1788	3.4
Students in my program treated each other respectfully - regardless of race, gender, ethnicity, sexuality, or country of origin.	32	3.7	247	3.4	790	3.5	1793	3.5
Classrooms, labs, and other campus spaces were accessible.	32	3.5	246	3.4	789	3.4	1790	3.3
If I had to make my college choice over again, I would choose to attend UW.	32	3.3	246	3.2	794	3.3	1798	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?	32	3.2	248	3.2	781	3.2	1767	3.2

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Structural EIT	Gray and Osborne
Staff Engineer	
Civil Engineering Aide	Seattle Department of Transportation
Cashier	Costco
Engineer 1	Kiewit
Project engineer	Skanska
Engineer-in-Training	Momentum Civil
Project Engineer	DCI Engineers
Civil design engineer	KPG Inc.
Stress Analysis Engineer	Boeing
Field Engineer	Turner Construction
Transportation Engineer	Washington State Department of Transportation
Engineer 1	Kiewit Infrastructure West Co.
Inspector	Krazan & associates
Traffic Engineer I	Parametrix
TA	
	HNTB
Engineer in Training	Gray and Osborne
Transportation Engineer	WSDOT
Office Engineer	Orion Marine Group
Building Performance Engineer	Group 14 Engineering
Structural Engineer	Harriott Valentine Engineers
Transportation Engineer	Washington State Department of Transportation
Nuclear Engineer	PSNS&IMF

Serving in the US military

Rank	Specialty
Second Lieutenant	Engineer Officer

Enrolled in Educational Program

Program of study	Institution
	University of Washington
	University of Washington
Biological Systems Engineering	Virginia Tech
	Stanford University
	UC Berkeley
	University of Washington
	Stanford University
	UW Seattle
Environmental Engineering	Carnegie Mellon University
	University of California, Los Angeles