

UW Alumni Survey Results 2014-2015 UNDERGRADUATE Degree Recipients

	Electrical Engineering		College Of Engineering		All Professional		UW Seattle	
Graduates Surveyed								
	N	%	N	%	N	%	N	%
Total	190	100%	745	100%	2599	100%	7238	100%
Women	44	23%	167	22%	1219	47%	3947	55%
Men	146	77%	578	78%	1380	53%	3291	45%
African American	5	3%	11	1%	84	3%	232	3%
American Indian	3	2%	9	1%	36	1%	101	1%
Asian American	47	25%	186	25%	677	26%	1913	26%
Caucasian	71	37%	361	48%	1285	49%	3393	47%
Hawaiian/Pacific Islander	0	0%	6	1%	22	1%	60	1%
Hispanic/Latino	5	3%	37	5%	170	7%	458	6%
Other/Not Indicated	59	31%	135	18%	325	13%	1081	15%
International	53	28%	122	16%	271	10%	931	13%
Survey Response Rates								
	N	%	N	%	N	%	N	%
Total	62	33%	234	31%	800	31%	2184	30%
Women	13	21%	62	26%	392	49%	1277	58%
Men	49	79%	172	74%	408	51%	907	42%
African American	1	2%	1	0%	22	3%	58	3%
American Indian	3	5%	4	2%	9	1%	29	1%
Asian American	15	24%	62	26%	221	28%	623	29%
Caucasian	28	45%	126	54%	422	53%	1116	51%
Hawaiian/Pacific Islander	0	0%	2	1%	6	1%	17	1%
Hispanic/Latino	3	5%	15	6%	49	6%	131	6%
Other/Not Indicated	12	19%	24	10%	71	9%	210	10%
International	10	16%	22	9%	60	8%	169	8%
Current Status								
	N	%	N	%	N	%	N	%
Employed for pay full time	45	73%	165	71%	592	74%	1330	61%
Employed for pay part time	1	2%	4	2%	33	4%	183	8%
Participating in a volunteer or service program	0	0%	1	0%	8	1%	35	2%
Serving in the U.S. military	1	2%	2	1%	3	0%	12	1%
Enrolled in a program of continuing education	9	15%	36	15%	97	12%	336	15%
Planning to continue education	1	2%	4	2%	10	1%	76	3%
Seeking employment	3	5%	19	8%	41	5%	133	6%
Not seeking employment or continuing education	1	2%	1	0%	5	1%	18	1%
Other	1	2%	2	1%	11	1%	61	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	40	93%	150	94%	549	92%	1287	89%
Entrepreneur/self-employed	0	0%	0	0%	8	1%	28	2%
Temporary/contract work assignment	2	5%	7	4%	26	4%	80	6%
Freelance	0	0%	0	0%	3	1%	11	1%
Postgraduate internship or fellowship	1	2%	3	2%	11	2%	28	2%
Other	0	0%	0	0%	2	0%	14	1%

Career related

	N	%	N	%	N	%	N	%
Yes	41	95%	153	96%	534	89%	1173	81%
No	2	5%	7	4%	66	11%	276	19%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	25	60%	100	63%	405	69%	1033	72%
Other Washington	2	5%	10	6%	28	5%	58	4%
Alaska, Idaho, Oregon	0	0%	4	3%	13	2%	30	2%
California, Hawaii	3	7%	15	9%	54	9%	86	6%
Mountain states	1	2%	5	3%	9	2%	23	2%
Central states	3	7%	6	4%	17	3%	32	2%
Eastern states	3	7%	8	5%	29	5%	64	4%
International	5	12%	10	6%	36	6%	103	7%

Type of employer

	N	%	N	%	N	%	N	%
Private	32	84%	124	85%	389	72%	853	66%
Non-profit/NGO	1	3%	1	1%	46	8%	146	11%
Government	4	11%	14	10%	68	13%	196	15%
Other	1	3%	7	5%	39	7%	107	8%

Search time (weeks)

	N		N		N		N	
	35		129		473		1065	
Mean	10.1		11.8		8.6		7.8	
SD	10		10		9		9	
Range	0 40		0 54		0 54		0 54	

Salary

	N		N		N		N	
	28		110		388		823	
Mean	67,830		67,756		58,575		50,807	
SD	10,690		15,295		20,333		21,906	
Range	48,000 100,000		38,100 108,000		15,000 140,000		12,000 140,000	

First year bonus

	N		N		N		N	
	7		42		122		197	
Mean	5,257		8,962		9,011		10,056	
SD	3,558		7,961		9,166		12,430	
Range	1,300 10,000		1,000 28,000		100 50,000		100 100,000	

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

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	0	0%	1	100%	3	38%	21	62%
Other Washington	0	0%	0	0%	2	25%	2	6%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	1	3%
California, Hawaii	0	0%	0	0%	0	0%	0	0%
Mountain states	0	0%	0	0%	0	0%	1	3%
Central states	0	0%	0	0%	0	0%	1	3%
Eastern states	0	0%	0	0%	2	25%	4	12%
International	0	0%	0	0%	1	13%	4	12%

Serving in the US Military**Service branch**

	N	%	N	%	N	%	N	%
Air Force	1	100%	1	50%	1	33%	2	17%
Army	0	0%	0	0%	0	0%	5	42%
Coast Guard	0	0%	0	0%	0	0%	0	0%
Marine Corps	0	0%	0	0%	0	0%	0	0%
Navy	0	0%	1	50%	2	67%	5	42%

Status

	N	%	N	%	N	%	N	%
Active duty	1	100%	2	100%	3	100%	8	67%
Reserve	0	0%	0	0%	0	0%	4	33%
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%	9	3%
Associate (AA/AS)	0	0%	0	0%	1	1%	5	2%
Bachelor (BA/BS)	0	0%	0	0%	6	6%	13	4%
Masters (MA/MS) – terminal degree	6	67%	24	71%	59	63%	139	44%
Masters (MA/MS) – leading to doctorate	2	22%	2	6%	7	8%	25	8%
Doctorate (PhD/EdD)	1	11%	6	18%	10	11%	37	12%
Professional (JD, MD, DDS, PharmD)	0	0%	2	6%	6	6%	74	23%
Other	0	0%	0	0%	0	0%	0	0%

School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	7	78%	20	59%	60	64%	147	47%
Other Washington	0	0%	0	0%	0	0%	8	3%
Alaska, Idaho, Oregon	0	0%	0	0%	2	2%	8	3%
California, Hawaii	1	11%	5	15%	9	10%	34	11%
Mountain states	0	0%	0	0%	2	2%	16	5%
Central states	0	0%	1	3%	1	1%	17	5%
Eastern states	1	11%	7	21%	15	16%	57	18%
International	0	0%	1	3%	5	5%	24	8%

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

	N	%	N	%	N	%	N	%
Yes	49	86%	199	92%	695	93%	1897	93%
No	8	14%	17	8%	50	7%	141	7%

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	49	3.5	188	3.5	651	3.4	1811	3.4
Writing effectively	49	3.0	187	2.9	652	3.0	1810	3.1
Speaking effectively about ideas, projects, and plans	49	3.1	188	3.1	650	3.2	1802	3.1
Thinking critically and analytically, defining and solving problems	49	3.4	187	3.4	650	3.4	1805	3.4
Creating something new (for example, art, a performance, an object, ideas, or processes)	49	3.0	187	3.0	647	2.9	1802	2.9
Gathering information, conducting research	49	3.3	187	3.3	649	3.3	1803	3.3
Quantitative reasoning	49	3.4	187	3.4	646	3.2	1796	3.1
Understanding and valuing diverse people and cultures	49	2.9	187	2.9	644	3.1	1797	3.2
Working and learning independently	49	3.4	187	3.4	643	3.3	1798	3.4
Working and learning in a team	49	3.4	187	3.4	645	3.4	1792	3.2
Taking on leadership roles inside or outside of the classroom	49	2.9	187	2.9	645	3.1	1797	2.9
Understanding ethical practice(s) in at least one field	49	2.9	187	3.0	645	3.2	1790	3.1
Using self-reflection and self-assessment to guide next directions	49	2.7	187	2.8	644	2.9	1788	3.0
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	48	3.4	186	3.3	645	3.2	1792	3.0
Developing skills and attitudes that foster lifelong learning	48	3.3	186	3.2	646	3.2	1793	3.2
Developing career interests and habits for success in the workplace	48	3.2	186	3.1	644	3.2	1789	3.1
Understanding more about who you are	47	3.1	185	3.0	643	3.1	1791	3.1
Finding a direction you'd like to pursue	47	3.1	185	3.1	644	3.1	1794	3.1
Understanding and practicing civic engagement, social responsibility	48	2.7	186	2.6	645	2.9	1792	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	44	3.5	172	3.5	593	3.5	1652	3.3
Writing effectively	44	3.3	173	3.3	593	3.3	1649	3.3
Speaking effectively about ideas, projects, and plans	42	3.6	170	3.6	588	3.6	1645	3.6
Thinking critically and analytically, defining and solving problems	42	3.8	169	3.7	585	3.7	1641	3.6
Creating something new (for example, art, a performance, an object, ideas, or processes)	42	3.2	168	3.2	587	3.1	1646	3.0
Gathering information, conducting research	42	3.5	167	3.4	584	3.3	1640	3.2
Quantitative reasoning	42	3.5	168	3.4	585	3.3	1636	3.2
Understanding and valuing diverse people and cultures	42	3.1	168	3.0	585	3.2	1642	3.3
Working and learning independently	42	3.6	168	3.5	584	3.5	1641	3.5
Working and learning in a team	42	3.5	168	3.6	584	3.6	1638	3.5
Taking on leadership roles inside or outside of the classroom	42	3.1	166	3.2	582	3.3	1636	3.2
Understanding ethical practice(s) in at least one field	42	3.2	167	3.1	583	3.2	1638	3.2
Using self-reflection and self-assessment to guide next directions	42	3.1	167	3.2	584	3.3	1635	3.3
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	42	3.4	168	3.5	585	3.4	1637	3.2
Developing skills and attitudes that foster lifelong learning	42	3.4	168	3.4	585	3.4	1638	3.4
Developing career interests and habits for success in the workplace	42	3.5	167	3.6	585	3.5	1638	3.5
Understanding more about who you are	43	3.2	169	3.1	586	3.2	1639	3.2
Finding a direction you'd like to pursue	42	3.4	167	3.3	584	3.4	1633	3.4
Understanding and practicing civic engagement, social responsibility	42	3.0	168	3.0	585	3.1	1637	3.1

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

Number of completed faculty-mentored research projects

	N	%	N	%	N	%	N	%
None	8	16%	39	21%	254	40%	780	44%
One	16	33%	50	27%	181	28%	506	29%
Two	18	37%	65	35%	113	18%	288	16%
Three or more	7	14%	34	18%	89	14%	180	10%

Number of completed internships

	N	%	N	%	N	%	N	%
None	20	41%	58	31%	195	31%	792	45%
One	16	33%	79	42%	196	31%	499	28%
Two	12	24%	36	19%	157	25%	301	17%
Three or more	1	2%	15	8%	90	14%	164	9%

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Number of completed service-learning projects

	N	%	N	%	N	%	N	%
None	40	83%	152	82%	372	59%	1084	62%
One	6	13%	24	13%	138	22%	390	22%
Two	1	2%	4	2%	60	9%	151	9%
Three or more	1	2%	5	3%	65	10%	122	7%

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)	28	3.3	102	3.1	289	2.9	651	2.9
Internship(s)	4	2.5	21	2.6	194	2.8	437	2.8
Service-learning project(s)	24	3.6	101	3.4	355	3.5	696	3.4

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	41	2.6	159	2.8	563	3.0	1563	3.0
The help you received from academic advisers before you were formally admitted to your major	26	2.5	101	2.4	384	2.5	1182	2.5
The help you received from academic advisers in your academic department	47	3.0	182	3.1	624	3.1	1722	3.0
The help you received from your outside-class interactions with faculty/TAs	48	3.1	181	3.1	619	3.0	1706	3.0
Your overall learning experience at the UW	49	3.5	184	3.4	630	3.4	1736	3.3

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.	47	3.5	183	3.6	622	3.6	1708	3.5
Students in my program treated each other respectfully, regardless of race, gender, ethnicity, sexuality, or country of origin.	47	3.5	182	3.6	621	3.5	1707	3.5
Classrooms, labs, and other campus spaces were accessible.	47	3.5	184	3.5	619	3.5	1704	3.5
If I had to make my college choice over again, I would choose to attend UW.	48	3.6	188	3.6	631	3.5	1725	3.5

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Electrical Engineer	Electroimpact Paccar
ELECTRICAL ENGINEER	
Edison Engineer	
Engineer	SPAWAR
Associate	The Johns Hopkins University Applied Physics Laboratory
Electrical engineer	CH2M
Equipment Engineer	Boeing
Test Engineer	Rane Corporation
Design Engineer	
Project Engineer	Technical Systems Inc
Electrical Engineer	MarqMetrix
Applications engineer	National Instruments
Software engineer	Boeing
Data Scientist	Jobr
VLDP	
Quality Assurance Engineer	Philips
Hardware engineer	Honeywell Aerospace
project coordinator	
Business Analyst	Deloitte Consulting
software design engineer	
Systems Integration Engineer	
Research Engineer	Philips Healthcare
Electrical Engineer	Electroimpact
Trooper	Washington State Patrol
Electrical Engineer - Project Manager	The Boeing Company
Software Engineer	Microsoft
Software Engineer	Honeywell Aerospace
Software Engineer	Raytheon
Post Bachelor Research Associate	Pacific Northwest National Laboratory
Electrical Engineer	Harris Group
Electrical engineer	Allegro Microsystems
Embedded Systems Engineer	MicroVision
Applications and controls engineer	Mtorres America
Electronics Engineer	
Data Engineer	Upside Commerce
software engineer	
Engineer in Training	Puget Sound Energy
Technical Sales Engineer	Windus

Serving in the US military

Rank	Specialty
O-1	Engineering

Enrolled in Educational Program

Program of study	Institution
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Enrolled in Educational Program

Program of study	Institution
Master Degree	University of Washington
	University of Washington
	University of Washington
	University of Washington
Electrical Engineering	University of Washington
MS Computer Science	Stanford
Electrical Engineering	Columbia University
	University of Washington
Electrical Engineering	University of Washington