UNIVERSITY *of* WASHINGTON
OFFICE OF EDUCATIONAL ASSESSMENT

UW Alumni Survey Results
2015-2016 UNDERGRADUATE Degree Recipients

	Electrical Engineering		College Of Engineering		All Professional		UW Seattle	
Graduates Surveyed								
	N	%	N	%	N	%	N	%
Total	184	100%	754	100%	2719	100%	7526	100%
Women	40	22%	195	26%	1375	51%	4188	56%
Men	144	78%	559	74%	1344	49%	3338	44%
African American	4	2%	9	1%	75	3%	260	3%
American Indian	1	1%	9	1%	32	1%	88	1%
Asian American	62	34%	196	26%	768	28%	2047	27%
Caucasian	69	38%	361	48%	1309	48%	3355	45%
Hawaiian/Pacific Islander	0	0%	4	1%	21	1%	89	1%
Hispanic/Latino	4	2%	33	4%	187	7%	514	7%
Other/Not Indicated	44	24%	142	19%	327	12%	1173	16%
International	41	22%	132	18%	289	11%	1060	14%
Survey Response Rates								
	N	%	N	%	N	%	N	%
Total	60	33%	257	34%	900	33%	2215	29%
Women	15	25%	78	30%	482	54%	1311	59%
Men	45	75%	179	70%	418	46%	904	41%
African American	0	0%	1	0%	13	1%	63	3%
American Indian	0	0%	2	1%	6	1%	17	1%
Asian American	23	38%	74	29%	261	29%	632	29%
Caucasian	25	42%	136	53%	480	53%	1115	50%
Hawaiian/Pacific Islander	0	0%	2	1%	6	1%	23	1%
Hispanic/Latino	2	3%	9	4%	58	6%	150	7%
Other/Not Indicated	10	17%	33	13%	76	8%	215	10%
International	10	17%	32	12%	65	7%	184	8%
Current Status								
	N	%	N	%	N	%	N	%
Employed for pay full time	46	77%	175	68%	608	68%	1280	58%
Employed for pay part time	0	0%	10	4%	53	6%	211	10%
Participating in a volunteer or service program	0	0%	0	0%	19	2%	62	3%
Serving in the U.S. military	1	2%	6	2%	11	1%	14	1%
Enrolled in a program of continuing education	8	13%	32	12%	98	11%	303	14%
Planning to continue education	0	0%	3	1%	16	2%	89	4%
Seeking employment	3	5%	20	8%	65	7%	161	7%
Not seeking employment or continuing education	0	0%	1	0%	5	1%	26	1%
Other	2	3%	10	4%	25	3%	69	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	43	96%	167	95%	592	93%	1287	90%
Entrepreneur/self-employed	0	0%	1	1%	6	1%	20	1%
Temporary/contract work assignment	1	2%	4	2%	29	5%	89	6%
Freelance	0	0%	1	1%	2	0%	5	0%
Postgraduate internship or fellowship	1	2%	1	1%	6	1%	21	1%
Other	0	0%	1	1%	5	1%	15	1%

Career related

	N	%	N	%	N	%	N	%
Yes	43	96%	166	95%	588	93%	1190	83%
No	2	4%	9	5%	47	7%	240	17%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	27	60%	124	71%	475	75%	1083	76%
Other Washington	4	9%	15	9%	31	5%	69	5%
Alaska, Idaho, Oregon	1	2%	2	1%	12	2%	22	2%
California, Hawaii	2	4%	11	6%	43	7%	87	6%
Mountain states	3	7%	5	3%	11	2%	18	1%
Central states	1	2%	3	2%	16	3%	29	2%
Eastern states	4	9%	8	5%	21	3%	48	3%
International	3	7%	7	4%	23	4%	70	5%

Type of employer

	N	%	N	%	N	%	N	%
Private	35	80%	142	85%	429	70%	899	66%
Non-profit/NGO	0	0%	0	0%	53	9%	157	11%
Government	8	18%	23	14%	100	16%	243	18%
Other	1	2%	3	2%	30	5%	67	5%

Search time (weeks)

N		36		131		444		900
Mean		10.0		9.7		8.3		8.3
SD		10		10		9		8
Range	0	52	0	52	0	52	0	52

Salary

N		37		147		495		1006
Mean		73,830		68,622		58,603		52,304
SD		17,605		18,593		19,866		23,578
Range	42,000	127,500	22,000	135,000	12,000	135,000	10,000	180,000

First year bonus

N		11		49		158		262
Mean		9,541		11,920		10,213		11,602
SD		10,814		22,185		16,100		18,459
Range	2,500	40,000	500	120,000	500	120,000	100	125,000

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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%	10	59%	25	42%
Other Washington	0	0%	0	0%	0	0%	2	3%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	1	2%
California, Hawaii	0	0%	0	0%	1	6%	2	3%
Mountain states	0	0%	0	0%	1	6%	2	3%
Central states	0	0%	0	0%	0	0%	1	2%
Eastern states	0	0%	0	0%	0	0%	3	5%
International	0	0%	0	0%	5	29%	23	39%

Serving in the US Military
Service branch

	N	%	N	%	N	%	N	%
Air Force	0	0%	2	33%	2	18%	2	14%
Army	0	0%	1	17%	2	18%	4	29%
Coast Guard	0	0%	0	0%	0	0%	0	0%
Marine Corps	0	0%	0	0%	1	9%	1	7%
Navy	1	100%	3	50%	6	55%	7	50%

Status

	N	%	N	%	N	%	N	%
Active duty	1	100%	6	100%	11	100%	12	86%
Reserve	0	0%	0	0%	0	0%	1	7%
National Guard	0	0%	0	0%	0	0%	1	7%

Enrolled in Educational Program
Degree program

	N	%	N	%	N	%	N	%
Certificate	1	14%	1	3%	2	2%	8	3%
Associate (AA/AS)	0	0%	0	0%	0	0%	3	1%
Bachelor (BA/BS)	0	0%	0	0%	4	4%	10	3%
Masters (MA/MS) – terminal degree	5	71%	21	68%	62	65%	149	51%
Masters (MA/MS) – leading to doctorate	0	0%	5	16%	8	8%	21	7%
Doctorate (PhD/EdD)	1	14%	4	13%	13	14%	45	15%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	6	6%	47	16%
Other	0	0%	0	0%	0	0%	0	0%

School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	4	57%	20	65%	53	56%	125	43%
Other Washington	0	0%	0	0%	7	7%	21	7%
Alaska, Idaho, Oregon	0	0%	0	0%	1	1%	6	2%
California, Hawaii	0	0%	2	6%	7	7%	28	10%
Mountain states	0	0%	0	0%	1	1%	10	3%
Central states	0	0%	1	3%	2	2%	13	4%
Eastern states	2	29%	5	16%	18	19%	67	23%
International	1	14%	3	10%	5	5%	19	7%

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

	N	%	N	%	N	%	N	%
Yes	47	87%	209	89%	783	94%	1913	92%
No	7	13%	25	11%	54	6%	156	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	52	3.4	219	3.4	782	3.4	1941	3.3
Writing effectively	52	2.7	218	2.8	777	3.0	1932	3.0
Speaking effectively about ideas, projects, and plans	51	2.8	218	3.0	780	3.2	1936	3.1
Thinking critically and analytically, defining and solving problems	51	3.5	217	3.5	778	3.4	1934	3.4
Creating something new (for example, art, a performance, an object, ideas, or processes)	52	3.0	218	2.9	779	2.8	1936	2.7
Gathering information, conducting research	52	3.3	218	3.3	778	3.3	1933	3.3
Quantitative reasoning	52	3.4	218	3.4	773	3.2	1930	3.1
Understanding and valuing diverse people and cultures	52	2.7	218	2.7	774	3.0	1924	3.1
Working and learning independently	52	3.6	218	3.4	776	3.4	1930	3.4
Working and learning in a team	52	3.4	217	3.4	774	3.5	1926	3.2
Taking on leadership roles inside or outside of the classroom	52	2.6	216	2.8	775	3.0	1927	2.8
Understanding ethical practice(s) in at least one field	52	2.8	216	3.0	774	3.2	1926	3.0
Using self-reflection and self-assessment to guide next directions	52	2.6	217	2.7	774	2.9	1924	2.9
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	52	3.4	217	3.4	773	3.1	1924	3.0
Developing skills and attitudes that foster lifelong learning	52	3.2	218	3.1	772	3.2	1925	3.2
Developing career interests and habits for success in the workplace	52	2.9	217	3.0	772	3.1	1920	3.0
Understanding more about who you are	52	2.9	217	2.9	770	3.1	1921	3.1
Finding a direction you'd like to pursue	52	2.9	217	3.0	771	3.1	1921	3.1
Understanding and practicing civic engagement, social responsibility	52	2.5	217	2.5	772	2.8	1923	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	48	3.5	196	3.4	706	3.4	1784	3.4
Writing effectively	47	3.2	194	3.3	702	3.4	1776	3.3
Speaking effectively about ideas, projects, and plans	47	3.6	196	3.6	703	3.7	1777	3.6
Thinking critically and analytically, defining and solving problems	47	3.8	196	3.8	703	3.7	1773	3.7
Creating something new (for example, art, a performance, an object, ideas, or processes)	47	3.0	196	3.1	702	3.0	1771	3.0
Gathering information, conducting research	47	3.3	196	3.3	701	3.2	1766	3.2
Quantitative reasoning	46	3.5	194	3.5	697	3.3	1767	3.2
Understanding and valuing diverse people and cultures	47	2.8	196	2.9	702	3.2	1768	3.3
Working and learning independently	47	3.5	196	3.5	701	3.6	1769	3.6
Working and learning in a team	47	3.6	196	3.6	701	3.6	1765	3.5
Taking on leadership roles inside or outside of the classroom	47	2.9	196	3.2	703	3.3	1768	3.2
Understanding ethical practice(s) in at least one field	47	2.7	196	3.2	700	3.3	1763	3.2
Using self-reflection and self-assessment to guide next directions	47	3.1	196	3.2	701	3.4	1768	3.3
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	47	3.6	195	3.4	701	3.4	1766	3.2
Developing skills and attitudes that foster lifelong learning	47	3.2	196	3.4	702	3.5	1765	3.4
Developing career interests and habits for success in the workplace	47	3.3	195	3.4	698	3.5	1759	3.5
Understanding more about who you are	47	2.9	195	3.0	699	3.3	1758	3.3
Finding a direction you'd like to pursue	47	3.1	195	3.3	697	3.5	1759	3.4
Understanding and practicing civic engagement, social responsibility	47	2.7	195	3.0	700	3.2	1764	3.2

Number of completed faculty-mentored research projects

	N	%	N	%	N	%	N	%
None	21	46%	71	37%	330	46%	826	46%
One	11	24%	57	29%	188	26%	513	28%
Two	8	17%	41	21%	108	15%	272	15%
Three or more	6	13%	25	13%	89	12%	201	11%

Number of completed internships

	N	%	N	%	N	%	N	%
None	15	32%	53	27%	211	29%	774	43%
One	15	32%	84	43%	247	34%	552	30%
Two	12	26%	42	21%	145	20%	284	16%
Three or more	5	11%	17	9%	114	16%	200	11%

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Number of completed service-learning projects

	N	%	N	%	N	%	N	%
None	41	87%	159	82%	422	59%	1097	61%
One	6	13%	31	16%	177	25%	441	24%
Two	0	0%	3	2%	65	9%	167	9%
Three or more	0	0%	2	1%	52	7%	105	6%

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)	17	2.6	86	2.8	273	2.8	649	2.9
Internship(s)	28	3.4	113	3.5	384	3.4	739	3.4
Service-learning project(s)	2	2.0	24	2.8	200	2.9	440	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	46	2.5	191	2.7	697	2.9	1773	2.9
The help you received from academic advisers before you were formally admitted to your major	47	2.1	192	2.3	698	2.5	1780	2.5
The help you received from academic advisers in your academic department	47	2.7	194	2.9	704	3.0	1795	3.0
The help you received from your outside-class interactions with faculty/Tas	47	2.8	193	3.0	704	3.0	1792	2.9
Your overall learning experience at the UW	47	3.0	196	3.2	714	3.3	1807	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.	46	3.7	194	3.6	709	3.5	1796	3.5
Students in my program treated each other respectfully - regardless of race, gender, ethnicity, sexuality, or country of origin.	46	3.6	194	3.5	709	3.5	1797	3.5
Classrooms, labs, and other campus spaces were accessible.	46	3.5	195	3.5	709	3.5	1797	3.5
If I had to make my college choice over again, I would choose to attend UW.	46	3.5	195	3.5	710	3.5	1801	3.5

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	3.4	160	3.4	533	3.4	1181	3.4

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Software Engineer	
Electrical Engineering Assistant	Seattle City Light
Electrical engineer	Commonwealth Associates
Junior Electrical Engineer	MicaSense, Inc
Engineer	T-Mobile
Electrical Engineer	Seattle City Light
Embedded Software Engineer	Autoliv
Patent Examiner	USPTO
Barista	Starbucks
electrical engineer	FAA
RF System Performance Engineer	
Test Engineer	Micron Technology
Research scientist	Pacific Northwest National Lab
Electrical Engineer 1	Raytheon
Draftsman	Prairie Electric
ECN Analyst	
Software Engineer	
	Nvidia
Electrical Engineer	PowerStudies Inc.
Software Engineer	
Associate Software Developer	T-Mobile
Research and Development Software Engineer	Keysight Technologies
Software engineer	Midfin systems
Spacecraft Avionics Engineer	Millennium Space Systems
Technical Team	
electrical engineer	The Boeing Company
Software Engineer	Mindtree
Hardware Engineer	
Software Engineer I	Raytheon Applied Signal Technology
Software engineer	
Content Developer	Microsoft
Software Engineer	Qualcomm
Technical Sales Associate	Texas Instruments
Software engineer	Synopsys
Embedded Systems Engineer	
Software Engineer	Discuss
Electrical Engineer, Assistant	
Systems Engineer I	Raytheon
Assistant Electrical Engineer	
Construction laborer	Narum construction
R&D intern	Tune
Electrical Engineer	Boeing
Electrical Engineer	
Scientist and Engineer	Pacific Northwest National Laboratory

Serving in the US military

Rank	Specialty

Enrolled in Educational Program

Program of study	Institution
Computer science	Cornell university
Computer Engineering	Duke University
Electrical Engineering	University of Washington
Computer Science	University of Washington (Bothell)
Electrical Engineering	University of Washington
Mechanical Engineering	University of Washington
Master of Engineering in Electrical and Computer Engineering at Cornell University	Cornell University