

UW Alumni Survey Results 2022-2023 UNDERGRADUATE Degree Recipients

Biological Science

All Professional

UW Bothell

Graduates Surveyed

	N	%	N	%	N	%
Total	124	100%	1262	100%	1645	100%
Women	80	65%	618	49%	861	52%
Men	44	35%	644	51%	784	48%
African American	10	8%	125	10%	160	10%
American Indian	1	1%	10	1%	13	1%
Asian American	42	34%	475	38%	574	35%
Caucasian	51	41%	412	33%	554	34%
Hawaiian/Pacific Islander	3	2%	17	1%	25	2%
Hispanic/Latino	8	6%	113	9%	166	10%
Other/Not Indicated	9	7%	110	9%	153	9%
International	2	2%	82	6%	119	7%

Survey Response Rates

	N	%	N	%	N	%
Total	31	25%	220	17%	275	17%
Women	18	58%	119	54%	157	57%
Men	13	42%	101	46%	118	43%
African American	5	16%	25	11%	28	10%
American Indian	0	0%	4	2%	4	1%
Asian American	7	23%	76	35%	91	33%
Caucasian	12	39%	75	34%	106	39%
Hawaiian/Pacific Islander	2	6%	4	2%	5	2%
Hispanic/Latino	2	6%	22	10%	26	9%
Other/Not Indicated	3	10%	14	6%	15	5%
International	0	0%	8	4%	9	3%

Current Status

	N	%	N	%	N	%
Employed for pay full time	16	52%	136	62%	164	60%
Employed for pay part time	2	6%	12	5%	23	8%
Participating in a volunteer or service program	1	3%	3	1%	3	1%
Serving in the U.S. military	0	0%	0	0%	0	0%
Enrolled in a certificate or degree program	5	16%	20	9%	26	9%
Planning to continue education	5	16%	7	3%	8	3%
Seeking employment	2	6%	39	18%	46	17%
A fellowship	0	0%	0	0%	0	0%
Not seeking employment or continuing education	0	0%	3	1%	5	2%

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

	N	%	N	%	N	%
Employee working for a company or organization	17	100%	131	94%	165	93%
Entrepreneur/self-employed	0	0%	1	1%	3	2%
Temporary/contract work assignment	0	0%	7	5%	8	5%
Freelance	0	0%	0	0%	0	0%
Postgraduate internship or fellowship	0	0%	1	1%	1	1%
Other	0	0%	0	0%	0	0%

Career related

	N	%	N	%	N	%
Yes	17	94%	127	89%	156	87%
No	1	6%	16	11%	24	13%

Job location

	N	%	N	%	N	%
King, Pierce, Snohomish counties	17	100%	125	91%	157	91%
Other Washington	0	0%	6	4%	7	4%
Alaska, Idaho, Oregon	0	0%	1	1%	1	1%
California, Hawaii	0	0%	1	1%	1	1%
Mountain states	0	0%	1	1%	1	1%
Central states	0	0%	0	0%	0	0%
Eastern states	0	0%	1	1%	1	1%
International	0	0%	3	2%	5	3%

Type of employer

	N	%	N	%	N	%
For-profit company	7	41%	79	60%	93	57%
Non-profit/NGO	3	18%	15	11%	19	12%
Government	6	35%	34	26%	47	29%
Other	1	6%	3	2%	4	2%

Search time (weeks)

	N					
	9		78		96	
Mean	4.8		12.3		11.6	
SD	4		13		13	
Range	0 12		0 52		0 52	

Salary

	N					
	12		105		126	
Mean	58,083		69,414		67,338	
SD	25,847		26,776		26,053	
Range	39,000 134,000		25,000 179,000		25,000 179,000	

First year bonus

	N					
	5		22		23	
Mean	6,700		15,009		14,574	
SD	4,604		18,391		18,089	
Range	2,500 13,000		1,000 60,000		1,000 60,000	

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

	N	%	N	%	N	%
King, Pierce, Snohomish counties	1	100%	2	100%	2	100%
Other Washington	0	0%	0	0%	0	0%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%
California, Hawaii	0	0%	0	0%	0	0%
Mountain states	0	0%	0	0%	0	0%
Central states	0	0%	0	0%	0	0%
Eastern states	0	0%	0	0%	0	0%
International	0	0%	0	0%	0	0%

Serving in the US Military**Service branch**

	N	%	N	%	N	%
Air Force	0	0%	0	0%	0	0%
Army	0	0%	0	0%	0	0%
Coast Guard	0	0%	0	0%	0	0%
Marine Corps	0	0%	0	0%	0	0%
Navy	0	0%	0	0%	0	0%

Status

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

Enrolled in Educational Program**Degree program**

	N	%	N	%	N	%
Certificate	0	0%	0	0%	0	0%
Advanced Certificate	0	0%	0	0%	0	0%
Associate (AA/AS)	0	0%	0	0%	1	4%
Bachelor (BA/BS)	0	0%	3	17%	3	13%
Masters (MA/MS) – terminal degree	0	0%	7	39%	10	42%
Masters (MA/MS) – leading to doctorate	0	0%	0	0%	1	4%
Doctorate (PhD/EdD)	0	0%	1	6%	1	4%
Professional (JD, MD, DDS, PharmD)	4	100%	6	33%	7	29%
Non-Degree Seeking	0	0%	0	0%	0	0%
Other	0	0%	1	6%	1	4%

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School location

	N	%	N	%	N	%
King, Pierce, Snohomish counties	3	100%	10	63%	13	59%
Other Washington	0	0%	1	6%	1	5%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%
California, Hawaii	0	0%	0	0%	0	0%
Mountain states	0	0%	1	6%	2	9%
Central states	0	0%	0	0%	0	0%
Eastern states	0	0%	3	19%	5	23%
International	0	0%	1	6%	1	5%

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

	N	%	N	%	N	%
Yes	27	100%	198	98%	250	98%
No	0	0%	5	2%	5	2%

Amount UW academic program ADVANCED LEARNING

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

	N	Mean	N	Mean	N	Mean
Acquiring deep knowledge in at least one field of study	27	3.6	194	3.2	240	3.2
Writing effectively	26	3.3	194	3.1	240	3.1
Speaking effectively about ideas, projects, and plans	27	3.2	194	3.1	240	3.1
Thinking critically and analytically, defining and solving problems	27	3.5	194	3.3	240	3.4
Creating something new (for example, art, a performance, an object, ideas, or processes)	27	2.7	194	2.8	239	2.8
Gathering information, conducting research	27	3.5	195	3.2	241	3.3
Quantitative reasoning	27	3.5	195	3.2	241	3.2
Understanding and valuing diverse people and cultures	27	3.2	194	3.2	240	3.2
Working and learning independently	27	3.5	194	3.4	239	3.4
Working and learning in a team	27	3.4	192	3.3	237	3.4
Taking on leadership roles inside or outside of the classroom	27	2.9	193	2.9	239	3.0
Understanding ethical practice(s) in at least one field	26	3.2	191	3.1	236	3.2
Using self-reflection and self-assessment to guide next directions	27	3.1	192	3.1	238	3.1
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	27	3.1	192	3.0	237	2.9
Developing skills and attitudes that foster lifelong learning	27	3.3	193	3.2	239	3.2
Developing career interests and habits for success in the workplace	26	3.3	191	3.1	237	3.1
Understanding more about who you are	26	3.0	192	2.9	238	2.9
Finding a direction you'd like to pursue	27	3.2	194	3.0	240	3.0
Understanding and practicing civic engagement, social responsibility	27	3.0	193	2.9	239	3.0

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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
Acquiring deep knowledge in at least one field of study	24	3.5	179	3.4	217	3.4
Writing effectively	24	3.4	177	3.3	215	3.3
Speaking effectively about ideas, projects, and plans	24	3.8	180	3.6	218	3.5
Thinking critically and analytically, defining and solving problems	24	3.7	179	3.7	217	3.7
Creating something new (for example, art, a performance, an object, ideas, or processes)	24	3.2	178	3.1	216	3.0
Gathering information, conducting research	24	3.5	177	3.3	215	3.3
Quantitative reasoning	24	3.7	177	3.4	215	3.3
Understanding and valuing diverse people and cultures	24	3.4	178	3.3	216	3.3
Working and learning independently	24	3.7	177	3.5	215	3.5
Working and learning in a team	24	3.7	176	3.6	214	3.6
Taking on leadership roles inside or outside of the classroom	24	3.3	177	3.2	215	3.2
Understanding ethical practice(s) in at least one field	24	3.6	177	3.3	215	3.4
Using self-reflection and self-assessment to guide next directions	24	3.3	177	3.4	215	3.4
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	24	3.4	177	3.3	215	3.3
Developing skills and attitudes that foster lifelong learning	24	3.5	177	3.5	215	3.5
Developing career interests and habits for success in the workplace	24	3.5	178	3.5	216	3.5
Understanding more about who you are	24	3.4	177	3.2	215	3.3
Finding a direction you'd like to pursue	24	3.6	177	3.5	215	3.5
Understanding and practicing civic engagement, social responsibility	24	3.3	178	3.1	216	3.2

Number of completed faculty-mentored research projects

	N	%	N	%	N	%
None	3	13%	83	45%	97	44%
One	13	54%	62	34%	71	32%
Two	5	21%	21	11%	28	13%
Three or more	3	13%	18	10%	25	11%

Number of completed internships

	N	%	N	%	N	%
None	17	71%	106	57%	135	61%
One	3	13%	53	29%	59	27%
Two	4	17%	17	9%	19	9%
Three or more	0	0%	9	5%	9	4%

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Number of completed service-learning projects

	N	%	N	%	N	%
None	19	79%	131	71%	154	69%
One	2	8%	39	21%	47	21%
Two	1	4%	10	5%	15	7%
Three or more	2	8%	5	3%	6	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
Faculty-sponsored research project(s)	14	2.9	69	3.2	85	3.2
Internship(s)	5	4.0	64	3.8	69	3.8
Service-learning project(s)	3	3.3	36	3.3	47	3.3

Overall UW experience

1=Poor; 2=Fair; 3=Good; 4=Excellent

	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	23	2.8	178	2.5	214	2.5
The help you received from academic advisers before you were formally admitted to your major	23	3.1	180	2.8	217	2.8
The help you received from academic advisers in your academic department	24	3.4	183	3.1	219	3.0
The help you received from your outside-class interactions with faculty/Tas	24	3.1	182	3.0	219	3.0
Your overall learning experience at the UW	24	3.5	180	3.1	215	3.2

1=Strongly Disagree; 2=Disagree; 3=Agree; 4=Strongly Agree

	N	Mean	N	Mean	N	Mean
Faculty and teaching assistants treated students respectfully - regardless of race, gender, ethnicity, sexuality, or country of origin.	24	3.8	182	3.6	219	3.6
Students in my program treated each other respectfully - regardless of race, gender, ethnicity, sexuality, or country of origin.	24	3.6	182	3.6	219	3.6
Classrooms, labs, and other campus spaces were accessible.	23	3.6	181	3.6	218	3.6
If I had to make my college choice over again, I would choose to attend UW.	24	3.7	183	3.5	220	3.5

1=Strongly Dissatisfied; 2= Dissatisfied; 3= Satisfied; 4= Strongly Satisfied

	N	Mean	N	Mean	N	Mean
How satisfied are you with your overall experience at UW?	24	3.5	181	3.2	218	3.3

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Research Associate	Shape Therapeutics
Retail associate	Bevmo
Research Technician	Pacific Northwest Research Institute
Avionics engineer	Boeing
Manufacturing Associate 1	Lyell Immunopharma
Medical Assistant	Swedish
Research Scientist	UW Medicine
Lab assistant	Cellnetix Pathology
Habitat Technician	Sound Salmon Solutions
Research Scientist	University of Washington Medical Center
Clinical Lab Technician	University of Washington Medical Center
Registered Dental Assistant	Thrive Kids Dentistry
Research Scientist	University of Washington
Research associate	
Fitness instructor	Orangetheory
Manufacturing associate	
Medical assistant	
Oligonucleotide Manufacturing Technician	Cepheid

Participating in a Volunteer or Service Program

Organization	Role or job title
AmeriCorps	Birth Doula

Enrolled in Educational Program

Program of study	Institution
	University of Washington
Pharmacy	UWSOP
	University of Washington