

Fall 2014

Undergraduate High Demand Science Student Characteristics

Fall quarter demographic profiles for **degree-seeking** undergraduates as compared to students enrolled in high demand sciences*

Overview

Total Degree-seeking Undergraduates	3802
Subset High Demand Science Students	971
% of students enrolled in HD	26%

Residency Status

		Number Percent	
WA Resident	All UG	2836	75%
	HD SCI	763	79%
Non-Resident	All UG	966	25%
	HD SCI	208	21%

Community College Transfer

		Number Percent	
CC Transfer Student	All UG	1592	42%
	HD SCI	433	45%
Not CC Transfer Student	All UG	2210	58%
	HD SCI	538	55%

First-Generation Baccalaureate

		Number Percent	
First-Generation	All UG	1228	32%
	HD SCI	320	33%
Not First-Generation	All UG	2574	68%
	HD SCI	651	67%

Age Group

		Number Percent	
Traditional Age (17-23)	All UG	2342	62%
	HD SCI	560	58%
Non-Traditional Age (24+)	All UG	1460	38%
	HD SCI	411	42%

Gender

		Number Percent	
Female	All UG	2063	54%
	HD SCI	510	53%
Male	All UG	1739	46%
	HD SCI	461	47%

Federal Poverty Status

		Number Percent	
Below Federal Poverty	All UG	1730	46%
	HD SCI	467	48%
Not Below Poverty or no FAFSA	All UG	2072	54%
	HD SCI	504	52%

Federal Low Income

		Number Percent	
(\leq 150% federal poverty level)			
Federal Low Income	All UG	1941	51%
	HD SCI	518	53%
Not Low Income or no FAFSA	All UG	1861	49%
	HD SCI	453	47%

Reported Disability

		Number Percent	
Reported Disability	All UG	348	9%
	HD SCI	92	9%
No Reported Disability	All UG	3454	91%
	HD SCI	879	91%

NOT mutually exclusive, multi-racial students captured in each category)

		Number Percent	
African-American/Black	All UG	336	9%
	HD SCI	46	5%
Asian	All UG	211	6%
	HD SCI	55	6%
Hispanic/Latino	All UG	297	8%
	HD SCI	57	6%
American Indian/Alaskan Native	All UG	222	6%
	HD SCI	38	4%
Pacific Islander/Native Hawaiian	All UG	43	1%
	HD SCI	10	1%
White	All UG	2863	75%
	HD SCI	779	80%
Not indicated	All UG	346	9%
	HD SCI	93	10%

Race/Ethnicity (v.2 Mutually exclusive categories)

		Number Percent	
Hispanic, of Any Race	All UG	297	8%
	HD SCI	57	6%
African-Amer/Black, Non-hispanic	All UG	210	6%
	HD SCI	27	3%
American Indian, Non-hispanic	All UG	83	2%
	HD SCI	13	1%
Asian, Non-hispanic	All UG	89	2%
	HD SCI	31	3%
Pacific Islander, Non-hispanic	All UG	12	0%
	HD SCI	2	0%
White, Non-hispanic	All UG	2478	65%
	HD SCI	690	71%
Multi-Racial, Non-hispanic	All UG	287	8%
	HD SCI	58	6%
Unknown Race/Ethnicity	All UG	346	9%
	HD SCI	93	10%

Students of Color

		Number Percent	
Students of Color	All UG	978	26%
	HD SCI	188	19%
White/Non-Indicated Students	All UG	2824	74%
	HD SCI	783	81%

Veteran Status

		Number Percent	
Veteran	All UG	187	5%
	HD SCI	52	5%
Non-Veteran	All UG	3615	95%
	HD SCI	919	95%

Average Entrance GPA

		GPA	Number
Average High School GPA	All UG	2.97	1956
	HD SCI	3.03	464
Average Prior College GPA	All UG	3.02	2461
	HD SCI	3.04	691

*High demand Sciences as established May 2011 with passage of E2SB 1795: Agriculture/Natural Resources, Biology and Biomedical Sciences, Computer and Information Sciences, Engineering and Engineering Technologies, Health Professions and Clinical Sciences, Mathematics and Statistics, Physical Sciences and Technologies. Degree-seeking undergraduates enrolled in ANY high-demand science class in Fall 2014 are included in demographic analysis.

Fall 2013 to Fall 2014 Retention Rates

retention adjusted for graduation: all degree-seeking undergraduates compared to degree-seeking students enrolled in high-demand science*

Retention comparison	UG	HD SCI
Number of Students enrolled Fall 13	4017	1152
Overall Retention to Fall 14	80%	81%
Nontraditional Age (24+)	82%	81%
Students of Color	78%	79%
Females	81%	82%
Males	79%	80%
First-Generation	81%	84%
Below Federal Poverty	82%	85%
Federal Low-Income	81%	85%
Reported Disability	81%	81%
Veteran	76%	82%

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