

Fall 2011

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	4371
Subset High Demand Science Students	1073
% of students enrolled in HD Science	25%

Residency Status

		Number	Percent
WA Resident	All UG	3238	74%
	HD SCI	815	76%
Non-Resident	All UG	1133	26%
	HD SCI	258	24%

Community College Transfer

		Number	Percent
CC Transfer Student	All UG	1734	40%
	HD SCI	439	41%
Not CC Transfer Student	All UG	2637	60%
	HD SCI	634	59%

First-Generation Baccalaureate

		Number	Percent
First-Generation	All UG	1301	30%
	HD SCI	296	28%
Not First-Generation	All UG	3070	70%
	HD SCI	777	72%

Age Group

		Number	Percent
Traditional Age (17-23)	All UG	2726	62%
	HD SCI	632	59%
Non-Traditional Age (24+)	All UG	1645	38%
	HD SCI	441	41%

Gender

		Number	Percent
Female	All UG	2363	54%
	HD SCI	533	50%
Male	All UG	2008	46%
	HD SCI	540	50%

Federal Poverty Status

		Number	Percent
Below Federal Poverty	All UG	1819	42%
	HD SCI	474	44%
Not Below Poverty or no FAFSA	All UG	2552	58%
	HD SCI	599	56%

Federal Low Income

(≤150% federal poverty level)

		Number	Percent
Federal Low Income	All UG	2076	47%
	HD SCI	533	50%
Not Low Income or no FAFSA	All UG	2295	53%
	HD SCI	540	50%

Reported Disability

		Number	Percent
Reported Disability	All UG	304	7%
	HD SCI	86	8%
No Reported Disability	All UG	4067	93%
	HD SCI	987	92%

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

		Number	Percent
African-American/Black	All UG	293	7%
	HD SCI	59	5%
Asian	All UG	225	5%
	HD SCI	52	5%
Hispanic/Latino	All UG	284	6%
	HD SCI	59	5%
American Indian/Alaskan Native	All UG	215	5%
	HD SCI	45	4%
Pacific Islander/Native Hawaiian	All UG	25	1%
	HD SCI	4	0%
White	All UG	3325	76%
	HD SCI	834	78%
Not indicated	All UG	431	10%
	HD SCI	119	11%

Race/Ethnicity (v.2 Mutually exclusive categories)

		Number	Percent
Hispanic, of Any Race	All UG	284	6%
	HD SCI	59	5%
African-Amer/Black, Non-hispanic	All UG	201	5%
	HD SCI	39	4%
American Indian, Non-hispanic	All UG	94	2%
	HD SCI	13	1%
Asian, Non-hispanic	All UG	118	3%
	HD SCI	30	3%
Pacific Islander, Non-hispanic	All UG	13	0%
	HD SCI	2	0%
White, Non-hispanic	All UG	2990	68%
	HD SCI	758	71%
Multi-Racial, Non-hispanic	All UG	240	5%
	HD SCI	53	5%
Unknown Race/Ethnicity	All UG	431	10%
	HD SCI	119	11%

Students of Color

		Number	Percent
Students of Color	All UG	950	22%
	HD SCI	196	18%
White/Non-Indicated Students	All UG	3421	78%
	HD SCI	877	82%

Veteran Status

		Number	Percent
Veteran	All UG	137	3%
	HD SCI	45	4%
Non-Veteran	All UG	4234	97%
	HD SCI	1028	96%

Average Entrance GPA

		GPA	Number
Average High School GPA	All UG	3.04	2247
	HD SCI	3.08	520
Average Prior College GPA	All UG	3.04	2856
	HD SCI	3.03	751

*High demand Sciences as established May 2011 with passage of E2SB 1795: students enrolled in any fall classes or independent study in the areas of 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.

Fall 2010 to fall 2011 Retention

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	4314	1214
Overall Retention	81%	82%
Nontraditional Age (24+)	82%	82%
Students of Color	79%	82%
Females	82%	84%
Males	80%	80%
First-Generation	82%	83%
Below Federal Poverty	83%	83%
Federal Low-Income	83%	84%
Reported Disability	76%	78%
Veteran	75%	70%

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