

Fall 2012

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	4121
Subset High Demand Science Students	1261
% of students enrolled in HD Science	31%

Residency Status

		Number	Percent
WA Resident	All UG	3085	75%
	HD SCI	959	76%
Non-Resident	All UG	1036	25%
	HD SCI	302	24%

Community College Transfer

		Number	Percent
CC Transfer Student	All UG	1689	41%
	HD SCI	517	41%
Not CC Transfer Student	All UG	2432	59%
	HD SCI	744	59%

First-Generation Baccalaureate

		Number	Percent
First-Generation	All UG	1242	30%
	HD SCI	333	26%
Not First-Generation	All UG	2879	70%
	HD SCI	928	74%

Age Group

		Number	Percent
Traditional Age (17-23)	All UG	2560	62%
	HD SCI	766	61%
Non-Traditional Age (24+)	All UG	1561	38%
	HD SCI	495	39%

Gender

		Number	Percent
Female	All UG	2211	54%
	HD SCI	645	51%
Male	All UG	1910	46%
	HD SCI	616	49%

Federal Poverty Status

		Number	Percent
Below Federal Poverty	All UG	1665	40%
	HD SCI	506	40%
Not Below Poverty or no FAFSA	All UG	2456	60%
	HD SCI	755	60%

Federal Low Income

(≤150% federal poverty level)

		Number	Percent
Federal Low Income	All UG	1924	47%
	HD SCI	596	47%
Not Low Income or no FAFSA	All UG	2197	53%
	HD SCI	665	53%

Reported Disability

		Number	Percent
Reported Disability	All UG	282	7%
	HD SCI	82	7%
No Reported Disability	All UG	3839	93%
	HD SCI	1179	93%

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

		Number	Percent
African-American/Black	All UG	308	7%
	HD SCI	69	5%
Asian	All UG	243	6%
	HD SCI	80	6%
Hispanic/Latino	All UG	272	7%
	HD SCI	70	6%
American Indian/Alaskan Native	All UG	200	5%
	HD SCI	39	3%
Pacific Islander/Native Hawaiian	All UG	34	1%
	HD SCI	6	0%
White	All UG	3131	76%
	HD SCI	998	79%
Not indicated	All UG	398	10%
	HD SCI	140	11%

Race/Ethnicity (v.2 Mutually exclusive categories)

		Number	Percent
Hispanic, of Any Race	All UG	272	7%
	HD SCI	70	6%
African-Amer/Black, Non-hispanic	All UG	199	5%
	HD SCI	45	4%
American Indian, Non-hispanic	All UG	83	2%
	HD SCI	12	1%
Asian, Non-hispanic	All UG	115	3%
	HD SCI	36	3%
Pacific Islander, Non-hispanic	All UG	18	0%
	HD SCI	3	0%
White, Non-hispanic	All UG	2776	67%
	HD SCI	886	70%
Multi-Racial, Non-hispanic	All UG	262	6%
	HD SCI	70	6%
Unknown Race/Ethnicity	All UG	396	10%
	HD SCI	139	11%

Students of Color

		Number	Percent
Students of Color	All UG	949	23%
	HD SCI	236	19%
White/Non-Indicated Students	All UG	3172	77%
	HD SCI	1025	81%

Veteran Status

		Number	Percent
Veteran	All UG	146	4%
	HD SCI	51	4%
Non-Veteran	All UG	3975	96%
	HD SCI	1210	96%

Average Entrance GPA

		GPA	Number
Average High School GPA	All UG	3.01	2113
	HD SCI	3.07	629
Average Prior College GPA	All UG	3.02	2667
	HD SCI	3.04	836

*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, Engineer

Fall 2011 to Fall 2012 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 11	4371	1073
Overall Retention to Fall 12	81%	80%
Nontraditional Age (24+)	81%	81%
Students of Color	80%	80%
Females	82%	83%
Males	79%	77%
First-Generation	81%	81%
Below Federal Poverty	82%	82%
Federal Low-Income	82%	82%
Reported Disability	79%	77%
Veteran	84%	87%

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