

# De Anza College Office of Institutional Research and Planning

**To:** Jeff Schinske, Biology Professor

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**Subject:** Success and Demographics in BIOL6A and BIOL6C

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Success rates for BIOL6A in fall 2011, 2012, and 2013 were requested as well as success rates in BIOL6C in spring 2012, 2013 and 2014. Success is A, B, C, and P grades, Non Success are D, F, and NP and Withdraw are W grades. Demographic information including gender and ethnicity for each course over the three years was also included. Enrollment in basic skills courses were also included, basic skills includes EWRT, ESL, LART, READ, and MATH courses at the 200 level.

## **Biology 6A – Three Previous Fall Quarters**

### *Gender*

	Students	Percent
Female	369	55%
Male	308	45%
Total	677	100%

- 55% of BIOL6A students over three fall terms are female while 45% are male.

### *Ethnicity*

	Students	Percent
African American	17	3%
Asian	465	69%
Decline to State	21	3%
Filipino	28	4%
Latino/a	58	9%
Native American	1	0%
Pacific Islander	1	0%
White	86	13%
Total	677	100%

- 69% of students identify as Asian, followed by 13% White, and 9% Latino. Only 3% of students identify as African American, 4% Filipino and only 1 student identified as Pacific Islander.

*Basic Skills Enrollment*

	Enrollments	Percent
Basic Skills	1,138	21%
Non Basic Skills	4,203	79%
Total	5,341	100%

Note: Includes all courses enrolled at DA over the students' history for students enrolled in BIOL6A in the past 3 fall terms.

- 21% of students enrolled in a basic skills course while 79% did not take a basic skills course in their academic history.

*Success Rates*

Success		Non Success		Withdraw		Total	
Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
364	54%	156	23%	151	23%	671	100%

- Success rates for students enrolled in BIOL6A over three fall terms was 54% while non success was 23% and withdrawal rates were 23%.

*Success Rates by Gender*

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	198	54%	79	21%	91	25%	368	100%
Male	166	55%	72	24%	65	21%	303	100%
Total	364	54%	151	23%	156	23%	671	100%

- Success rates for female students were 54% while success rates for males were 55%. Withdrawal rates for female students were higher than for males, 35% compared to 21%.

### Success Rates by Ethnicity

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	10	63%	1	6%	5	31%	16	100%
Asian	245	53%	101	22%	114	25%	460	100%
Decline to State	12	57%	6	29%	3	14%	21	100%
Filipino	8	29%	10	36%	10	36%	28	100%
Latino/a	29	50%	13	22%	16	28%	58	100%
Native American	1	100%					1	100%
Pacific Islander					1	100%	1	100%
White	59	69%	20	23%	7	8%	86	100%
Total	364	54%	151	23%	156	23%	671	100%

- Success rates for African American students were the highest at 63% though the sample size is small out of a total of 16 students. This group also had high withdrawal rates at 31%.
- Filipino students had a success rate of 29% with a withdrawal and non success rate of 36%.
- The one Pacific Islander student did not pass the course.
- Asian students exhibited a success rate of 53%, White students were 69% and students who declined to state their ethnicity were 57%.

### Biology 6C – Past Three Spring Quarters

#### Gender

	Students	Percent
Female	181	56%
Male	145	44%
Total	326	100%

- 56% of BIOL6C students over three spring terms are female while 44% are male. The split is very similar to BIOL6A students.
- 677 students enrolled in BIOL6A over three terms, while 326 or 48% enrolled in BIOL6C over 3 spring terms.

### *Ethnicity*

	Students	Percent
African American	5	2%
Asian	239	73%
Decline to State	14	4%
Filipino	6	2%
Latino/a	13	4%
Native American	1	0%
White	48	15%
Total	326	100%

- 73% of students in 6C identify as Asian compared to 69% in 6A, followed by 15% White compared to 13% in 6A, and 4% as Latino compared to 9% in 6A. 2% of students identified as African American compared to 3% in 6A, 2% of students identified as Filipino compared to 4% in 6A.

### *Basic Skills Enrollment*

	Enrollments	Percent
Basic Skills	401	17%
Non Basic Skills	2,021	83%
Total	2,422	100%

Note: Includes all courses enrolled at DA over the students' history for students enrolled in BIOL6C in the past 3 spring terms.

- 17% of students enrolled in a basic skills course while 83% did not take a basic skills course in their academic history. The basic skills rate for 6C students is lower than the rate of those enrolled in 6A, which was 23%.

### *Success Rates*

Success		Non Success		Withdraw		Total	
Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
316	98%	2	1%	6	2%	324	100%

- Success rates for students enrolled in BIOL6C over three spring terms was 98%, which appears that all students who enroll in BIOL6C pass the course. This is a large contrast from the 54% success rate for students in BIOL6A.

*Success Rates by Gender*

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	176	98%			4	2%	180	100%
Male	140	97%	2	1%	2	1%	144	100%
Total	316	98%	2	1%	6	2%	324	100%

- Success rates for female students was 94% while success rates for males was 97%.

*Success Rates by Ethnicity*

			Success		Non Success		Withdraw		Total	
			Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
BIOL	D006C	African American	5	100%					5	100%
BIOL	D006C	Asian	230	97%	2	1%	5	2%	237	100%
BIOL	D006C	Decline to State	14	100%					14	100%
BIOL	D006C	Filipino	6	100%					6	100%
BIOL	D006C	Latino/a	13	100%					13	100%
BIOL	D006C	Native American	1	100%					1	100%
BIOL	D006C	White	47	98%			1	2%	48	100%
BIOL	D006C	Total	316	98%	2	1%	6	2%	324	100%

- Success rates by ethnicity did not vary much as all but 8 students out of 324 passed the course. However, it should be noted that all African American, Filipino and Latino students passed the course.