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**Subject:** Success in BIOL 40A Based on Success in BIOL 11

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Table 1 displays all students who passed BIOL 11 in fall 2009 (137) who then enrolled in any BIOL course in winter 2010, spring 2010, fall 2010, winter 2011 or spring 2011.

- 1. Of the students who passed BIOL 11, what is their success rate in other BIOL courses?**
- 2. If students pass BIOL 11 before taking 40A, are they more successful in 40A?**
  - 16 (unduplicated) of the 137 (12%) students went on to take another BIOL course.
  - Only 2 students went on to take BIOL 40A, both students were successful in the course.
  - The majority of students who were successful in BIOL 11 were successful in the next BIOL course.
  - For the terms tracked here, it does not seem that students take BIOL 11 as a pathway straight to BIOL 40A, but rather to a variety of BIOL courses.
  - Overall, students who start in BIOL 11 and pass are successful in the next BIOL course they take.

**Table 1. Success in a BIOL course based on BIOL 11 Success**

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
BIOLD006A	3	50%	1	17%	2	33%	6	100%
BIOLD006B	2	100%					2	100%
BIOLD010.	5	100%					5	100%
BIOLD013.	1	100%					1	100%
BIOLD026.	1	100%					1	100%
BIOLD040A	2	100%					2	100%
BIOLD040B	2	67%	1	33%			3	100%
BIOLD040C	2	100%					2	100%
BIOLD054H	1	100%					1	100%
BIOLD054I	2	100%					2	100%
BIOLD054J	2	100%					2	100%
Total	23	85%	2	7%	2	7%	27	100%

Table 2 displays all students who passed BIOL 40A in fall 2009 (152) who then enrolled in any BIOL course in winter 2010, spring 2010, fall 2010, winter 2011 or spring 2011.

**3. Of the students that passed BIOL 40A, what is their success rate in other BIOL courses?**

- 134 (unduplicated) of the 152 (88%) students who passed BIOL 40A took another BIOL course.
- Students who passed BIOL 40A were largely successful in another BIOL course.
- Students who pass BIOL 40A are largely successful in the next BIOL course they take, which is mainly BIOL 40B and 40C.

**Table 2. Success in a BIOL course based on BIOL 40A Success**

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
BIOLD006A	2	100%					2	100%
BIOLD006B	3	75%			1	25%	4	100%
BIOLD006C	1	100%					1	100%
BIOLD010.	2	100%					2	100%
BIOLD026.	49	82%	6	10%	5	8%	60	100%
BIOLD040B	121	87%	9	6%	9	6%	139	100%
BIOLD040C	98	86%	9	8%	7	6%	114	100%
BIOLD045.	31	94%			2	6%	33	100%
BIOLD077.	1	100%					1	100%
BIOLD077X	2	67%			1	33%	3	100%
Total	310	86%	24	7%	25	7%	359	100%

Table 3 displays all students who did not pass BIOL 40A in fall 2009 (65) who then enrolled in any BIOL course in winter 2010, spring 2010, fall 2010, winter 2011 or spring 2011.

**4. Of the students who did not pass BIOL 40A, what BIOL course did they take after not passing and what was their success rate?**

**5. Did they enroll in BIOL 11 after not passing 40A?**

- 29 (unduplicated) of the 65 (45%) students who did not pass BIOL 40A took another BIOL course.
- 26 students re-took BIOL 40A, 14 (54%) passed, 7 (28%) did not pass and 5 (19%) withdrew.
- 1 student enrolled in BIOL 11 after not passing BIOL 40A, this student was not successful.
- It does not appear that the students who do not pass BIOL 40A go back and take BIOL 11. Rather they tend to repeat BIOL 40A but have a success rate of 54% when they repeat it.

**Table 3. Success in a BIOL course based on Non Success in BIOL 40A**

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
BIOLD006B	1	33%	2	67%			3	100%
BIOLD006C			1	100%			1	100%
BIOLD010.	4	80%			1	20%	5	100%
BIOLD011.			1	100%			1	100%
BIOLD013.					1	100%	1	100%
BIOLD026.	4	80%	1	20%			5	100%
BIOLD040A	14	54%	7	27%	5	19%	26	100%
BIOLD040B	9	64%	2	14%	3	21%	14	100%
BIOLD040C	7	88%	1	13%			8	100%
BIOLD045.	1	100%					1	100%
Total	40	62%	15	23%	10	15%	65	100%