Overall Project Objectives

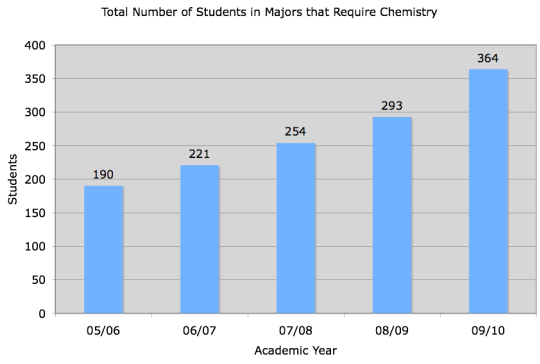
Stonehill and Massasoit seek to achieve the following objectives through its STEP program:

1. Attract 37 more students per year, by year five, to Stonehill's science majors that require chemistry
2. Reduce average Stonehill attrition rates in these sciences from 47% to 23%.
3. Increase science transfer track enrollments at Massasoit by 35 students.
4. Increase the number of traditionally underrepresented students in STEM degree programs at Stonehill by 24.
5. Increase the number of graduates with these majors by 20 in year five with an ultimate goal of 49 more graduates per year.

Intermediate Objectives

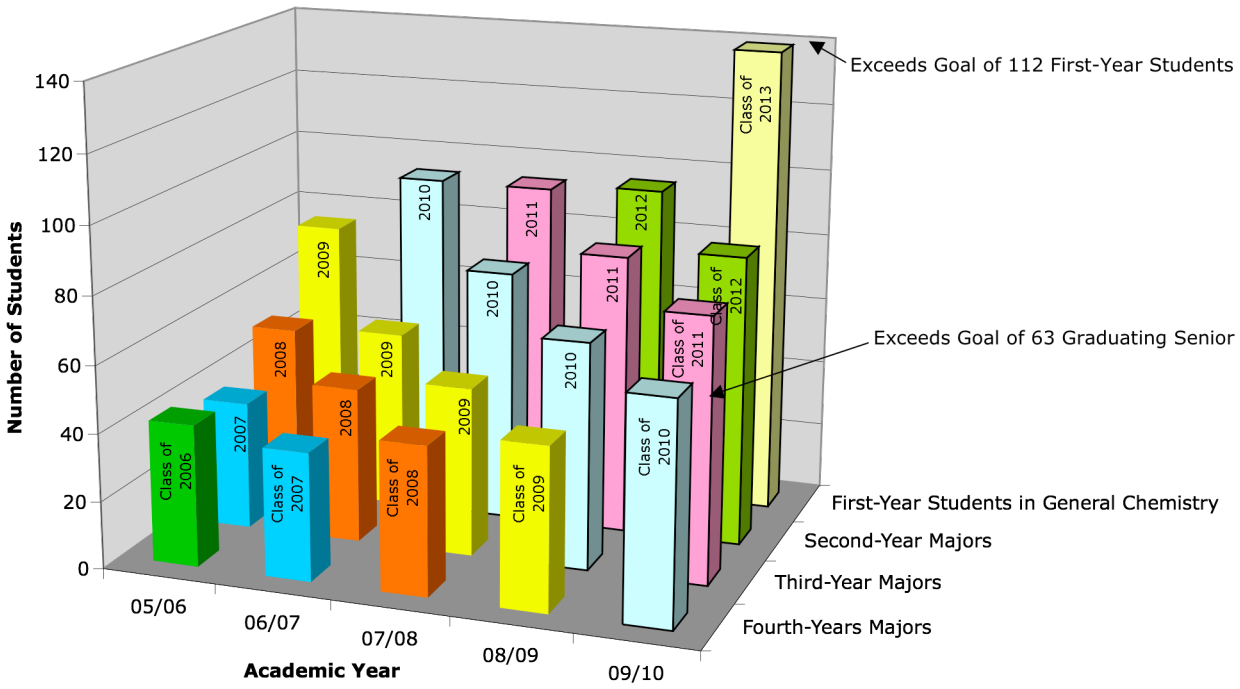
	Year 1		Year 2		Year 3		Year 4		Year 5
	Proj.	**Actu.**	**Proj.**	**Actu.**	**Proj.**	**Actu.**	**Proj.**	**Actu.**	**Proj.**
Increase in STEM-STEP Grant Majors	1	31	15	64	44	103	90	174	132
Annual increase in underrepresented	0	2	3	1	8	2	16	15	24
Annual increase in science transfers to Stonehill	1	1	2	0	4	1	5	----	6
Annual increase in Massasoit LATS students	0	9	10	17	20	51	30	----	35
1st - 2nd year Stonehill science attrition rate	38%	31%	34%	24%	30%	32%	25%	----	20%
Summer Bridge Program participation	15	14	17	14	20	18	22	----	25
Students participating in AP lab courses	0	0	40	41	40	51	40	58	40

Measures of Progress



Academic Year	Total Majors	First Semester Gen. Chem.	2nd Year	3rd Year	4th Year	Graduates
05/06	190	75	51	38	42	45
06/07	221	93	53	46	38	38
07/08	254	93	75	50	44	45
08/09	293	95	83	67	48	43
09/10	364	139	86	78	65	

Students in Science Majors Requiring Chemistry



Individual Initiative First to Second Semester Retention Rates

	Mentoring at Risk Students		General Chemistry		Summer Bridge Program	
Grant Year	Mentored	Not Mentored	Theme-based	Traditional	Participant	Comparison Group
1	71%	33%	----	----	----	----
2	----	----	81%	81%	64%	83%
3	----	----	84%	75%	79%	57%
4	----	----	----	----	82%	73%