Chabot College STEME (Science/Technology/Engineering/Mathematics/Environment) Pathway

	Acad	emic Y	ear 202	4-25 (Sum	mer/Fall 2024 and Spring 20	25)			
Number of Unduplicated STEME Students					Number of Units Taken by STEME Students in AY 24-25				
	2,556				41,278				
	Fa	ll 2024	STEM	E Pathwa	y: Student Characteristics				
	STEME			All Other			Æ	All O	the
	512.01		Stude					Stud	
lotal	num	pct	num	pct	Veteran Status	num	pct	num	
tudents	1,666	100%	12,142	100%	Veteran	31	2%	254	
					Non-Veteran	1,635	98%	11,888	
Gender	num	pct	num	pct	Foster Youth Status	num	pct	num	
Female	583	35%	5,938	49%	Foster Youth	25	2%	237	
Male	993	60%	5,479	45%	Non-Foster Youth	1,641	98%	11,905	
Non-Binary/Unknown	90	5%	725	6%					
					First Commention Status				
Race-ethnicity	num	pct	num	pct	First Generation Status First Gen to Earn a BA/BS	num 994	pct 65%	num 7,725	
African-American	118	рег 7%	1,103	9%	Parent w/ BA/BS or Highe	546	35%	2,979	
Asian-American	406	24%	1,103	14%	r mont w/ D/y D5 01 Highe	5-10	5570	4,113	
Filipinx	152	24% 9%	737	6%					
Latinx	709	43%	5,434	45%	Disability Status	num	pct	num	
Native American	1	<1%	16	<1%	Any Disability	118	рет 7%	809	
Pacific Islander	26	2%	165	1%	No Disability	1,548	93%	11,333	
White	149	9%	1,940	16%	No Disability	1,540	1570	11,555	
Aultiracial	89	5%	711	6%					
Jnknown	16	1%	334	3%	Low Income Status	num	pct	num	
	10	170	554	570	Low Income	867	52%	4,966	
					Not Low Income	799	48%	7,176	
Age	num	pct	num	pct				,	
9 or younger	764	46%	3,722	31%					
20-21	352	21%	1,729	14%	Attendance Status	num	pct	num	
2-24	219	13%	1,475	12%	Full-time				
25-29	150	9%	1,660	14%	12 or more units	817	49%	3,531	
80-39	130	8%	1,974	16%	Part-time				
0-49	32	2%	825	7%	6 to 11.5 units	465	28%	4,812	
	19	1%	757	6%	.5 to 5.5 units	351	21%	3,196	
50 or older					Non-Credit units	33	2%	603	
	(11)	mot	49.3.3499						
Aajor	num 427	pct 26%	num 60	pct <1%					
Aajor Biology	427	26%	60	<1%	Enrollment Status	num	pct	num	
Major Biology Chemistry	427 42	26%	60 4	<1% <1%			pct 25%		
Major Biology Chemistry Computer Science	427	26% 3% 28%	60 4 19	<1% <1% <1%	First time any college	num 413 129	25%	2,669	
Major Biology Chemistry Computer Science Engineering	427 42 459	26% 3%	60 4 19 55	<1% <1% <1% <1%	First time any college First time transfer	413	<u> </u>	2,669 1,328	
Major Biology Chemistry Computer Science Engineering Math	427 42 459 440	26% 3% 28% 26%	60 4 19 55 4	<1% <1% <1% <1% <1%	First time any college First time transfer Returning transfer	413 129	25% 8% 6%	2,669 1,328 1,034	
Major Biology Chemistry Computer Science Engineering Math Physics	427 42 459 440 74	26% 3% 28% 26% 4%	60 4 19 55	<1% <1% <1% <1%	First time any college First time transfer	413 129 99	25% 8%	2,669 1,328	-
Major Biology Chemistry Computer Science Ingineering Math hysics Other STEM Majors	427 42 459 440 74 31	26% 3% 28% 26% 4% 2%	60 4 19 55 4 2	<1% <1% <1% <1% <1% <1%	First time any college First time transfer Returning transfer Continuing	413 129 99 925	25% 8% 6% 56%	2,669 1,328 1,034 6,414	
Major Biology Chemistry Computer Science Engineering Math hysics Other STEM Majors Ion-STEM	427 42 459 440 74 31 40 153	26% 3% 28% 26% 4% 2% 2% 9%	60 4 19 55 4 2 5 11,993	<1% <1% <1% <1% <1% <1% <1% 99%	First time any college First time transfer Returning transfer Continuing In High School	413 129 99 925 100	25% 8% 6% 56% 6%	2,669 1,328 1,034 6,414 697	
Major Biology Chemistry Computer Science Engineering Math Physics Other STEM Majors Non-STEM Cducational Goal	427 42 459 440 74 31 40 153 num	26% 3% 28% 26% 4% 2% 2% 9%	60 4 19 55 4 2 5 11,993 num	<1% <1% <1% <1% <1% <1% <1% 99%	First time any college First time transfer Returning transfer Continuing In High School Enrollment Pattern	413 129 99 925 100 num	25% 8% 6% 56% 6%	2,669 1,328 1,034 6,414 697 num	
Major Biology Chemistry Computer Science Engineering Math Physics Other STEM Majors Non-STEM Educational Goal Fransfer or Degree	427 42 459 440 74 31 40 153 num 1,282	26% 3% 28% 26% 4% 2% 2% 9% 9%	60 4 19 55 4 2 5 11,993 num 6,511	<1% <1% <1% <1% <1% <1% <1% <1% 99%	First time any collegeFirst time transferReturning transferContinuingIn High SchoolEnrollment PatternDay Only	413 129 99 925 100 num 933	25% 8% 6% 56% 6% pct 56%	2,669 1,328 1,034 6,414 697 num 5,771	
Major Biology Chemistry Computer Science Engineering Math Physics Other STEM Majors Non-STEM Educational Goal Cransfer or Degree Decupational certificate	427 42 459 440 74 31 40 153 num	26% 3% 28% 26% 4% 2% 2% 9%	60 4 19 55 4 2 5 11,993 num	<1% <1% <1% <1% <1% <1% <1% 99%	First time any college First time transfer Returning transfer Continuing In High School Enrollment Pattern Day Only Both Day and Eve/Sat	413 129 99 925 100 num 933 348	25% 8% 6% 56% 6% pct 56% 21%	2,669 1,328 1,034 6,414 697 num 5,771 2,074	
50 or older Major Biology Chemistry Computer Science Engineering Math Physics Other STEM Majors Non-STEM Educational Goal Fransfer or Degree Decupational certificate or job training Undecided	427 42 459 440 74 31 40 153 num 1,282	26% 3% 28% 26% 4% 2% 2% 9% 9%	60 4 19 55 4 2 5 11,993 num 6,511	<1% <1% <1% <1% <1% <1% <1% <1% 99%	First time any collegeFirst time transferReturning transferContinuingIn High SchoolEnrollment PatternDay Only	413 129 99 925 100 num 933	25% 8% 6% 56% 6% pct 56%	2,669 1,328 1,034 6,414 697 num 5,771	

Chabot College STEME (Science/Technology/Engineering/Mathematics/Environment) Pathway

Fall 2024 Cohort:	Success	Outcomes
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Fall 2024 Coho					
Cumulative GPA	STEM	IE	All Other Students		
in Fall 2024	num	pct	num pct		
Below 2.0	299	19%	1,874	17%	
2.0 - 2.49	194	12%	1,192	11%	
2.5 - 2.99	238	15%	1,513	14%	
3.0 - 3.49	389	24%	2,371	22%	
3.5 and Above	483	30%	3,829	36%	
			-		
Cumulative Units Earned	l Prior to Fa	ll 2024			
	num	pct	num	pct	
0 to 11 units	769	11%	6,109	50%	
12 to 23 units	202	5%	1,683	14%	
24 to 35 units	179	12%	1,308	11%	
36 to 47 units	149	16%	907	8%	
48 to 59 units	127	19%	621	5%	
60 to 74 units	114	17%	602	5%	
75 to 89 units	60	10%	371	3%	
90 to 104 units	32	4%	221	2%	
105+ units	34	7%	320	3%	
Success Rates in Selected	STEM Con	reast in	Eall 2024	1	
Success Rates III Selected	num	pct	num	pct	
Success	907	63%	245	53%	
Non-success	260	18%	86	19%	
Withdrawal	278	19%	127	28%	
Total	1,445	100%	458	100%	
*Success rates were calcula	-		A courses		
which include: BIOS 21A,					
CSCI 14, 15, 20, 21; ENGI	R 22, 25, 36,	40, 43, 4	5, 47, 80	;	
MTH 1, 2, 3, 4, 6, 8, 21, 22					
Notes: STEME students are				maiors	
in Fall 2024.					
1-Year Calculus 1 Throu	ghput Rate				
Fall 2024 New Students	num	pct	num	pct	
Completed Calc 1 in 1st Year	49	12%	16	1%	
Attempted but failed Calc 1	37	9%	18	1%	
Did not Attempt Calc 1	327	79%	2,635	99%	

413

Total

100%

2,669

100%

Persistence from Fall 24 to Spring 2 New Students with STEN		pc	÷	
by STEME students MTH 1 291 MTH 2 49 MTH 3 12 MTH 4 3 MTH 6 2 MTH 8 2 MTH 15 8 MTH 20 68 MTH 21 240 MTH 22 62 MTH 31/31S 52 MTH 40/47 24 MTH 40/47 24 MTH 43/243 86 MTH 53 12 MTH 54 1 MTH 55/55A 61 MTH 200 1 MTH 201/202/203 7 MTH 200/21/203 7 MTH 200/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with		pc.		
MTH 2 49 MTH 3 12 MTH 4 3 MTH 6 2 MTH 8 2 MTH 15 8 MTH 20 68 MTH 21 240 MTH 31/31S 52 MTH 36/36S/37 79 MTH 40/47 24 MTH 41 1 MTH 43/243 86 MTH 55/55A 61 MTH 65/65A 14 MTH 103/104/105L 20 MTH 200 1 MTH 200 1 MTH 200 1 MTH 200 1 MTH 201/202/203 7 MTH 210/220 40 Total 1,15			L	
MTH 3 12 MTH 4 3 MTH 6 2 MTH 8 2 MTH 15 8 MTH 20 68 MTH 21 246 MTH 22 62 MTH 31/31S 52 MTH 40/47 24 MTH 41 1 MTH 43/243 86 MTH 55 61 MTH 55 61 MTH 65/65A 14 MTH 200 1 MTH 200 1 MTH 201/202/203 7 MTH 201/202/203 7 MTH 200/220 40 Total 1,15		25%	6	
MTH 4 3 MTH 6 2 MTH 8 2 MTH 15 8 MTH 20 68 MTH 21 240 MTH 22 62 MTH 31/31S 52 MTH 40/47 24 MTH 40/47 24 MTH 40/47 24 MTH 41 1 MTH 53 12 MTH 54 1 MTH 65/65A 14 MTH 103/104/105L 20 MTH 200 1 MTH 201/202/203 7 MTH 201/202/203 7 MTH 210/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with STEM		4%	, S	
MTH 6 2 MTH 8 2 MTH 15 8 MTH 20 68 MTH 21 240 MTH 22 62 MTH 31/31S 52 MTH 36/36S/37 79 MTH 40/47 24 MTH 43/243 86 MTH 53 12 MTH 55/55A 61 MTH 65/65A 14 MTH 103/104/105L 20 MTH 200 1 MTH 201/202/203 7 MTH 210/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with STEM		1%	, D	
MTH 8 2 MTH 15 8 MTH 20 68 MTH 21 240 MTH 22 62 MTH 31/31S 52 MTH 36/36S/37 79 MTH 40/47 24 MTH 41 1 MTH 43/243 86 MTH 53 12 MTH 54 1 MTH 65/65A 14 MTH 200 1 MTH 201/202/203 7 MTH 201/202/203 7 MTH 210/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with STEM		0%	,)	
MTH 15 8 MTH 20 68 MTH 21 240 MTH 22 62 MTH 31/31S 52 MTH 36/36S/37 79 MTH 40/47 24 MTH 41 1 MTH 53 12 MTH 54 1 MTH 65/65A 14 MTH 200 1 MTH 200 1 MTH 201/202/203 7 MTH 200/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with STEM		0%	,)	
MTH 20 68 MTH 21 240 MTH 22 62 MTH 31/31S 52 MTH 36/36S/37 79 MTH 40/47 24 MTH 41 1 MTH 43/243 86 MTH 53 12 MTH 54 1 MTH 65/65A 14 MTH 103/104/105L 20 MTH 200 1 MTH 201/202/203 7 MTH 210/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with STEM		0%	,)	
MTH 21 240 MTH 22 62 MTH 31/31S 52 MTH 36/36S/37 79 MTH 40/47 24 MTH 41 1 MTH 43/243 86 MTH 53 12 MTH 54 1 MTH 65/65A 14 MTH 103/104/105L 200 MTH 200 1 MTH 201/202/203 7 MTH 201/202/203 7 MTH 210/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with STEM		1%	,)	
MTH 22 62 MTH 31/31S 52 MTH 36/36S/37 79 MTH 40/47 24 MTH 41 1 MTH 43/243 86 MTH 53 12 MTH 54 1 MTH 65/65A 14 MTH 200 1 MTH 201/202/203 7 MTH 201/202/203 7 MTH 210/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with STEM		6%	,)	
MTH 31/31S 52 MTH 36/36S/37 79 MTH 40/47 24 MTH 41 1 MTH 43/243 86 MTH 53 12 MTH 54 1 MTH 55/55A 61 MTH 65/65A 14 MTH 103/104/105L 20 MTH 200 1 MTH 201/202/203 7 MTH 201/202/203 7 MTH 210/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with STEM)	21%	6	
MTH 36/36S/37 79 MTH 40/47 24 MTH 41 1 MTH 43/243 86 MTH 53 12 MTH 54 1 MTH 55/55A 61 MTH 65/65A 14 MTH 103/104/105L 20 MTH 200 1 MTH 201/202/203 7 MTH 210/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with STEM		5%	,)	
MTH 40/47 24 MTH 41 1 MTH 43/243 86 MTH 53 12 MTH 54 1 MTH 55/55A 61 MTH 65/65A 14 MTH 103/104/105L 20 MTH 200 1 MTH 201/202/203 7 MTH 204/253/255 11 MTH 210/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with STEM		4%	,)	
MTH 41 1 MTH 43/243 86 MTH 53 12 MTH 53 12 MTH 54 1 MTH 55/55A 61 MTH 65/65A 14 MTH 103/104/105L 20 MTH 200 1 MTH 201/202/203 7 MTH 204/253/255 11 MTH 210/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with STEM		7%	,)	
MTH 43/243 86 MTH 53 12 MTH 54 1 MTH 55/55A 61 MTH 65/65A 14 MTH 103/104/105L 20 MTH 122 6 MTH 200 1 MTH 201/202/203 7 MTH 201/202/203 7 MTH 210/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with STEM		2%	,)	
MTH 53 12 MTH 54 1 MTH 55/55A 61 MTH 65/65A 14 MTH 103/104/105L 20 MTH 122 6 MTH 200 1 MTH 201/202/203 7 MTH 204/253/255 11 MTH 210/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with STEM		0%		
MTH 54 1 MTH 55/55A 61 MTH 65/65A 14 MTH 103/104/105L 20 MTH 122 6 MTH 200 1 MTH 201/202/203 7 MTH 204/253/255 11 MTH 210/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with STEM		7%		
MTH 55/55A 61 MTH 65/65A 14 MTH 103/104/105L 20 MTH 122 6 MTH 200 1 MTH 201/202/203 7 MTH 204/253/255 11 MTH 210/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with STEM		1%		
MTH 65/65A 14 MTH 103/104/105L 20 MTH 122 6 MTH 200 1 MTH 201/202/203 7 MTH 204/253/255 11 MTH 210/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with STEM		0%		
MTH 103/104/105L 20 MTH 122 6 MTH 200 1 MTH 201/202/203 7 MTH 204/253/255 11 MTH 210/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with STEM		5%		
MTH 122 6 MTH 200 1 MTH 201/202/203 7 MTH 204/253/255 11 MTH 210/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with STEN		1%		
MTH 200 1 MTH 201/202/203 7 MTH 204/253/255 11 MTH 210/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with STEM		2%	, D	
MTH 201/202/203 7 MTH 204/253/255 11 MTH 210/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with STEN		1%)	
MTH 204/253/255 11 MTH 210/220 40 Total 1,15 Persistence from Fall 24 to Spring 2 New Students with		0%)	
MTH 210/22040Total1,15Persistence from Fall 24 to Spring 2New Students withSTEM		1%)	
Total 1,15 Persistence from Fall 24 to Spring 2 New Students with		1%	5	
Persistence from Fall 24 to Spring 2 New Students with STEN		3%	D	
New Students with STEN	1,158		%	
New Students with STEN				
SIL	5			
Transfer/Degree-Seeking	STEME		All Other Student	
Ed Goal num	pct	num	pct	
	1			
Persisted 278	79%	1,252	73%	
Did not Persist 75	21%	464	27%	
Total 353	100%	1,716	100%	
Note: Spring 25 data is preliminary, ru				

Degrees and Certificates Awarded in Academic Year 2023-24 (Summer/Fall 2023 and Spring 2024)						
Degrees	num	pct	Certificates	num	pct	
STEME	240	15%	STEME	109	7%	
All Other Students	1,358	85%	All Other Students	1,349	93%	
Total	1,598	100%	Total	1,458	100%	
Note: STEME students are	e those who declared	STEME majors i	n AY 2023-24.			

Chabot College Office of Research, Planning, and Institutional Effectiveness

Chabot College STEME (Science/Technology/Engineering/Mathematics/Environment) Pathway

	Supplemental Allocat	on Metrics	
	All STEME Students	STEME PELL Recipients	STEME CAL Promise Recipie
In Academic Year 2023-24	2,425	443	1,007
Note: STEME students are defined as those who were in PELL or CAL Promise aid during the same year.	NSTEME pathway in Academi	c Year 2023–24. PELL and CAL Pror	nise recipients are those awarded
	Student Success Alloca	tion Metrics	
Number of Unduplicated Students Who Received			
*Associate Degree for Transfer (ADT)	30	18	21
*Associate Degree (excluding ADT)	141	69	104
*Credit Certificate	40	13	22
Who Completed Transfer-Level Math & English	151	53	91
Who Transferred to a 4-Year University	256	83	128

2. Students who received multiple awards were counted only once, following the priority order: ADT > Associate Degrees > Credit Certificates.

3. Students who received PELL or CAL Promise by the end of Spring 2024 were included in the count.