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

Academic Year 2024-25 (Summer/Fall 2024 and Spring 2025)

Number of Unduplicated STEME Students	Number of Units Taken by STEME Students in AY 24-25
2,556	41,278

Fall 2024 STEME Pathway: Student Characteristics

	STEME		All Other Students	
Total	num	pct	num	pct
Students	1,666	100%	12,142	100%

Gender	num	pct	num	pct
Female	583	35%	5,938	49%
Male	993	60%	5,479	45%
Non-Binary/Unknown	90	5%	725	6%

Race-ethnicity	num	pct	num	pct
African-American	118	7%	1,103	9%
Asian-American	406	24%	1,702	14%
Filipinx	152	9%	737	6%
Latinx	709	43%	5,434	45%
Native American	1	<1%	16	<1%
Pacific Islander	26	2%	165	1%
White	149	9%	1,940	16%
Multiracial	89	5%	711	6%
Unknown	16	1%	334	3%

Age	num	pct	num	pct
19 or younger	764	46%	3,722	31%
20-21	352	21%	1,729	14%
22-24	219	13%	1,475	12%
25-29	150	9%	1,660	14%
30-39	130	8%	1,974	16%
40-49	32	2%	825	7%
50 or older	19	1%	757	6%

Major	num	pct	num	pct
Biology	427	26%	60	<1%
Chemistry	42	3%	4	<1%
Computer Science	459	28%	19	<1%
Engineering	440	26%	55	<1%
Math	74	4%	4	<1%
Physics	31	2%	2	<1%
Other STEM Majors	40	2%	5	<1%
Non-STEM	153	9%	11,993	99%

Educational Goal	num	pct	num	pct
Transfer or Degree	1,282	77%	6,511	54%
Occupational certificate or job training	99	6%	2,852	23%
Undecided	135	8%	1,476	12%
Other / Unknown	150	9%	1,303	11%

	STEME		All Other Students	
Veteran Status	num	pct	num	pct
Veteran	31	2%	254	2%
Non-Veteran	1,635	98%	11,888	98%

Foster Youth Status	num	pct	num	pct
Foster Youth	25	2%	237	2%
Non-Foster Youth	1,641	98%	11,905	98%

First Generation Status	num	pct	num	pct
First Gen to Earn a BA/BS	994	65%	7,725	72%
Parent w/ BA/BS or Highe	546	35%	2,979	28%

Disability Status	num	pct	num	pct
Any Disability	118	7%	809	7%
No Disability	1,548	93%	11,333	93%

Low Income Status	num	pct	num	pct
Low Income	867	52%	4,966	41%
Not Low Income	799	48%	7,176	59%

Attendance Status	num	pct	num	pct
Full-time				
12 or more units	817	49%	3,531	29%
Part-time				
6 to 11.5 units	465	28%	4,812	40%
.5 to 5.5 units	351	21%	3,196	26%
Non-Credit units	33	2%	603	5%

Enrollment Status	num	pct	num	pct
First time any college	413	25%	2,669	22%
First time transfer	129	8%	1,328	11%
Returning transfer	99	6%	1,034	9%
Continuing	925	56%	6,414	53%
In High School	100	6%	697	6%

Enrollment Pattern	num	pct	num	pct
Day Only	933	56%	5,771	48%
Both Day and Eve/Sat	348	21%	2,074	17%
Evening or Eve/Sat	109	7%	939	8%
Saturday Only	7	0%	124	1%
Independently Scheduled	269	16%	3,234	27%

Note: STEME students are those who declared STEME majors in Fall 2024.

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Fall 2024 Cohort: Success Outcomes

Cumulative GPA in Fall 2024	STEME		All Other Students	
	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 Prior to Fall 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 Courses* in Fall 2024				
	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 calculated for selected STEM courses, which include: BIOS 21A, 21B, 21C; CHEM 12A, 12B, 1A, 1B, 31; CSCI 14, 15, 20, 21; ENGR 22, 25, 36, 40, 43, 45, 47, 80; MTH 1, 2, 3, 4, 6, 8, 21, 22; PHYS 3A, 3B, 4A, 4B, 4C.

Notes: STEME students are those who declared STEME majors in Fall 2024.

1-Year Calculus 1 Throughput 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%
Total	413	100%	2,669	100%

Math Courses

The First Math Courses Taken by STEME students	num	pct
MTH 1	291	25%
MTH 2	49	4%
MTH 3	12	1%
MTH 4	3	0%
MTH 6	2	0%
MTH 8	2	0%
MTH 15	8	1%
MTH 20	68	6%
MTH 21	246	21%
MTH 22	62	5%
MTH 31/31S	52	4%
MTH 36/36S/37	79	7%
MTH 40/47	24	2%
MTH 41	1	0%
MTH 43/243	86	7%
MTH 53	12	1%
MTH 54	1	0%
MTH 55/55A	61	5%
MTH 65/65A	14	1%
MTH 103/104/105L	20	2%
MTH 122	6	1%
MTH 200	1	0%
MTH 201/202/203	7	1%
MTH 204/253/255	11	1%
MTH 210/220	40	3%
Total	1,158	100%

Persistence from Fall 24 to Spring 25				
New Students with Transfer/Degree-Seeking Ed Goal	STEME		All Other Students	
	num	pct	num	pct
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, run as of 3/28/25.				

Degrees and Certificates Awarded in Academic Year 2023-24 (Summer/Fall 2023 and Spring 2024)

Degrees	num	pct
STEME	240	15%
All Other Students	1,358	85%
Total	1,598	100%

Certificates	num	pct
STEME	109	7%
All Other Students	1,349	93%
Total	1,458	100%

Note: STEME students are those who declared STEME majors in AY 2023-24.

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Student-Centered Funding Formula Metrics: Academic Year 2023-24 (Summer/Fall 2023 and Spring 2024)			
Supplemental Allocation Metrics			
	All STEME Students	STEME PELL Recipients	STEME CAL Promise Recipien
In Academic Year 2023-24	2,425	443	1,007
Note: STEME students are defined as those who were in STEME pathway in Academic Year 2023–24. PELL and CAL Promise recipients are those awarded PELL or CAL Promise aid during the same year.			
Student Success Allocation 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
Notes: 1. STEME students are defined as those who were in the STEME pathway in Academic Year 2023–24.			
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.			