



Las Positas College

Discipline Program Review Data Packet

Fall 2018 to Spring 2023

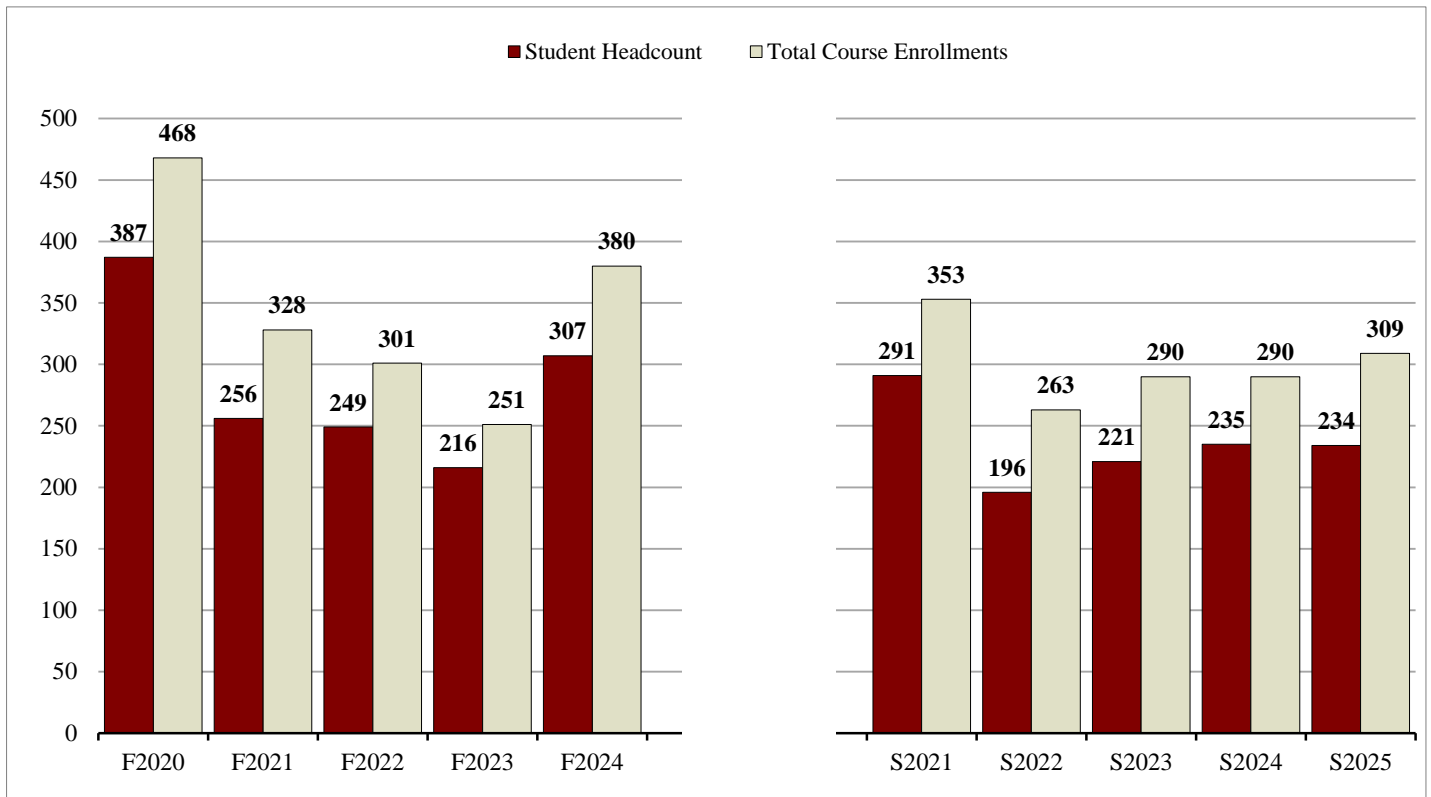
Discipline:

Geology (GEOL)

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Headcount & Enrollment

Geology (GEOL)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Student Headcount	387	256	249	216	307	291	196	221	235	234
Total Course Enrollments	468	328	301	251	380	353	263	290	290	309



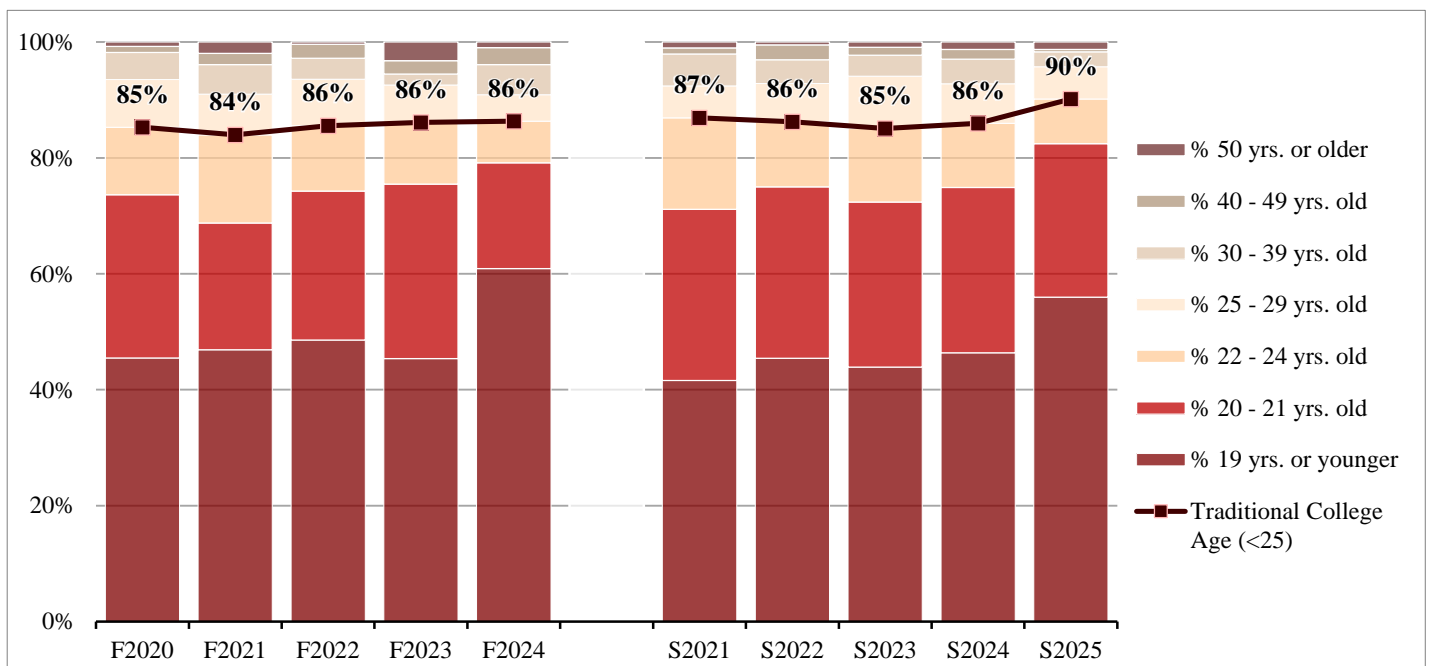
Definitions:

Student Headcount is the unduplicated count of students enrolled in all courses within the discipline.

Total Course Enrollments is the sum of all course enrollments (filled seats) within the discipline.

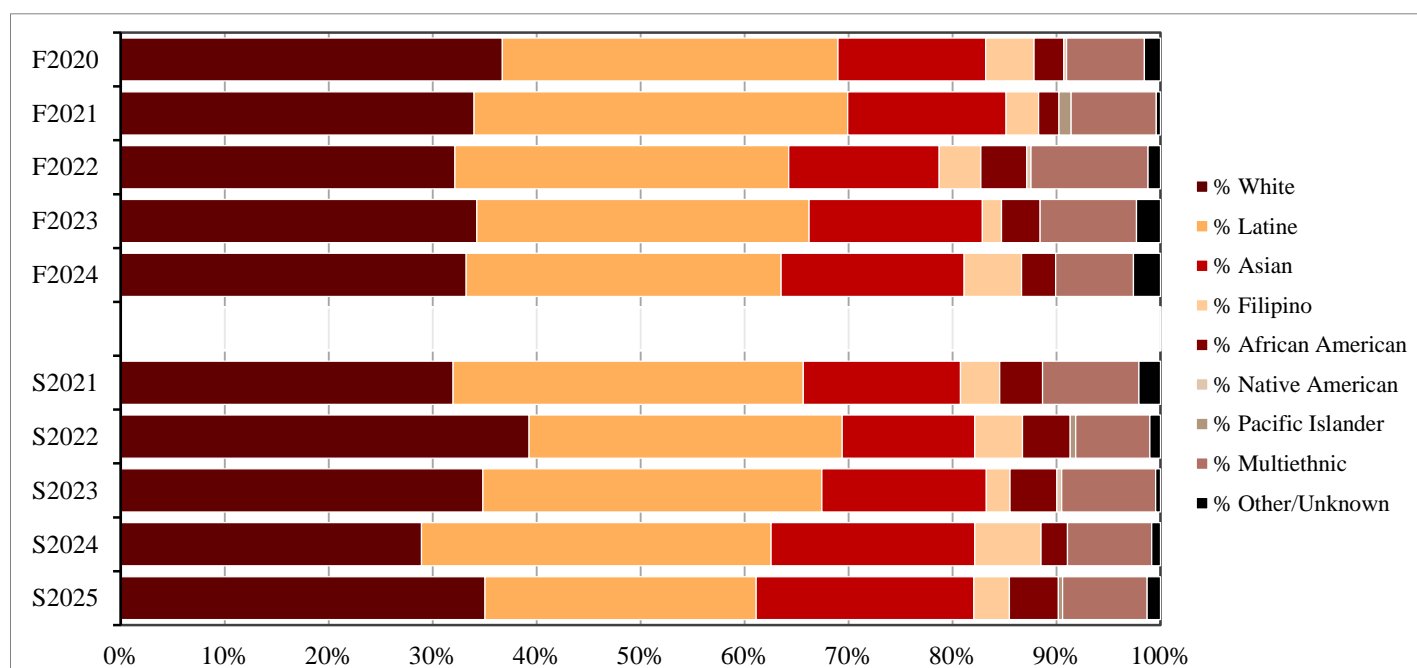
Student Demographics: Gender & Age

Geology (GEOL)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Female	196	133	121	104	136	145	98	118	128	114
Male	184	121	124	104	132	140	96	100	94	111
19 yrs. or younger	176	120	121	98	187	121	89	97	109	131
20-21 yrs. old	109	56	64	65	56	86	58	63	67	62
22-24 yrs. old	45	39	28	23	22	46	22	28	26	18
25-29 yrs. old	32	18	20	14	14	16	13	20	16	13
30-39 yrs. old	18	13	9	4	16	16	8	8	10	6
40-49 yrs. old	4	5	6	5	9	3	5	3	4	1
50 yrs. or older	3	5	1	7	3	3	1	2	3	3
% Female	52%	52%	49%	50%	51%	51%	51%	54%	58%	51%
% Male	48%	48%	51%	50%	49%	49%	49%	46%	42%	49%
% 19 yrs. or younger	45%	47%	49%	45%	61%	42%	45%	44%	46%	56%
% 20 - 21 yrs. old	28%	22%	26%	30%	18%	30%	30%	29%	29%	26%
% 22 - 24 yrs. old	12%	15%	11%	11%	7%	16%	11%	13%	11%	8%
% 25 - 29 yrs. old	8%	7%	8%	6%	5%	5%	7%	9%	7%	6%
% 30 - 39 yrs. old	5%	5%	4%	2%	5%	5%	4%	4%	4%	3%
% 40 - 49 yrs. old	1%	2%	2%	2%	3%	1%	3%	1%	2%	<1%
% 50 yrs. or older	1%	2%	<1%	3%	1%	1%	1%	1%	1%	1%



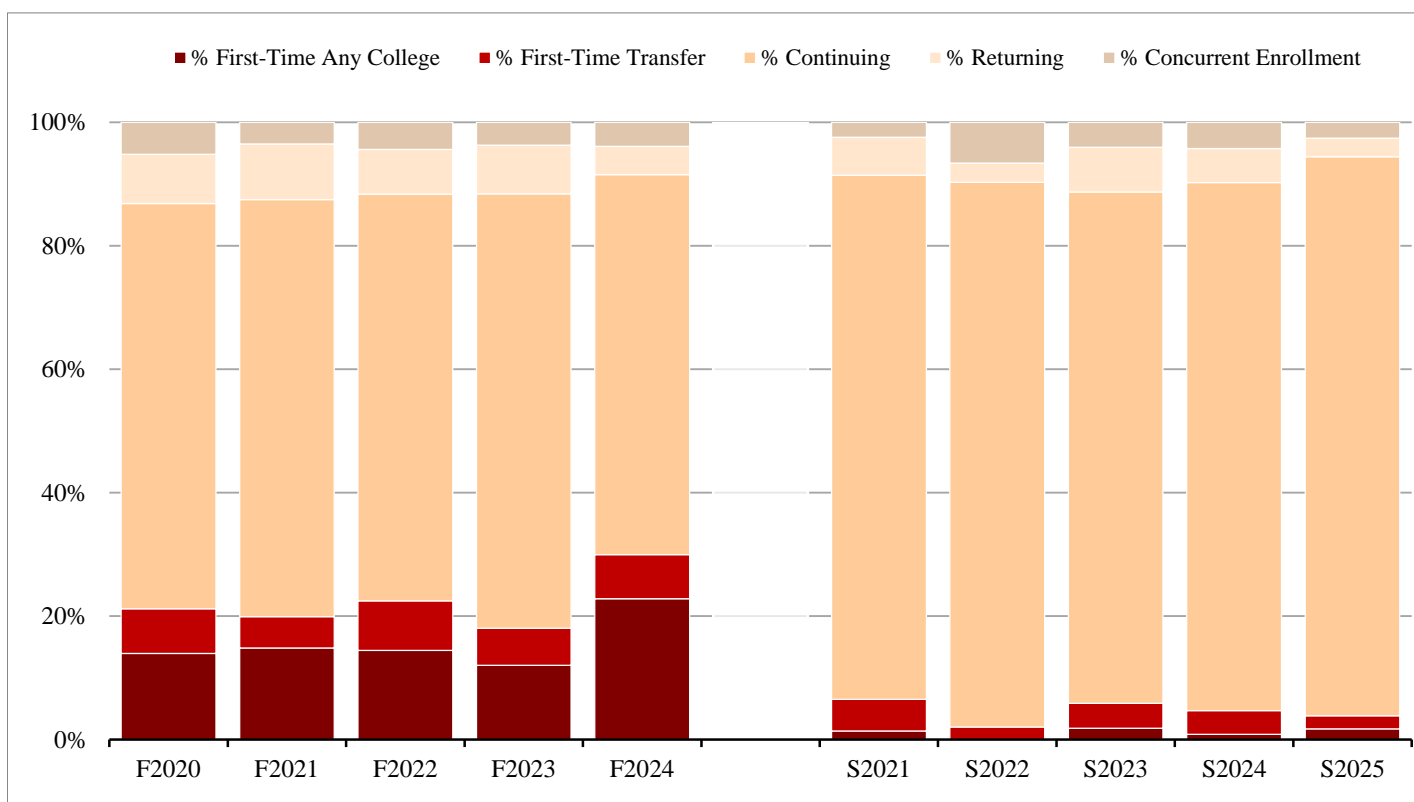
Student Demographic: Race-Ethnicity

Geology (GEOL)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
African American	11	5	11	8	10	12	9	10	6	11
Asian	55	39	36	36	54	44	25	35	46	49
Filipino	18	8	10	4	17	11	9	5	15	8
Latine	125	92	80	69	93	98	59	72	79	61
Native American	1	0	1	0	0	0	0	1	0	0
Pacific Islander	0	3	0	0	0	0	1	0	0	1
White	142	87	80	74	102	93	77	77	68	82
Multiethnic	29	21	28	20	23	27	14	20	19	19
Other/Unknown	6	1	3	5	8	6	2	1	2	3
% African American	3%	2%	4%	4%	3%	4%	5%	5%	3%	5%
% Asian	14%	15%	14%	17%	18%	15%	13%	16%	20%	21%
% Filipino	5%	3%	4%	2%	6%	4%	5%	2%	6%	3%
% Latine	32%	36%	32%	32%	30%	34%	30%	33%	34%	26%
% Native American	<1%	0%	<1%	0%	0%	0%	0%	<1%	0%	0%
% Pacific Islander	0%	1%	0%	0%	0%	0%	1%	0%	0%	<1%
% White	37%	34%	32%	34%	33%	32%	39%	35%	29%	35%
% Multiethnic	7%	8%	11%	9%	7%	9%	7%	9%	8%	8%
% Other/Unknown	2%	<1%	1%	2%	3%	2%	1%	<1%	1%	1%



Student Enrollment Status

Geology (GEOL)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
First-Time Any College	54	38	36	26	70	4	0	4	2	4
First-Time Transfer	28	13	20	13	22	15	4	9	9	5
Continuing	254	173	164	152	189	247	173	183	201	212
Returning	31	23	18	17	14	18	6	16	13	7
Concurrent Enrollment	20	9	11	8	12	7	13	9	10	6
% First-Time Any College	14%	15%	14%	12%	23%	1%	0%	2%	1%	2%
% First-Time Transfer	7%	5%	8%	6%	7%	5%	2%	4%	4%	2%
% Continuing	66%	68%	66%	70%	62%	85%	88%	83%	86%	91%
% Returning	8%	9%	7%	8%	5%	6%	3%	7%	6%	3%
% Concurrent Enrollment	5%	4%	4%	4%	4%	2%	7%	4%	4%	3%



Definitions:

First-Time Any College: Students enrolled in college for the first time.

First-Time Transfer: Students transferring to LPC in the current semester from another community college or university.

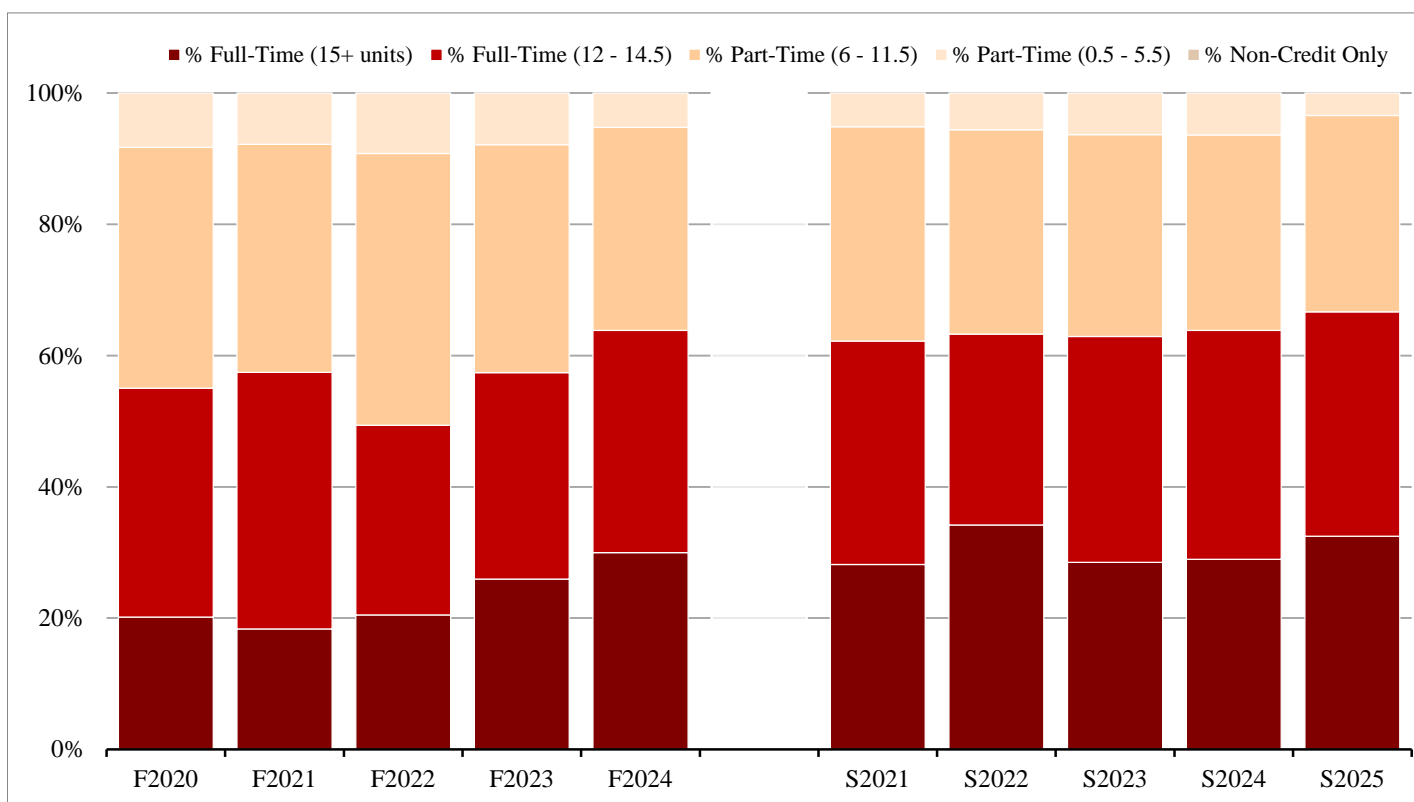
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

Returning: Students enrolled at LPC after an absence of one or more primary terms from the District.

Concurrent Enrollment: A special admit student currently enrolled in K-12.

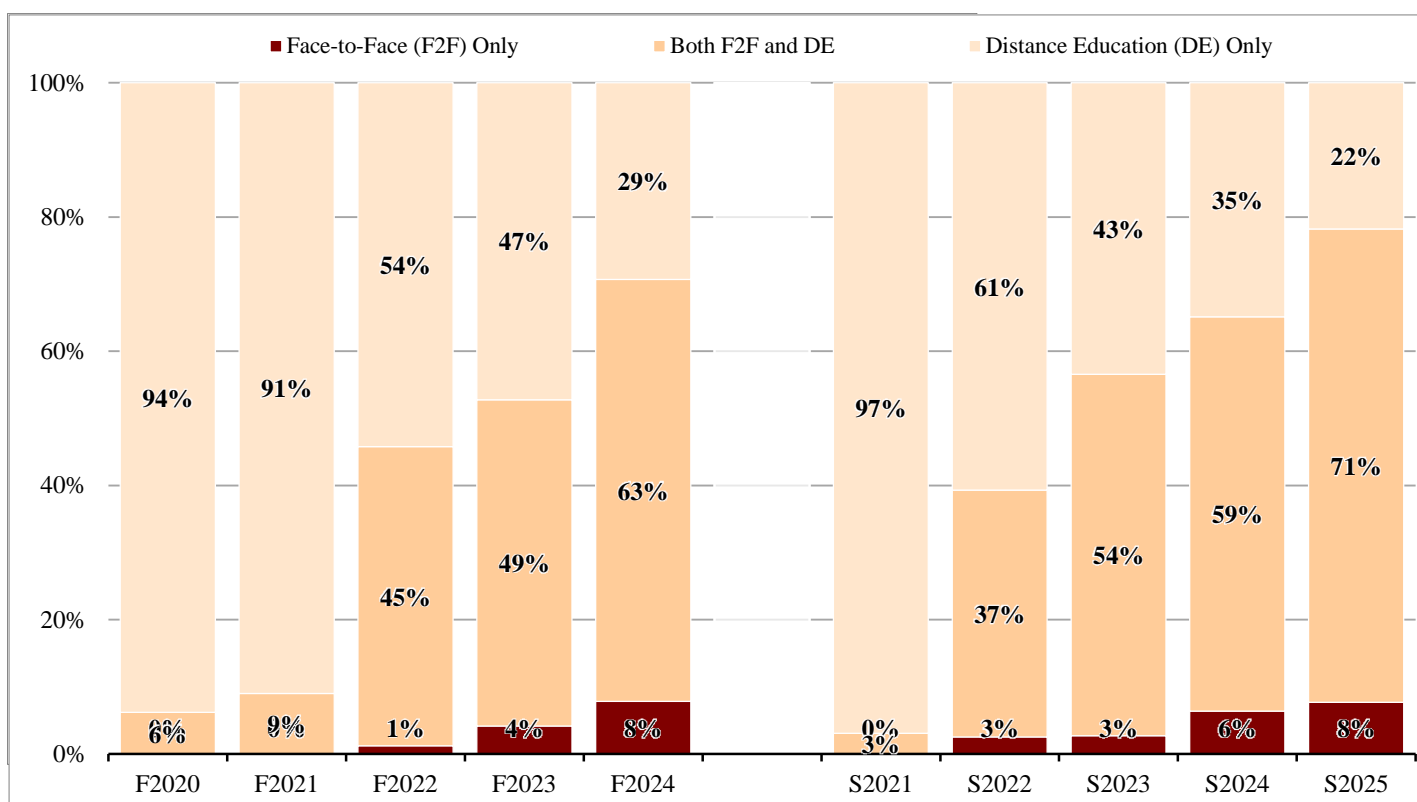
Student Unit Load

Geology (GEOL)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Full-Time (15+ units)	78	47	51	56	92	82	67	63	68	76
Full-Time (12 - 14.5 units)	135	100	72	68	104	99	57	76	82	80
Part-Time (6 - 11.5 units)	142	89	103	75	95	95	61	68	70	70
Part-Time (0.5 - 5.5 units)	32	20	23	17	16	15	11	14	15	8
Non-Credit Only	0	0	0	0	0	0	0	0	0	0
% Full-Time (15+ units)	20%	18%	20%	26%	30%	28%	34%	29%	29%	32%
% Full-Time (12 - 14.5)	35%	39%	29%	31%	34%	34%	29%	34%	35%	34%
% Part-Time (6 - 11.5)	37%	35%	41%	35%	31%	33%	31%	31%	30%	30%
% Part-Time (0.5 - 5.5)	8%	8%	9%	8%	5%	5%	6%	6%	6%	3%
% Non-Credit Only	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%



Students Using Distance Education

Geology (GEOL)										
(Categories reflect college-wide coursework)	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Face-to-Face (F2F) Only	0	0	3	9	24	0	5	6	15	18
Both F2F and DE	24	23	111	105	193	9	72	119	138	165
Distance Education (DE) Only	363	233	135	102	90	282	119	96	82	51
% Face-to-Face (F2F) Only	0%	0%	1%	4%	8%	0%	3%	3%	6%	8%
% Both F2F and DE	6%	9%	45%	49%	63%	3%	37%	54%	59%	71%
% Distance Education (DE) Only	94%	91%	54%	47%	29%	97%	61%	43%	35%	22%



Definitions:

Distance Education (DE) includes enrollments in course sections that deliver course content online. Courses are categorized using the following methods:

Prior to Summer 2020, via section numbers (i.e., start with 'DE', 'HD', 'LD' and 'LO'); courses with 51% of content delivered online.

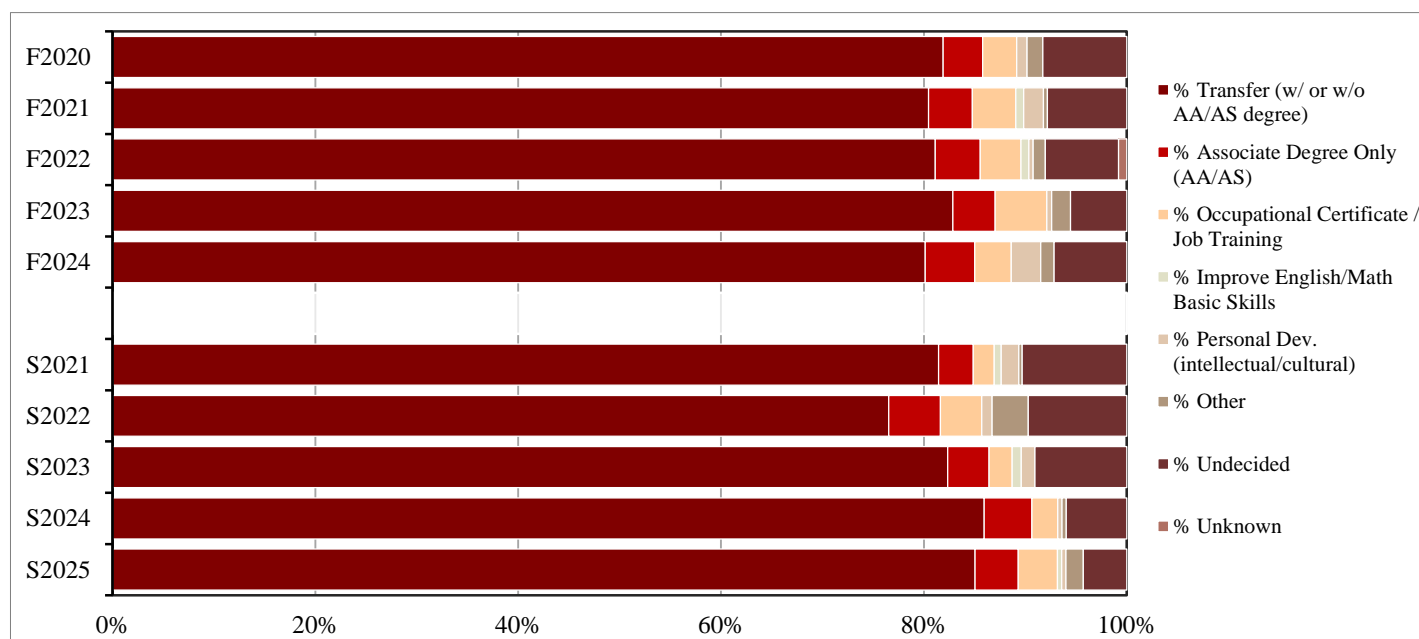
In Summer 2020 and Fall 2020, due to the COVID-19 pandemic, via web comments for each section; identified as any with an online component.

In Spring 2021 and Summer 2021, via section numbers (i.e., 'A##', 'S##', 'B##', 'H##', 'HF#').

Since Fall 2021 to present, via course attributes identifying course modality, or, when no attributes are provided, via section numbers (as previously indicated).

Student Educational Goal

Geology (GEOL)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Transfer (w/ or w/o AA/AS degree)	317	206	202	179	246	237	150	182	202	199
Associate Degree Only (AA/AS)	15	11	11	9	15	10	10	9	11	10
Occupational Certificate / Job Training	13	11	10	11	11	6	8	5	6	9
Improve English/Math Basic Skills	0	2	2	0	0	2	0	2	0	1
Personal Development (intellectual/cultural)	4	5	1	1	9	5	2	3	1	1
Other	6	1	3	4	4	1	7	0	1	4
Undecided	32	20	18	12	22	30	19	20	14	10
Unknown	0	0	2	0	0	0	0	0	0	0
% Transfer (w/ or w/o AA/AS degree)	82%	80%	81%	83%	80%	81%	77%	82%	86%	85%
% Associate Degree Only (AA/AS)	4%	4%	4%	4%	5%	3%	5%	4%	5%	4%
% Occupational Certificate / Job Training	3%	4%	4%	5%	4%	2%	4%	2%	3%	4%
% Improve English/Math Basic Skills	0%	1%	1%	0%	0%	1%	0%	1%	0%	<1%
% Personal Dev. (intellectual/cultural)	1%	2%	<1%	<1%	3%	2%	1%	1%	<1%	<1%
% Other	2%	<1%	1%	2%	1%	<1%	4%	0%	<1%	2%
% Undecided	8%	8%	7%	6%	7%	10%	10%	9%	6%	4%
% Unknown	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%



Definitions:

Transfer: Students who want to transfer to a 4-year university. Includes students enrolled in 4-year institutions completing requirements at LPC.

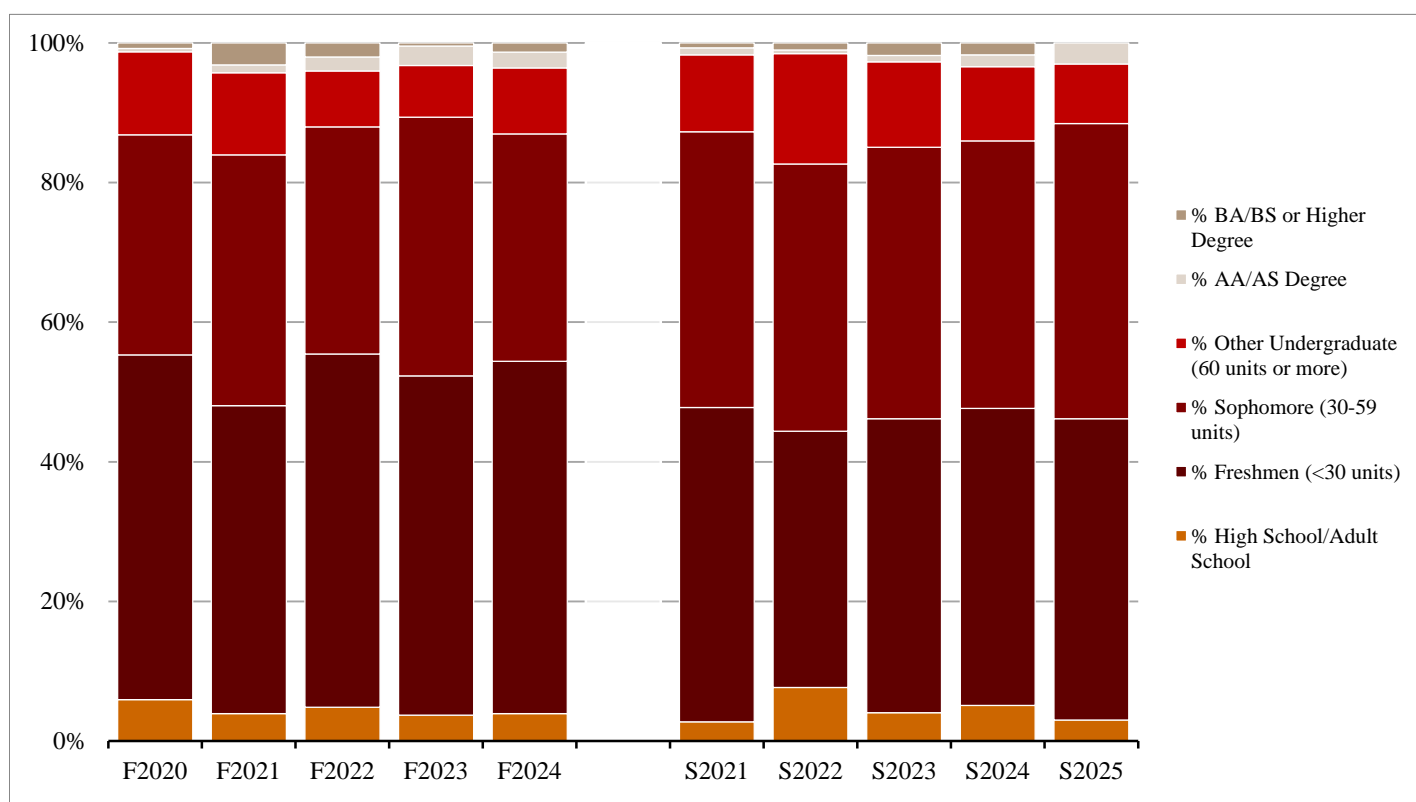
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

Personal Development: Students taking courses for intellectual and/or cultural development.

Other: Students completing diploma/GED requirements or moving from non-credit to credit courses. Data from admission application.

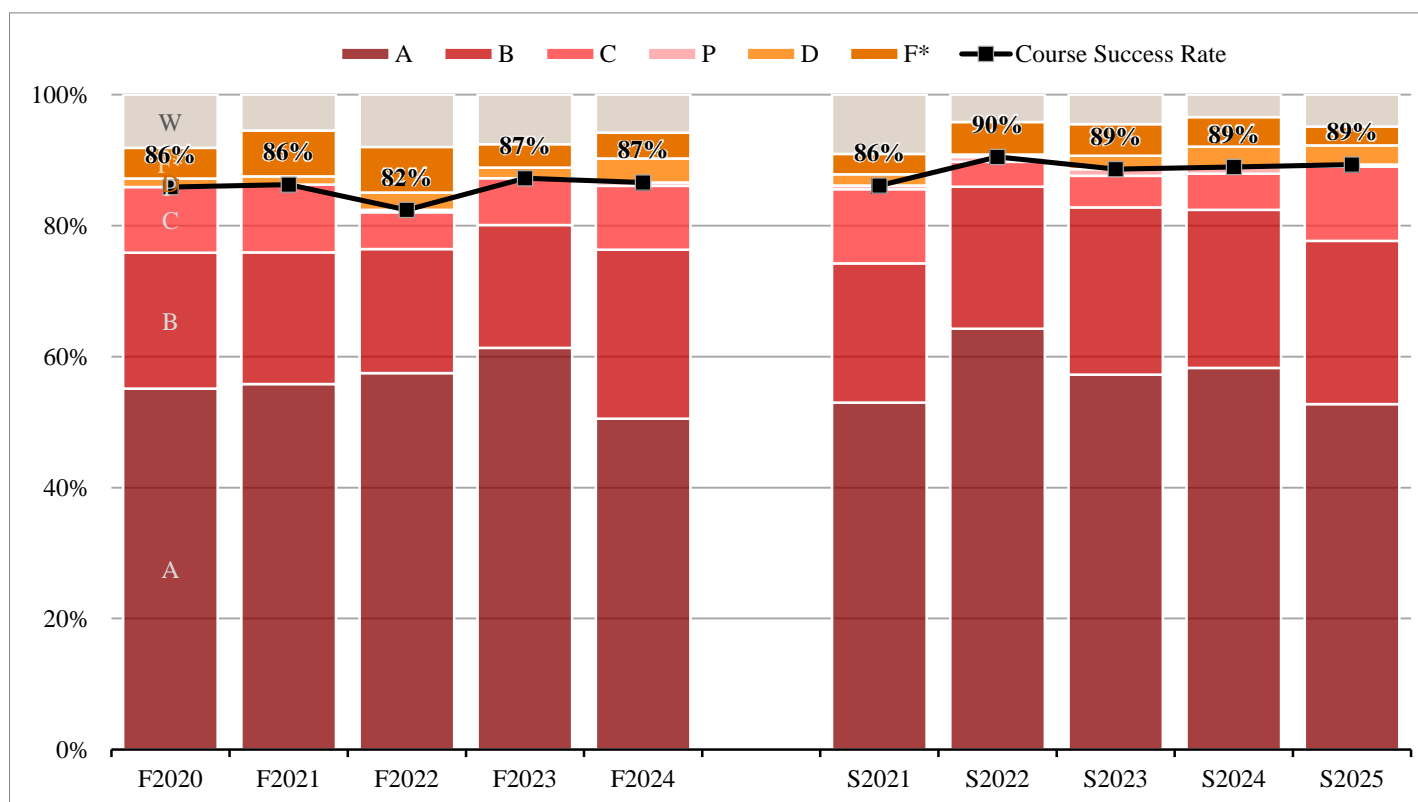
Highest Educational Level of Students

Geology (GEOL)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
High School/Adult School	23	10	12	8	12	8	15	9	12	7
Freshmen (<30 units)	191	113	126	105	155	131	72	93	100	101
Sophomore (30-59 units)	122	92	81	80	100	115	75	86	90	99
Other Undergraduate (60 units or more)	46	30	20	16	29	32	31	27	25	20
AA/AS Degree	2	3	5	6	7	3	1	2	4	7
BA/BS or Higher Degree	3	8	5	1	4	2	2	4	4	0
% High School/Adult School	6%	4%	5%	4%	4%	3%	8%	4%	5%	3%
% Freshmen (<30 units)	49%	44%	51%	49%	50%	45%	37%	42%	43%	43%
% Sophomore (30-59 units)	32%	36%	33%	37%	33%	40%	38%	39%	38%	42%
% Other Undergraduate (60 units or more)	12%	12%	8%	7%	9%	11%	16%	12%	11%	9%
% AA/AS Degree	1%	1%	2%	3%	2%	1%	1%	1%	2%	3%
% BA/BS or Higher Degree	1%	3%	2%	<1%	1%	1%	1%	2%	2%	0%



Student Performance: Grade Distribution

Geology (GEOL)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Total Course Enrollments	468	328	301	251	380	353	263	290	290	309
Course Success Rates	86%	86%	82%	87%	87%	86%	90%	89%	89%	89%
A	55%	56%	57%	61%	51%	53%	64%	57%	58%	53%
B	21%	20%	19%	19%	26%	21%	22%	26%	24%	25%
C	10%	10%	6%	7%	10%	11%	4%	5%	6%	11%
P	0%	0%	<1%	0%	1%	1%	1%	1%	1%	<1%
Course Non-Success Rate	6%	8%	10%	5%	8%	5%	5%	7%	8%	6%
D	1%	1%	3%	2%	4%	2%	<1%	2%	3%	3%
F*	5%	7%	7%	4%	4%	3%	5%	5%	4%	3%
Withdrawals (See Note)	8%	5%	8%	8%	6%	9%	4%	4%	3%	5%



Definitions:

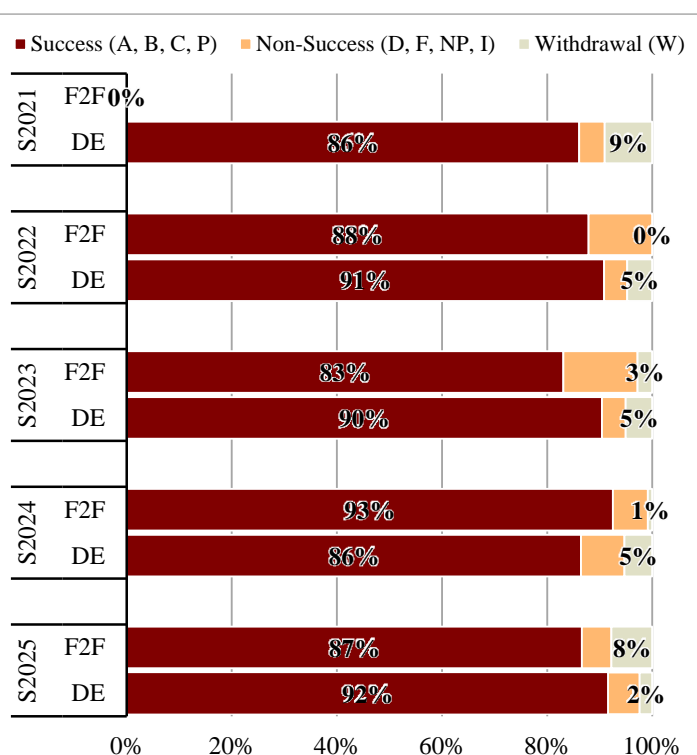
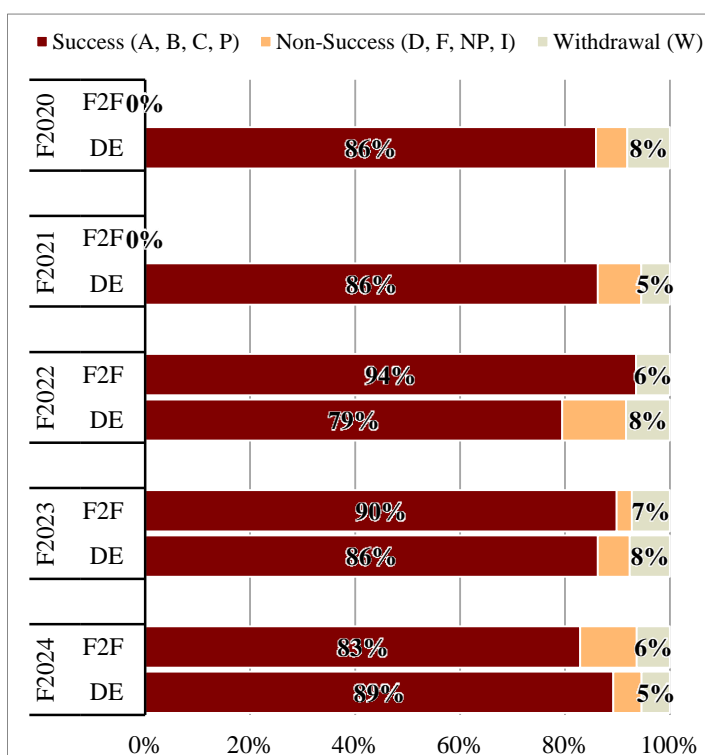
Course Success Rate: Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D' or F* (includes: 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP').

Withdrawals are the share of course enrollments resulting in (1) a grade notation of 'W', 'MW', or 'EW', or, (2) a course dropped due to COVID-19.

Student Performance: Distance Education

Geology (GEOL)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Total Course Enrollments	468	328	301	251	380	353	263	290	290	309
Face-to-Face (F2F) Sections	0	0	62	69	158	0	33	71	120	142
Success Rates	—	—	94%	90%	83%	—	88%	83%	93%	87%
Non-Success Rates	—	—	0%	3%	11%	—	12%	14%	7%	6%
Withdrawals	—	—	6%	7%	6%	—	0%	3%	1%	8%
Distance Education (DE) Sections	468	328	239	182	222	353	230	219	170	167
Success Rates	86%	86%	79%	86%	89%	86%	91%	90%	86%	92%
Non-Success Rates	6%	8%	12%	6%	5%	5%	4%	5%	8%	6%
Withdrawals	8%	5%	8%	8%	5%	9%	5%	5%	5%	2%



Definitions:

Course Success Rate: Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

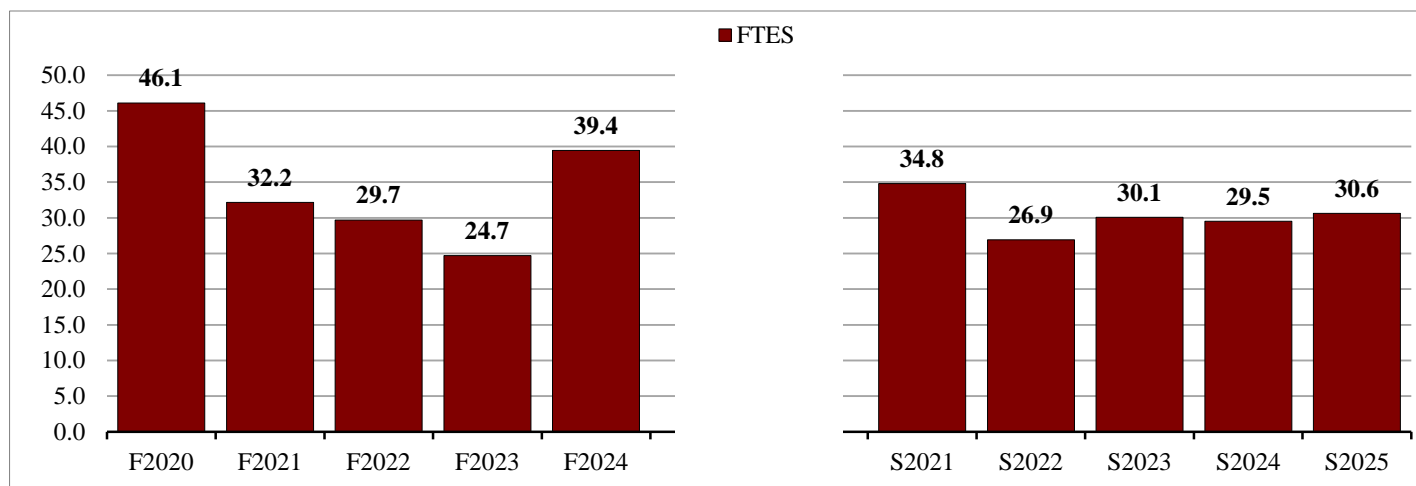
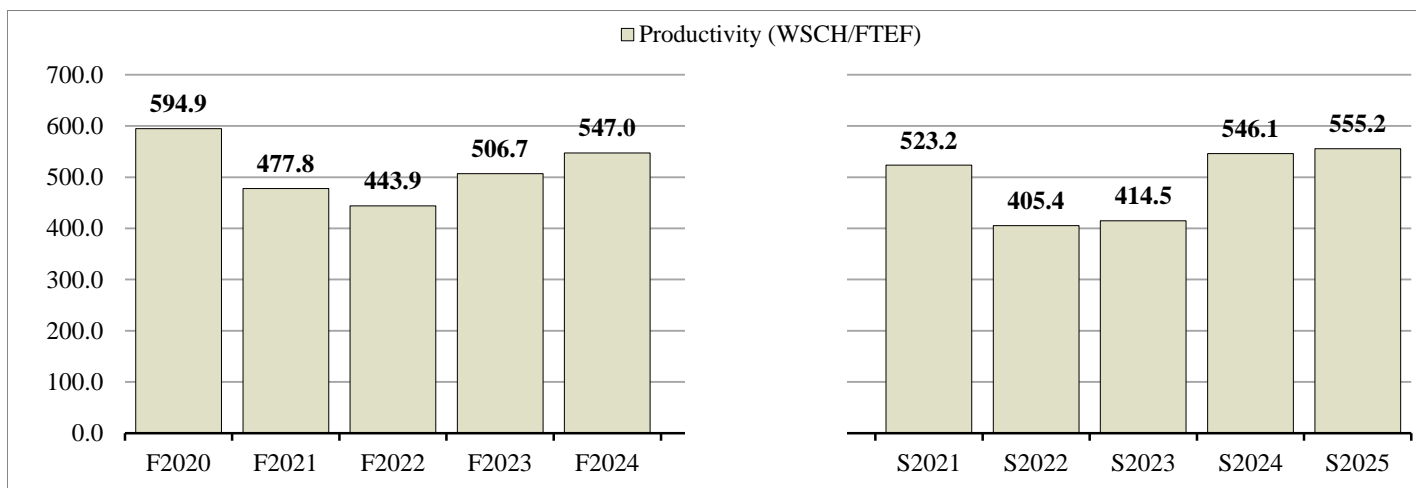
Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP'.

Withdrawals are the share of course enrollments resulting in (1) a grade notation of 'W', 'MW', or 'EW', or, (2) a course dropped due to COVID-19.

Distance Education (DE) includes enrollments in course sections that deliver course content online. (see note in "Students Using Distance Education" for details.)

Enrollment Management: Part 1

	Geology (GEOL)									
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
WSCH	1,410	989	910	760	1,217	1,062	821	912	901	930
FTES	46.1	32.2	29.7	24.7	39.4	34.8	26.9	30.1	29.5	30.6
FTEF	2.4	2.1	2.1	1.5	2.2	2.0	2.0	2.2	1.7	1.7
Productivity (WSCH/FTEF)	594.9	477.8	443.9	506.7	547.0	523.2	405.4	414.5	546.1	555.2



Definitions:

WSCH is the total Weekly Student Contact Hours resulting from all enrollment within the discipline.

FTES is the total Full Time Equivalent Student value resulting from all enrollment within the discipline.

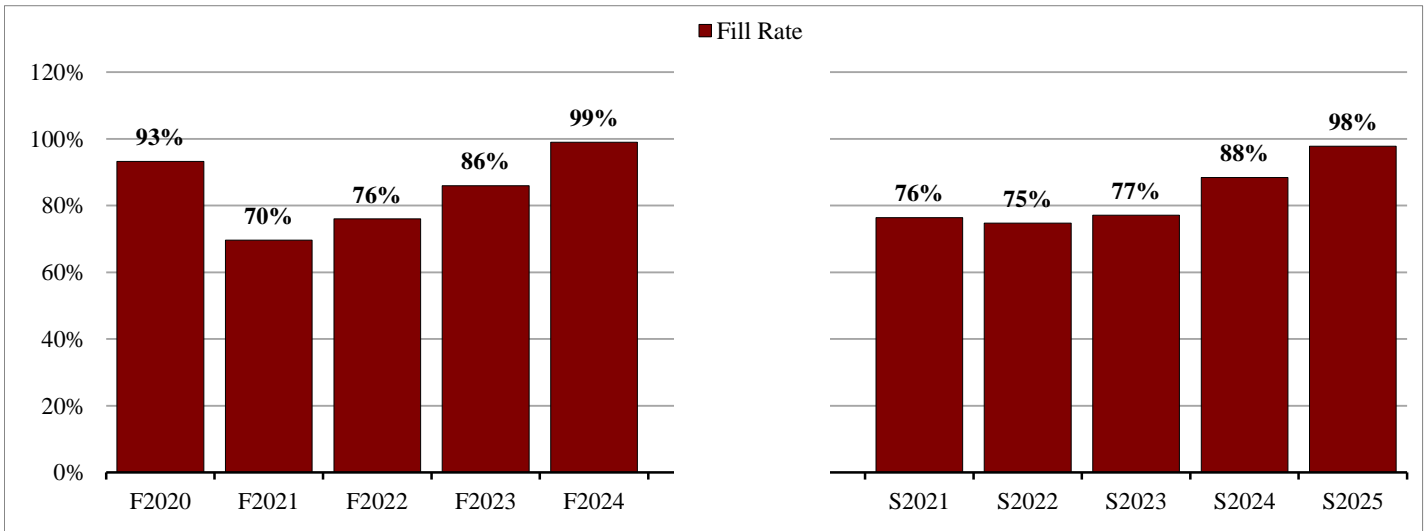
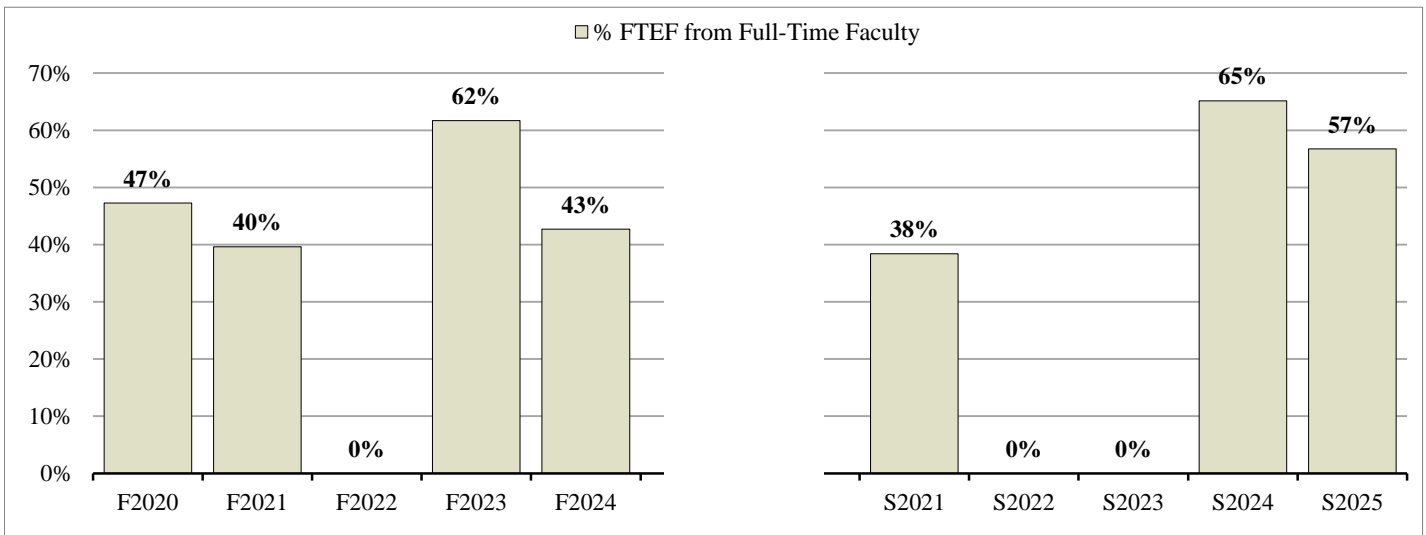
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

Productivity is the ratio of WSCH to FTEF and a standard measure of discipline efficiency.

Note: Enrollment Management data are of all courses accounted except NTUT / TUTR 200; latest data accessed on 7/25/23.

Enrollment Management: Part 2

Geology (GEOL)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
FTEF from Full-Time Faculty	1.1	0.8	0.0	0.9	1.0	0.8	0.0	0.0	1.1	1.0
% FTEF from Full-Time Faculty	47%	40%	0%	62%	43%	38%	0%	0%	65%	57%
Enrollments	468	328	301	251	380	353	263	290	290	309
Capacity (seats available)	502	471	396	292	384	462	352	376	328	316
Fill Rate	93%	70%	76%	86%	99%	76%	75%	77%	88%	98%



Definitions:

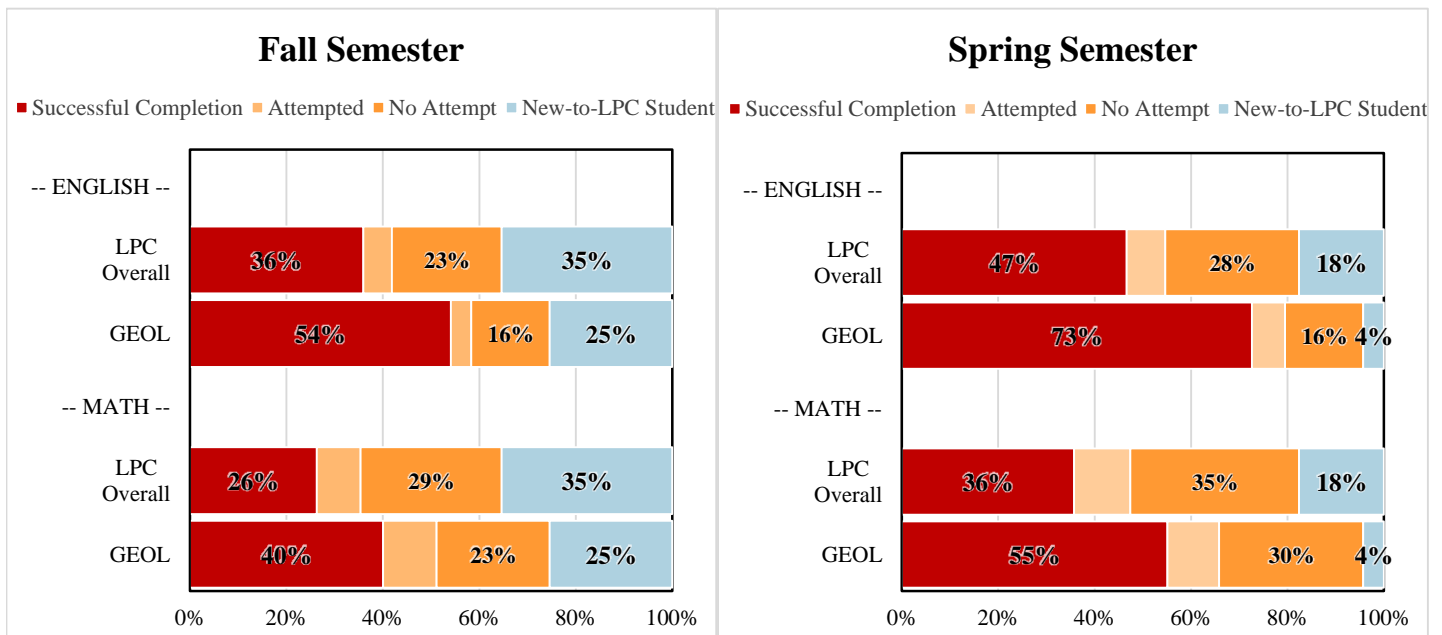
Fill Rate is number of enrollments over the total capacity (seats available).

% FTEF from Full-time Faculty is the FTEF generated by full-time faculty as load (i.e., excluding overload) divided by the total FTEF.

Note: Enrollment Management data are of all courses accounted except NTUT / TUTR 200; latest data accessed on 7/25/23.

Prior Experience in English & Math

(English and math status prior to the start of the term)	Fall 2024				Spring 2025			
	GEOL		LPC Overall		GEOL		LPC Overall	
	Num	Pct	Num	Pct	Num	Pct	Num	Pct
Transfer-level English								
Successful Completion*	166	54%	2,993	36%	170	73%	3,734	47%
Attempted (not successful)	13	4%	492	6%	16	7%	641	8%
No Attempt	50	16%	1,892	23%	38	16%	2,223	28%
New-to-LPC Student	78	25%	2,946	35%	10	4%	1,409	18%
Transfer-level Math								
Successful Completion*	123	40%	2,189	26%	129	55%	2,859	36%
Attempted (not successful)	34	11%	757	9%	25	11%	935	12%
No Attempt	72	23%	2,431	29%	70	30%	2,804	35%
New-to-LPC Student	78	25%	2,946	35%	10	4%	1,409	18%



Definitions:

Transfer-Level English:

Successful Completion = earned a passing grade in ENG 1A or 1AEX, or attempted a higher transfer-level course in the sequence in prior terms.

Attempted (no successful completion) = attempted ENG 1A or 1AEX in prior terms but did not receive a passing grade.

No Prior Attempt = no prior enrollment in transfer-level English within the sequence.

New-to-LPC Student = students with no for credit enrollments within our district prior to the current term.

Transfer-Level Math:

Successful Completion = earned a passing grade in a transfer-level math course or attempted a higher transfer-level course in the sequence in prior terms.

Attempted (no successful completion) = attempted a entry transfer-level math course in prior terms but did not receive a passing grade.

No Prior Attempt = no prior enrollment in transfer-level math within the sequence.

New-to-LPC Student = students with no for credit enrollments within our district prior to the current term.