



Las Positas College
Discipline Program Review Data Packet
Fall 2018 to Spring 2023

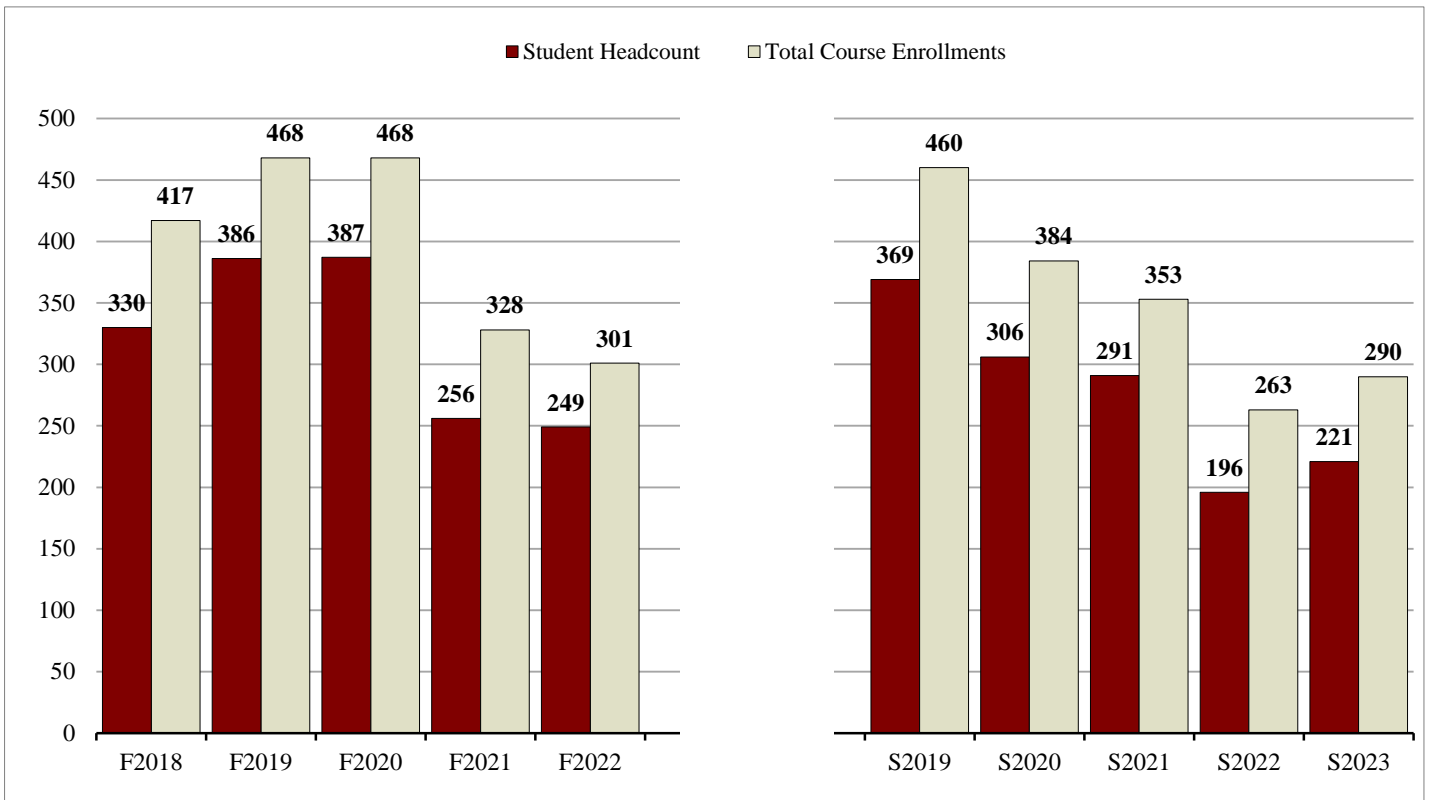
Discipline:

Geology (GEOL)

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Headcount & Enrollment

Geology (GEOL)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Student Headcount	330	386	387	256	249	369	306	291	196	221
Total Course Enrollments	417	468	468	328	301	460	384	353	263	290



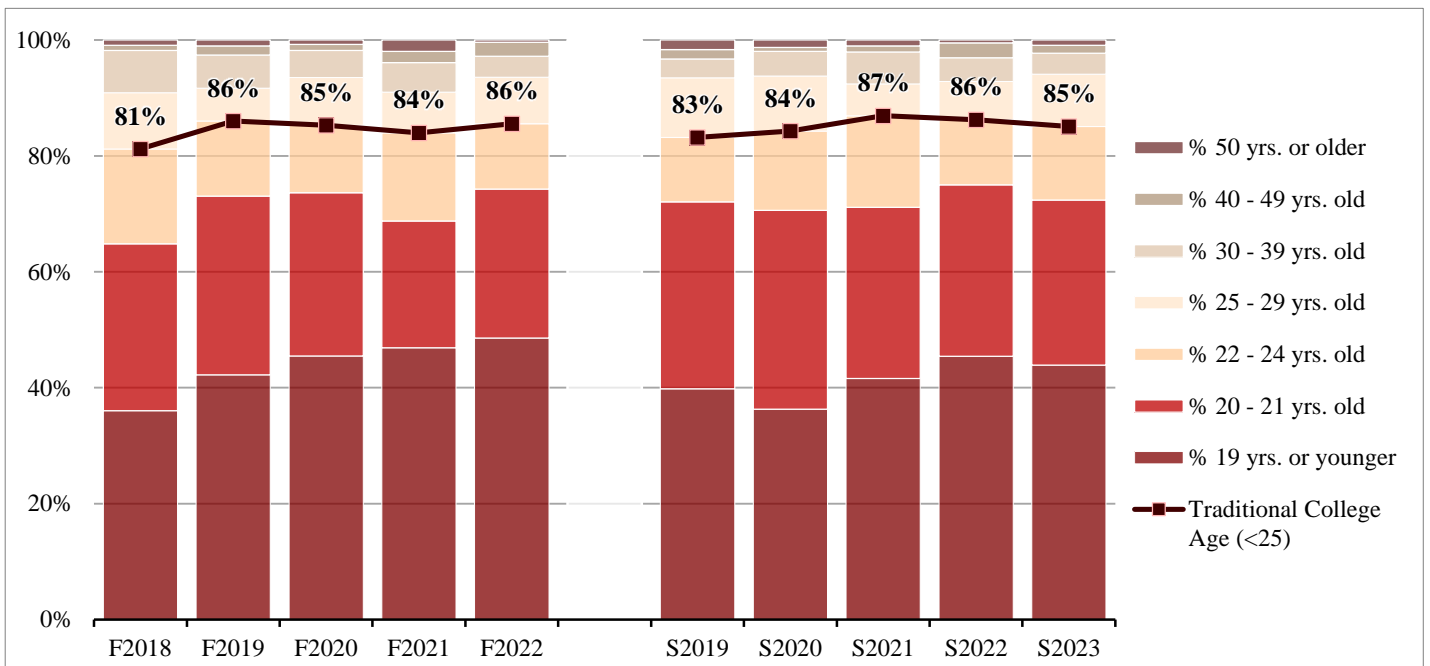
Definitions:

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.

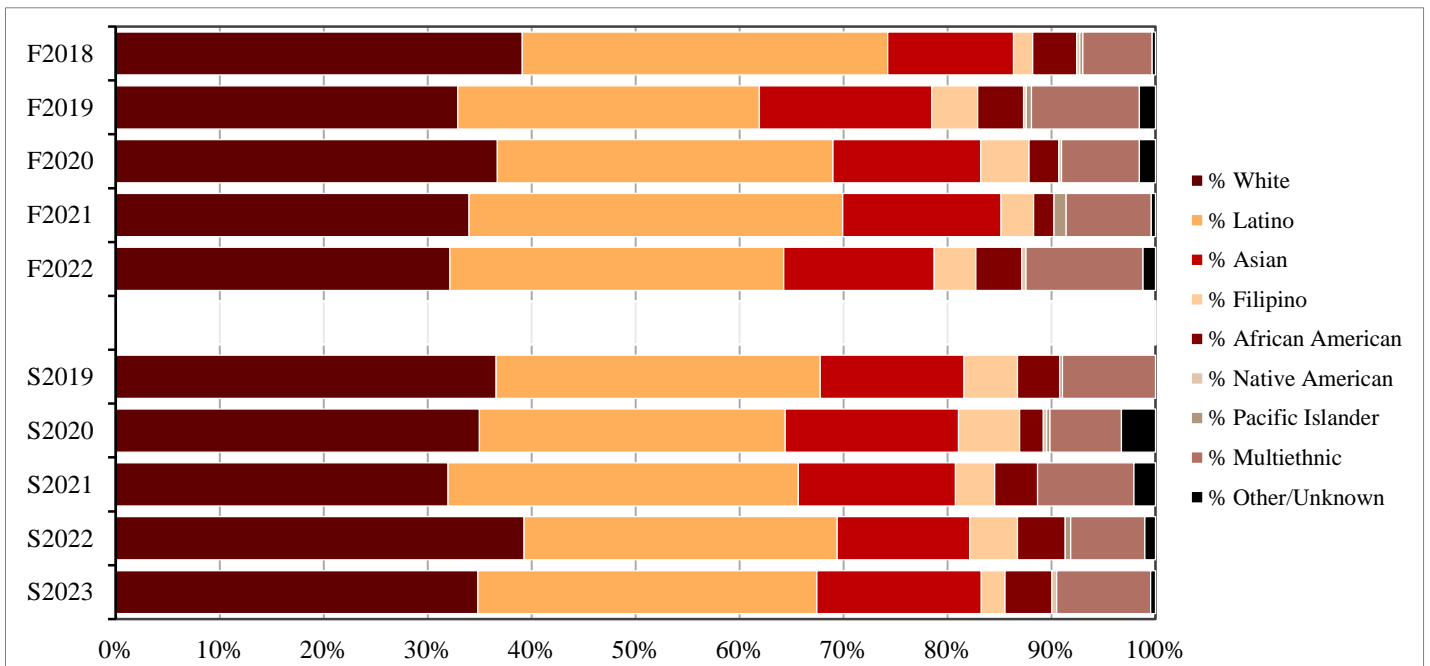
Student Demographics: Gender & Age

Geology (GEOL)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Female	170	199	196	133	121	194	166	145	98	118
Male	158	181	184	121	124	168	135	140	96	100
19 yrs. or younger	119	163	176	120	121	147	111	121	89	97
20-21 yrs. old	95	119	109	56	64	119	105	86	58	63
22-24 yrs. old	54	50	45	39	28	41	42	46	22	28
25-29 yrs. old	32	22	32	18	20	38	29	16	13	20
30-39 yrs. old	24	22	18	13	9	12	13	16	8	8
40-49 yrs. old	3	6	4	5	6	6	2	3	5	3
50 yrs. or older	3	4	3	5	1	6	4	3	1	2
% Female	52%	52%	52%	52%	49%	54%	55%	51%	51%	54%
% Male	48%	48%	48%	48%	51%	46%	45%	49%	49%	46%
% 19 yrs. or younger	36%	42%	45%	47%	49%	40%	36%	42%	45%	44%
% 20 - 21 yrs. old	29%	31%	28%	22%	26%	32%	34%	30%	30%	29%
% 22 - 24 yrs. old	16%	13%	12%	15%	11%	11%	14%	16%	11%	13%
% 25 - 29 yrs. old	10%	6%	8%	7%	8%	10%	9%	5%	7%	9%
% 30 - 39 yrs. old	7%	6%	5%	5%	4%	3%	4%	5%	4%	4%
% 40 - 49 yrs. old	1%	2%	1%	2%	2%	2%	1%	1%	3%	1%
% 50 yrs. or older	1%	1%	1%	2%	<1%	2%	1%	1%	1%	1%



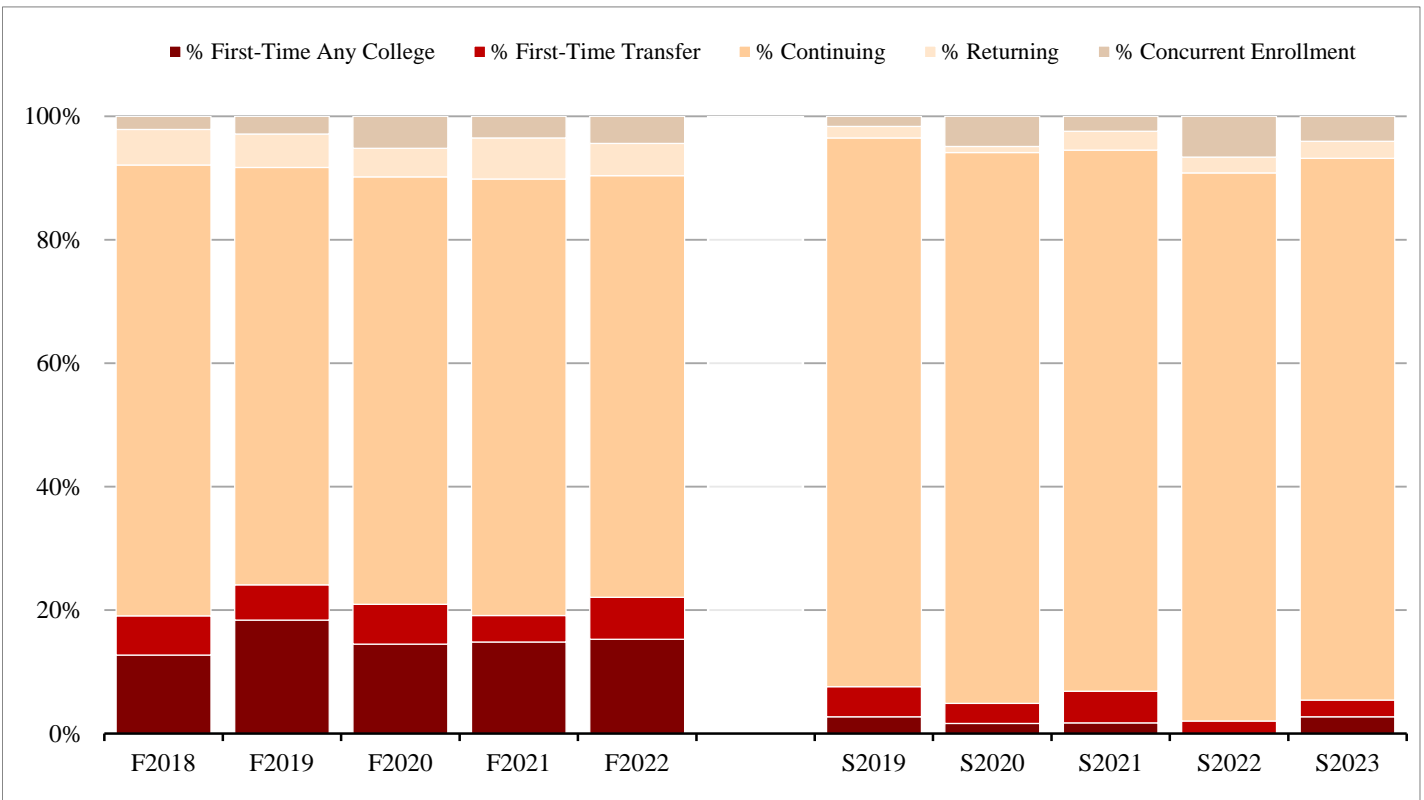
Student Demographic: Race-Ethnicity

Geology (GEOL)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
African American	14	17	11	5	11	15	7	12	9	10
Asian	40	64	55	39	36	51	51	44	25	35
Filipino	6	17	18	8	10	19	18	11	9	5
Latino	116	112	125	92	80	115	90	98	59	72
Native American	1	1	1	0	1	0	1	0	0	1
Pacific Islander	1	2	0	3	0	1	1	0	1	0
White	129	127	142	87	80	135	107	93	77	77
Multiethnic	22	40	29	21	28	33	21	27	14	20
Other/Unknown	1	6	6	1	3	0	10	6	2	1
% African American	4%	4%	3%	2%	4%	4%	2%	4%	5%	5%
% Asian	12%	17%	14%	15%	14%	14%	17%	15%	13%	16%
% Filipino	2%	4%	5%	3%	4%	5%	6%	4%	5%	2%
% Latino	35%	29%	32%	36%	32%	31%	29%	34%	30%	33%
% Native American	<1%	<1%	<1%	0%	<1%	0%	<1%	0%	0%	<1%
% Pacific Islander	<1%	1%	0%	1%	0%	<1%	<1%	0%	1%	0%
% White	39%	33%	37%	34%	32%	37%	35%	32%	39%	35%
% Multiethnic	7%	10%	7%	8%	11%	9%	7%	9%	7%	9%
% Other/Unknown	<1%	2%	2%	<1%	1%	0%	3%	2%	1%	<1%



Student Enrollment Status

Geology (GEOL)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
First-Time Any College	42	71	56	38	38	10	5	5	0	6
First-Time Transfer	21	22	25	11	17	18	10	15	4	6
Continuing	241	261	268	181	170	328	273	255	174	194
Returning	19	21	18	17	13	7	3	9	5	6
Concurrent Enrollment	7	11	20	9	11	6	15	7	13	9
% First-Time Any College	13%	18%	14%	15%	15%	3%	2%	2%	0%	3%
% First-Time Transfer	6%	6%	6%	4%	7%	5%	3%	5%	2%	3%
% Continuing	73%	68%	69%	71%	68%	89%	89%	88%	89%	88%
% Returning	6%	5%	5%	7%	5%	2%	1%	3%	3%	3%
% Concurrent Enrollment	2%	3%	5%	4%	4%	2%	5%	2%	7%	4%



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.

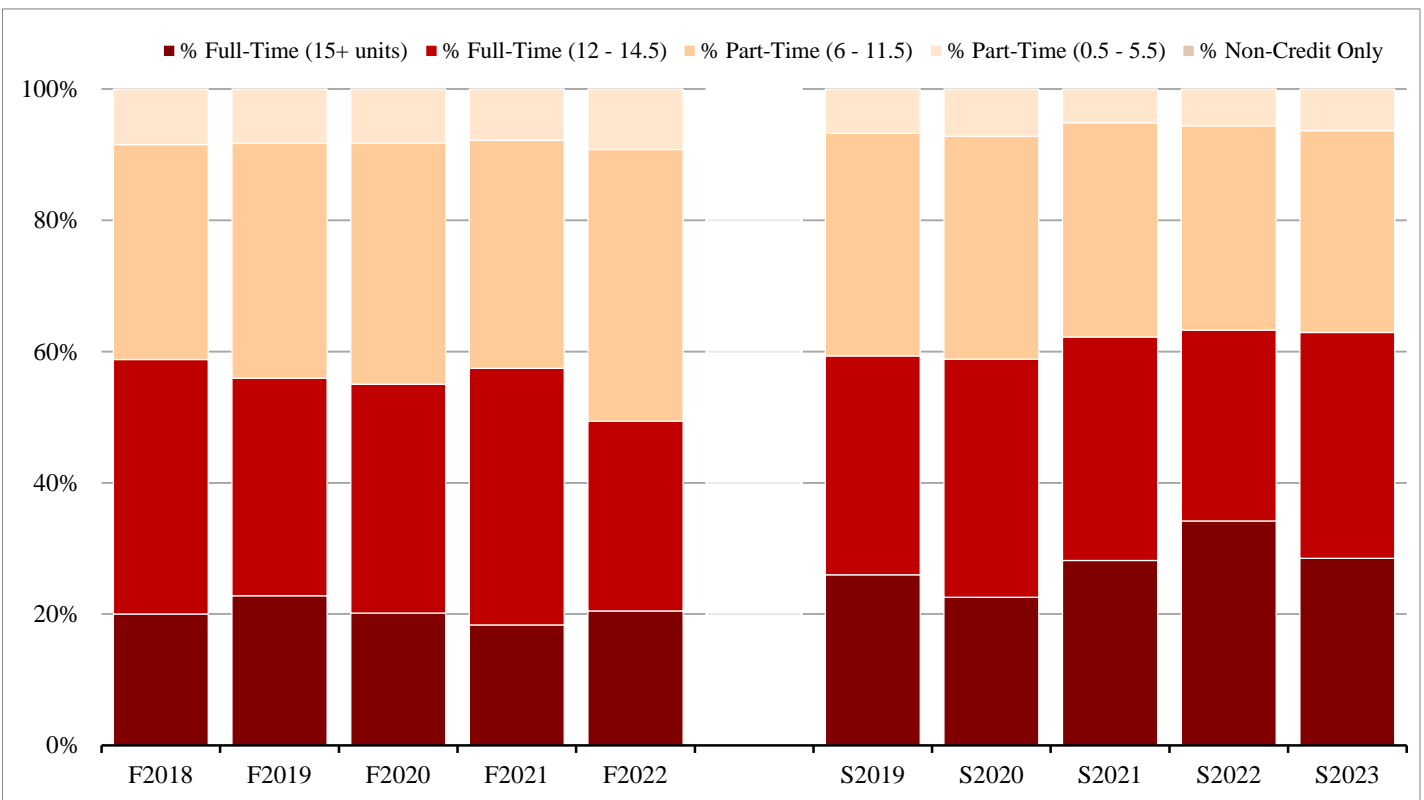
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.

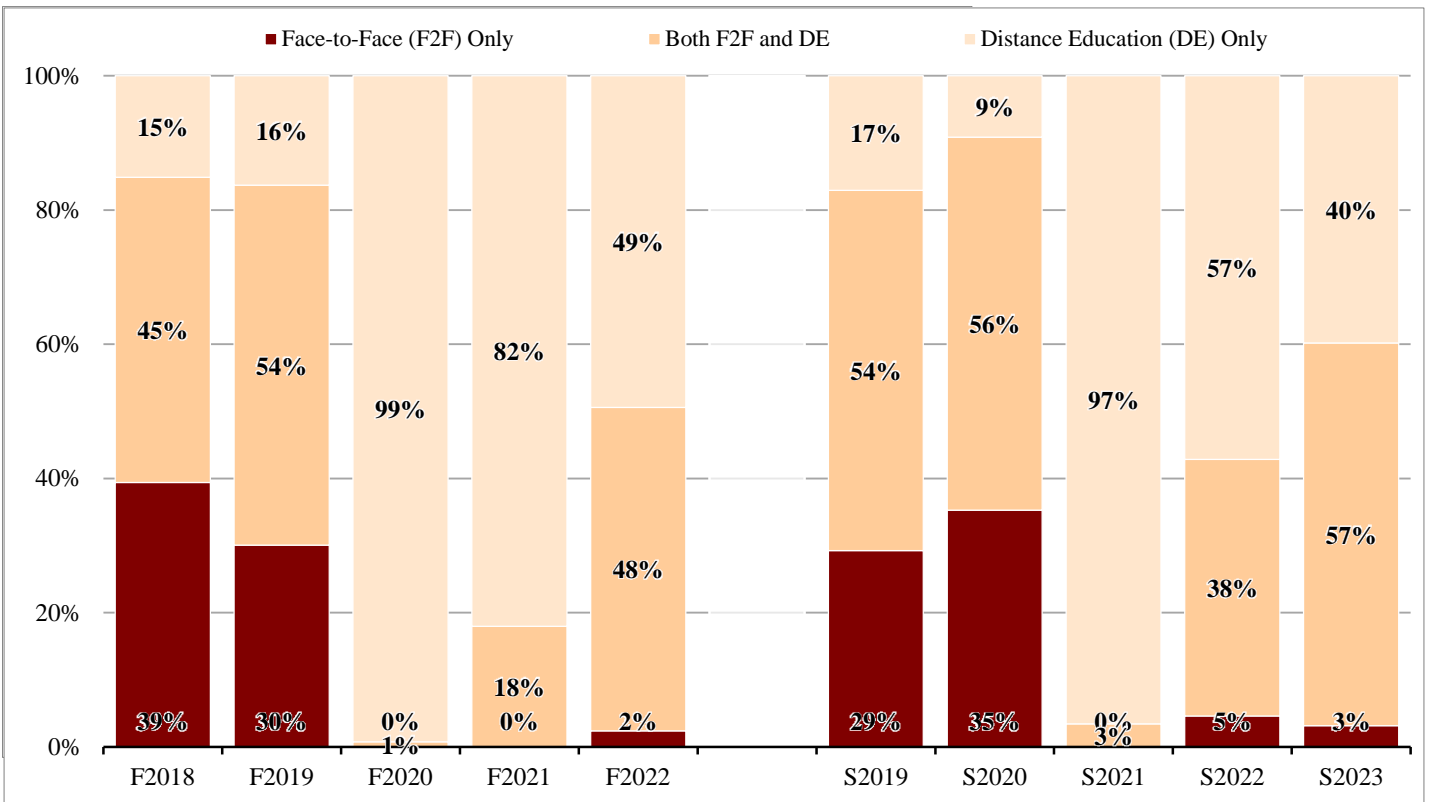
Student Unit Load

Geology (GEOL)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Full-Time (15+ units)	66	88	78	47	51	96	69	82	67	63
Full-Time (12 - 14.5 units)	128	128	135	100	72	123	111	99	57	76
Part-Time (6 - 11.5 units)	108	138	142	89	103	125	104	95	61	68
Part-Time (0.5 - 5.5 units)	28	32	32	20	23	25	22	15	11	14
Non-Credit Only	0	0	0	0	0	0	0	0	0	0
% Full-Time (15+ units)	20%	23%	20%	18%	20%	26%	23%	28%	34%	29%
% Full-Time (12 - 14.5)	39%	33%	35%	39%	29%	33%	36%	34%	29%	34%
% Part-Time (6 - 11.5)	33%	36%	37%	35%	41%	34%	34%	33%	31%	31%
% Part-Time (0.5 - 5.5)	8%	8%	8%	8%	9%	7%	7%	5%	6%	6%
% 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				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Face-to-Face (F2F) Only	130	116	0	0	6	108	108	0	9	7
Both F2F and DE	150	207	3	46	120	198	170	10	75	126
Distance Education (DE) Only	50	63	384	210	123	63	28	281	112	88
% Face-to-Face (F2F) Only	39%	30%	0%	0%	2%	29%	35%	0%	5%	3%
% Both F2F and DE	45%	54%	1%	18%	48%	54%	56%	3%	38%	57%
% Distance Education (DE) Only	15%	16%	99%	82%	49%	17%	9%	97%	57%	40%

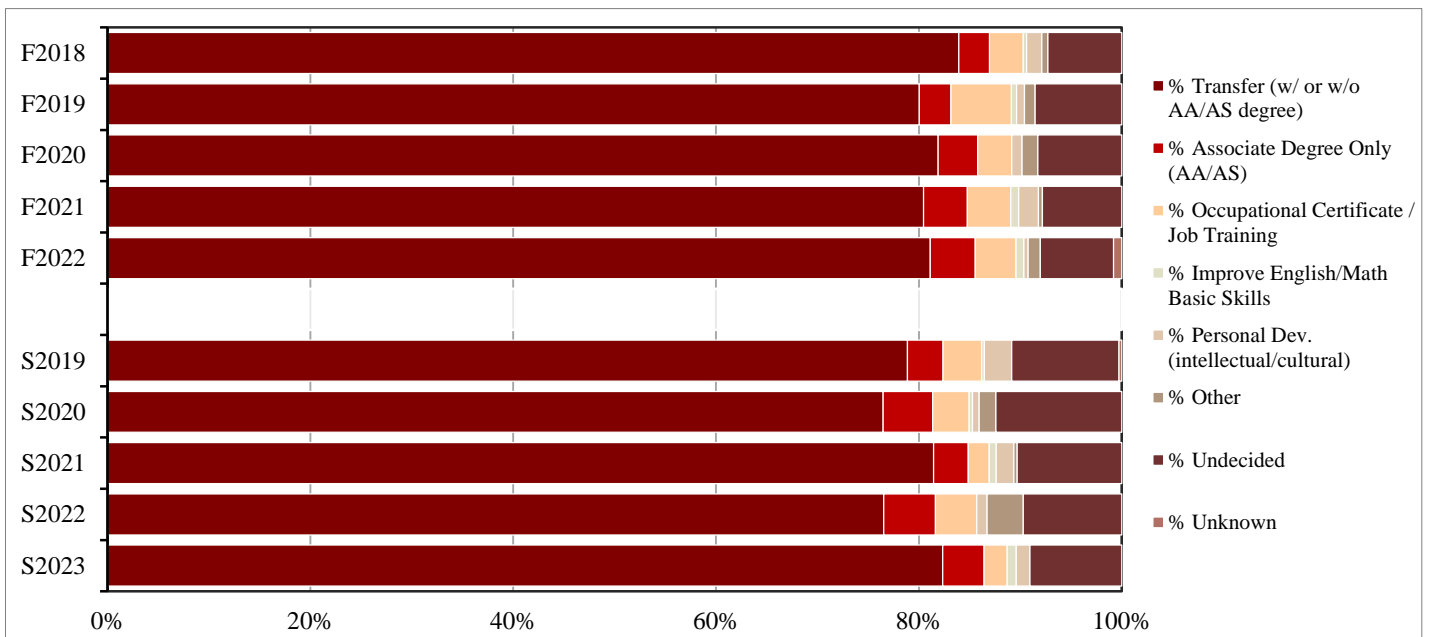


Definitions:

Distance Education (DE) includes enrollments in course sections that begin with 'DE', 'HD', 'LD' and 'LO'. In 2020-21, due to the COVID-19 pandemic, DE sections were distinguished through provisional designations.

Student Educational Goal

Geology (GEOL)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Transfer (w/ or w/o AA/AS degree)	277	309	317	206	202	291	234	237	150	182
Associate Degree Only (AA/AS)	10	12	15	11	11	13	15	10	10	9
Occupational Certificate / Job Training	11	23	13	11	10	14	11	6	8	5
Improve English/Math Basic Skills	1	2	0	2	2	1	1	2	0	2
Personal Development (intellectual/cultural)	5	3	4	5	1	10	2	5	2	3
Other	2	4	6	1	3	0	5	1	7	0
Undecided	24	33	32	20	18	39	38	30	19	20
Unknown	0	0	0	0	2	1	0	0	0	0
% Transfer (w/ or w/o AA/AS degree)	84%	80%	82%	80%	81%	79%	76%	81%	77%	82%
% Associate Degree Only (AA/AS)	3%	3%	4%	4%	4%	4%	5%	3%	5%	4%
% Occupational Certificate / Job Training	3%	6%	3%	4%	4%	4%	4%	2%	4%	2%
% Improve English/Math Basic Skills	<1%	1%	0%	1%	1%	<1%	<1%	1%	0%	1%
% Personal Dev. (intellectual/cultural)	2%	1%	1%	2%	<1%	3%	1%	2%	1%	1%
% Other	1%	1%	2%	<1%	1%	0%	2%	<1%	4%	0%
% Undecided	7%	9%	8%	8%	7%	11%	12%	10%	10%	9%
% Unknown	0%	0%	0%	0%	1%	<1%	0%	0%	0%	0%

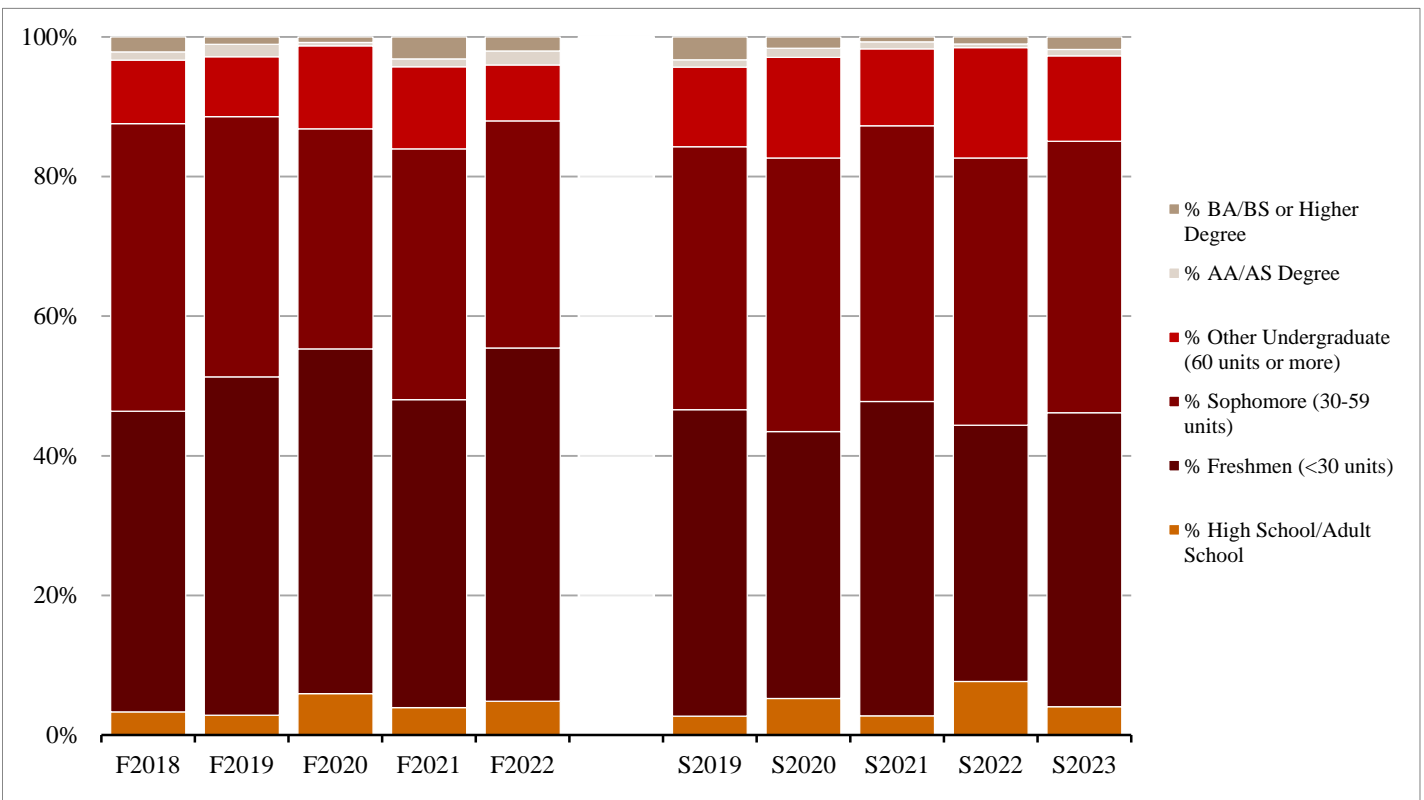


Definitions:

- 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.

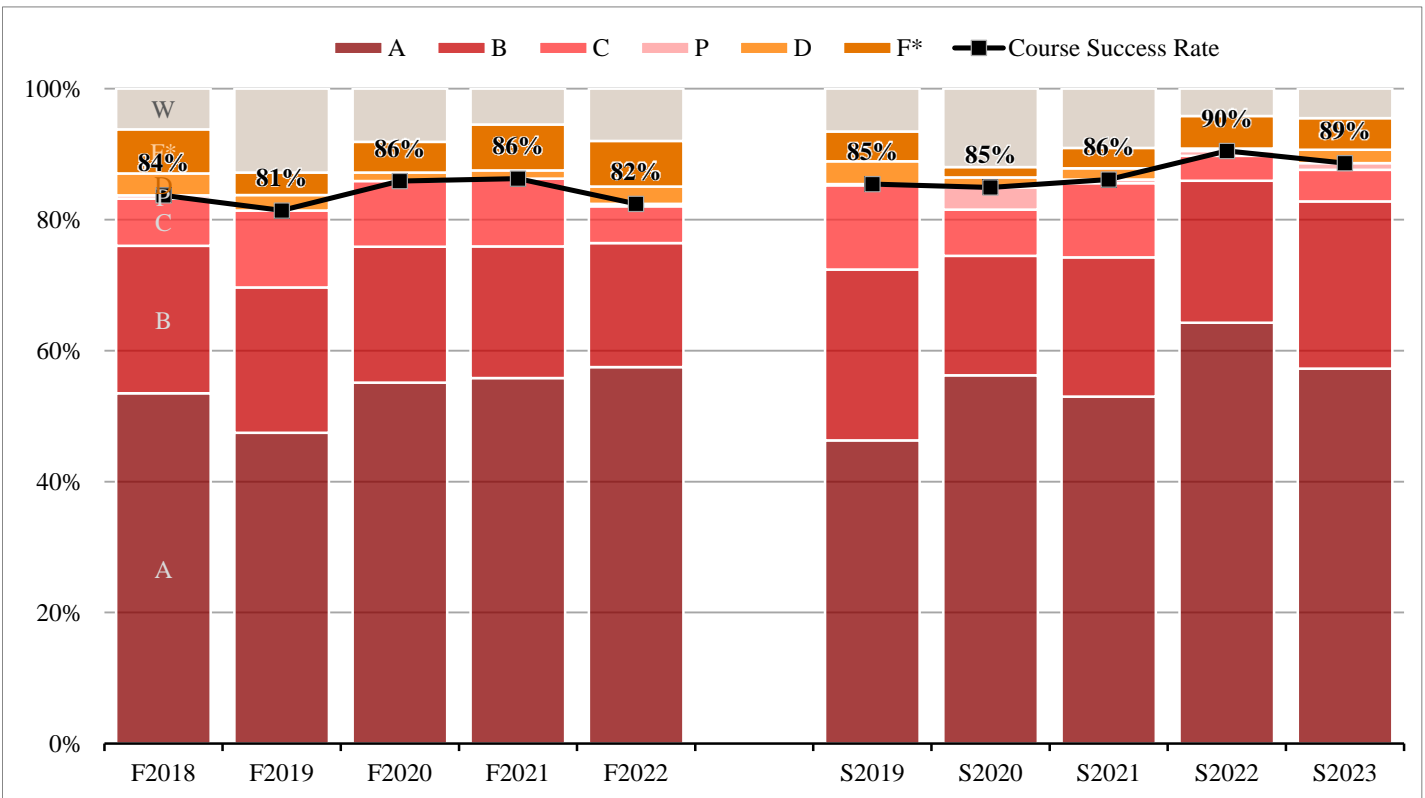
Highest Educational Level of Students

Geology (GEOL)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
High School/Adult School	11	11	23	10	12	10	16	8	15	9
Freshmen (<30 units)	142	187	191	113	126	162	117	131	72	93
Sophomore (30-59 units)	136	144	122	92	81	139	120	115	75	86
Other Undergraduate (60 units or more)	30	33	46	30	20	42	44	32	31	27
AA/AS Degree	4	7	2	3	5	4	4	3	1	2
BA/BS or Higher Degree	7	4	3	8	5	12	5	2	2	4
% High School/Adult School	3%	3%	6%	4%	5%	3%	5%	3%	8%	4%
% Freshmen (<30 units)	43%	48%	49%	44%	51%	44%	38%	45%	37%	42%
% Sophomore (30-59 units)	41%	37%	32%	36%	33%	38%	39%	40%	38%	39%
% Other Undergraduate (60 units or more)	9%	9%	12%	12%	8%	11%	14%	11%	16%	12%
% AA/AS Degree	1%	2%	1%	1%	2%	1%	1%	1%	1%	1%
% BA/BS or Higher Degree	2%	1%	1%	3%	2%	3%	2%	1%	1%	2%



Student Performance: Grade Distribution

Geology (GEOL)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Total Course Enrollments	417	468	468	328	301	460	384	353	263	290
Course Success Rates	84%	81%	86%	86%	82%	85%	85%	86%	90%	89%
A	53%	47%	55%	56%	57%	46%	56%	53%	64%	57%
B	23%	22%	21%	20%	19%	26%	18%	21%	22%	26%
C	7%	12%	10%	10%	6%	13%	7%	11%	4%	5%
P	<1%	0%	0%	0%	<1%	<1%	3%	1%	1%	1%
Course Non-Success Rate	10%	6%	6%	8%	10%	8%	3%	5%	5%	7%
D	3%	2%	1%	1%	3%	3%	2%	2%	<1%	2%
F*	7%	3%	5%	7%	7%	5%	2%	3%	5%	5%
Withdrawals (See Note)	6%	13%	8%	5%	8%	7%	12%	9%	4%	4%



Definitions:

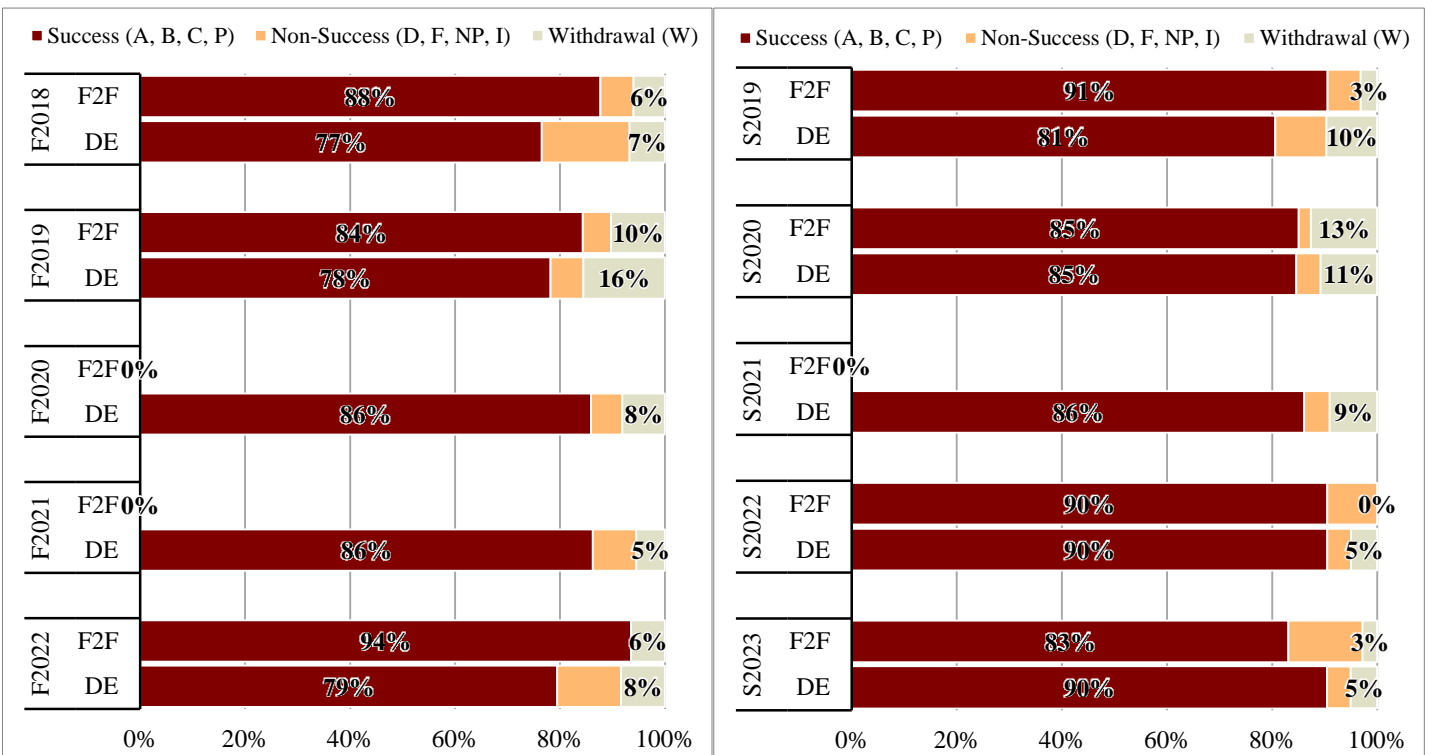
Course Success Rate: Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D' or F* (includes: 'F', 'NP', 'I', '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				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Total Course Enrollments	417	468	468	328	301	460	384	353	263	290
Face-to-Face (F2F) Sections	268	243	0	0	62	223	254	0	42	71
Success Rates	88%	84%	—	—	94%	91%	85%	—	90%	83%
Non-Success Rates	6%	5%	—	—	0%	6%	2%	—	10%	14%
Withdrawals	6%	10%	—	—	6%	3%	13%	—	0%	3%
Distance Education (DE) Sections	149	225	468	328	239	237	130	353	221	219
Success Rates	77%	78%	86%	86%	79%	81%	85%	86%	90%	90%
Non-Success Rates	17%	6%	6%	8%	12%	10%	5%	5%	5%	5%
Withdrawals	7%	16%	8%	5%	8%	10%	11%	9%	5%	5%



Definitions:

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

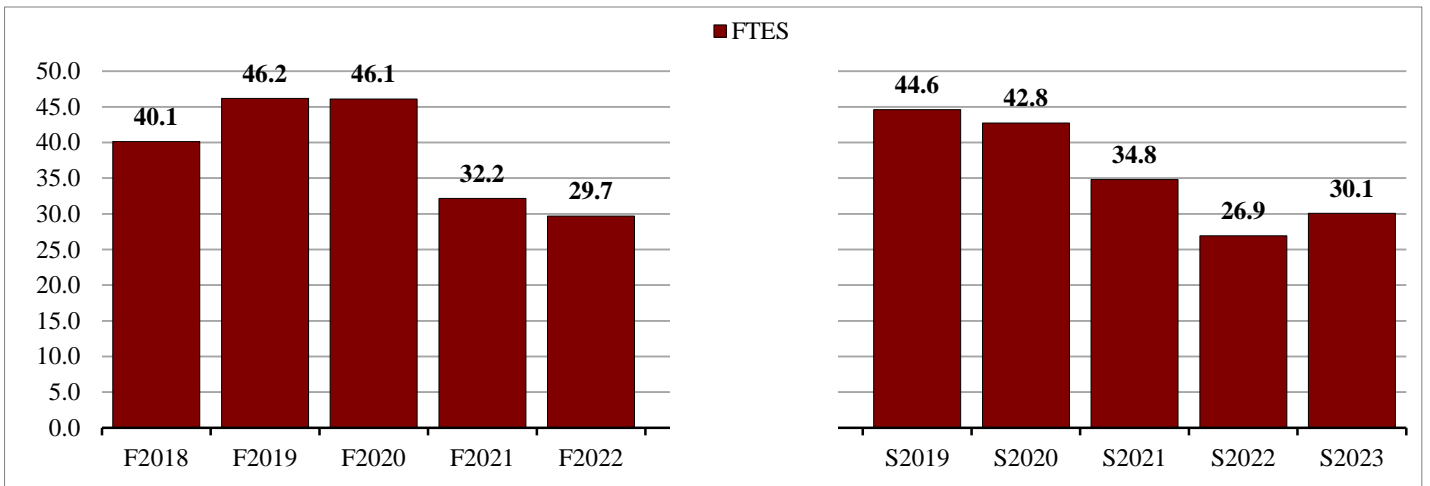
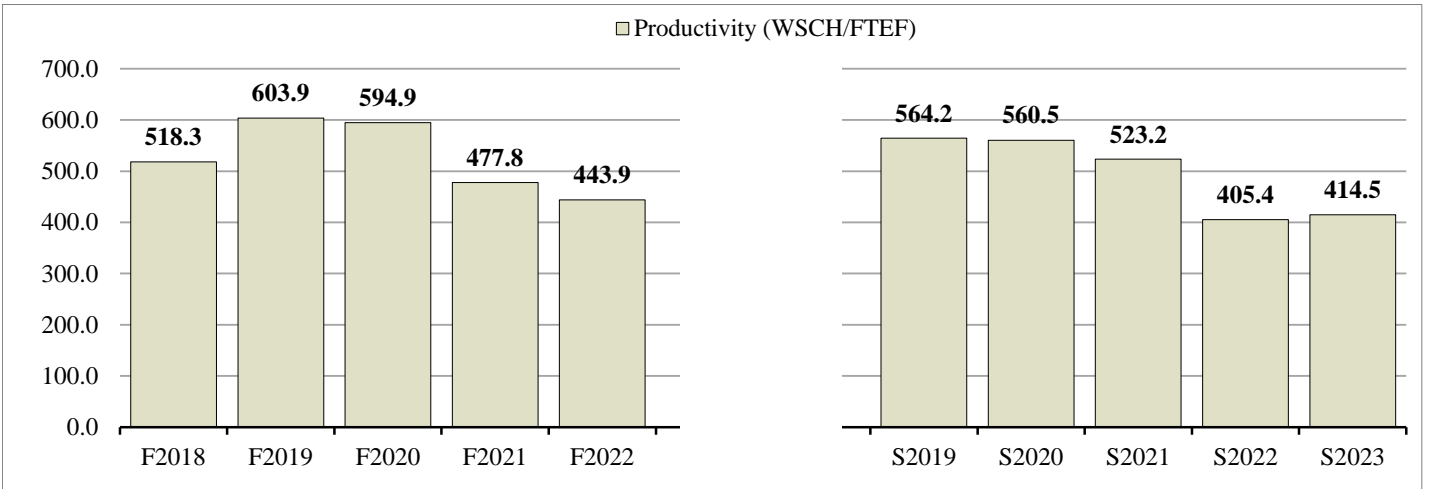
Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP'.

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 begin with 'DE', 'HD', 'LD' and 'LO'. In 2020-21, due to the COVID-19 pandemic, DE sections were distinguished through provisional designations.

Enrollment Management: Part 1

	Geology (GEOL)									
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
WSCH	1,244	1,407	1,410	989	910	1,371	1,334	1,062	821	912
FTES	40.1	46.2	46.1	32.2	29.7	44.6	42.8	34.8	26.9	30.1
FTEF	2.4	2.3	2.4	2.1	2.1	2.4	2.4	2.0	2.0	2.2
Productivity (WSCH/FTEF)	518.3	603.9	594.9	477.8	443.9	564.2	560.5	523.2	405.4	414.5



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.

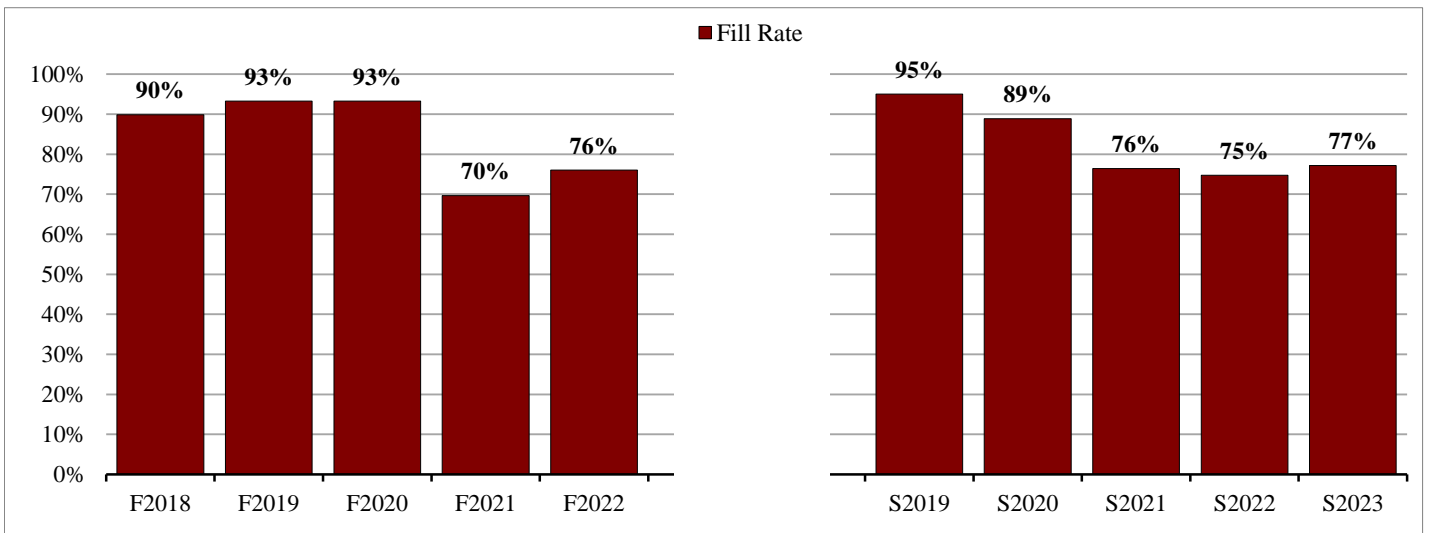
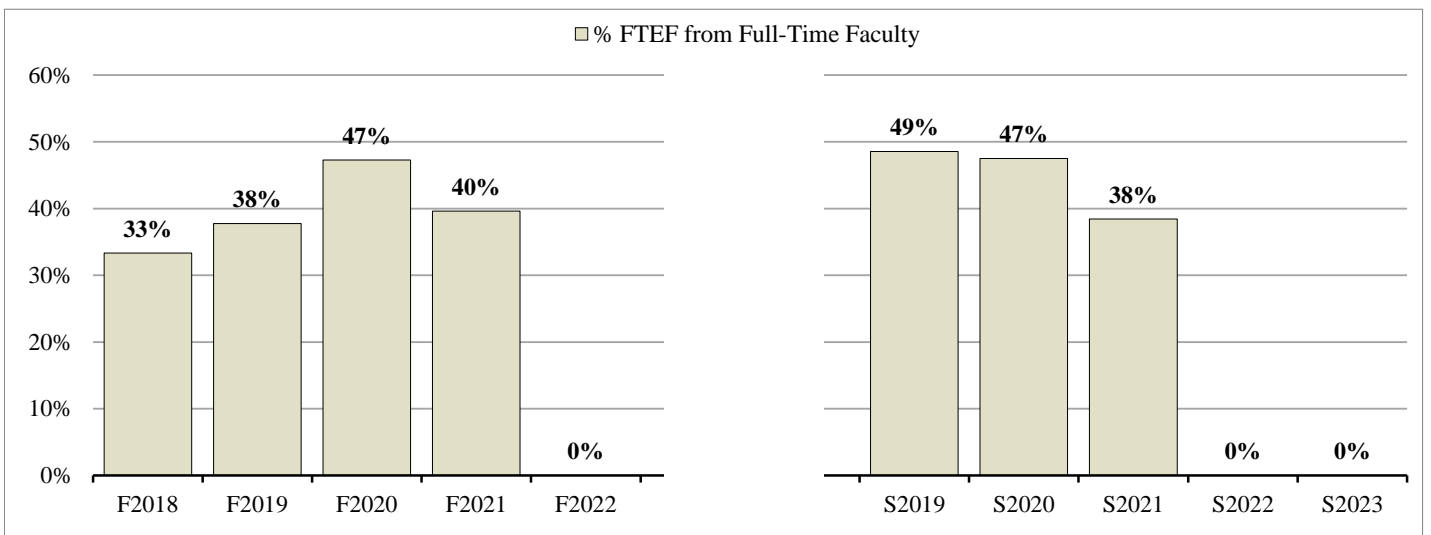
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
FTEF from Full-Time Faculty	0.8	0.9	1.1	0.8	0.0	1.2	1.1	0.8	0.0	0.0
% FTEF from Full-Time Faculty	33%	38%	47%	40%	0%	49%	47%	38%	0%	0%
Enrollments	417	468	468	328	301	460	384	353	263	290
Capacity (seats available)	464	502	502	471	396	484	432	462	352	376
Fill Rate	90%	93%	93%	70%	76%	95%	89%	76%	75%	77%



Definitions:

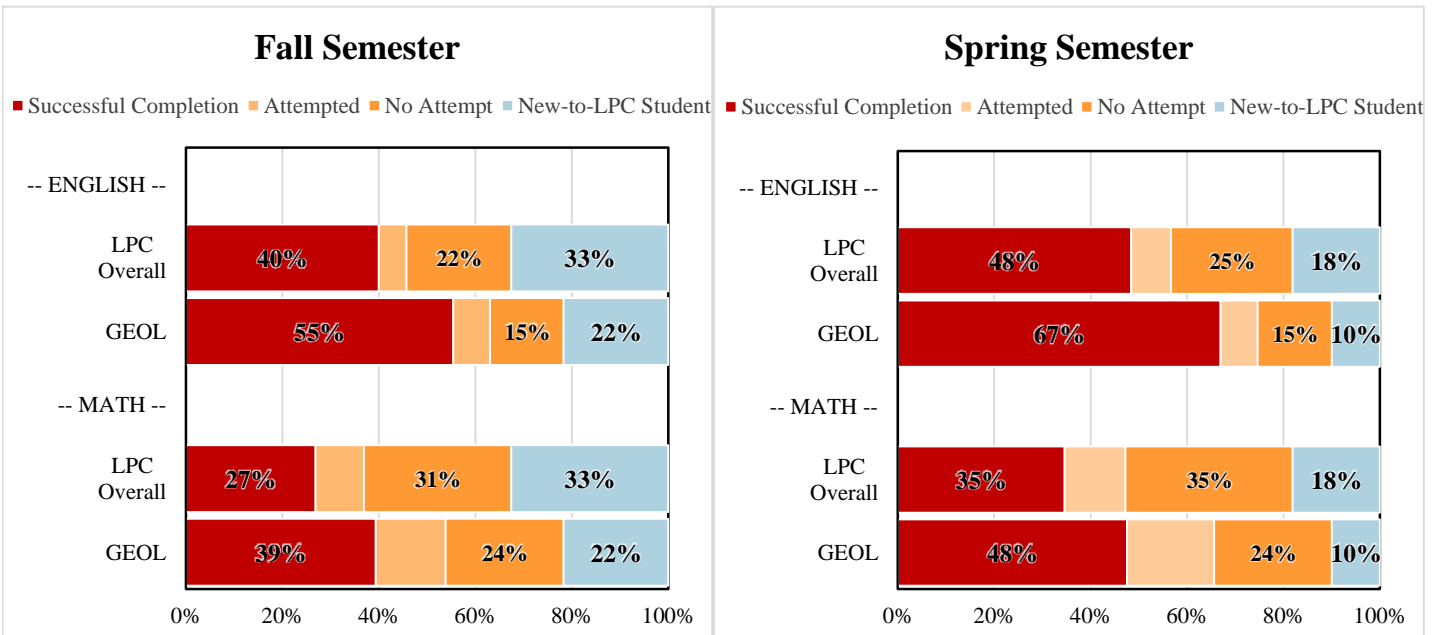
Fill Rate is number of enrollments over the total capacity (seats available).

% 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

<i>(English and math status prior to the start of the term)</i>	Fall 2022				Spring 2023			
	GEOL		LPC Overall		GEOL		LPC Overall	
	Num	Pct	Num	Pct	Num	Pct	Num	Pct
Transfer-level English								
Successful Completion*	138	55%	2,729	40%	148	67%	3,203	48%
Attempted (<i>not successful</i>)	19	8%	391	6%	17	8%	546	8%
No Attempt	38	15%	1,484	22%	34	15%	1,672	25%
New-to-LPC Student	54	22%	2,221	33%	22	10%	1,197	18%
Transfer-level Math								
Successful Completion*	98	39%	1,835	27%	105	48%	2,288	35%
Attempted (<i>not successful</i>)	36	14%	683	10%	40	18%	837	13%
No Attempt	61	24%	2,086	31%	54	24%	2,296	35%
New-to-LPC Student	54	22%	2,221	33%	22	10%	1,197	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 LPC Student** = enrollments from 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 an 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** = enrollments from students with no for credit enrollments within our district prior to the current term.