

# Las Positas College

# **Discipline Program Review Data Packet**

# Fall 2019 to Spring 2024

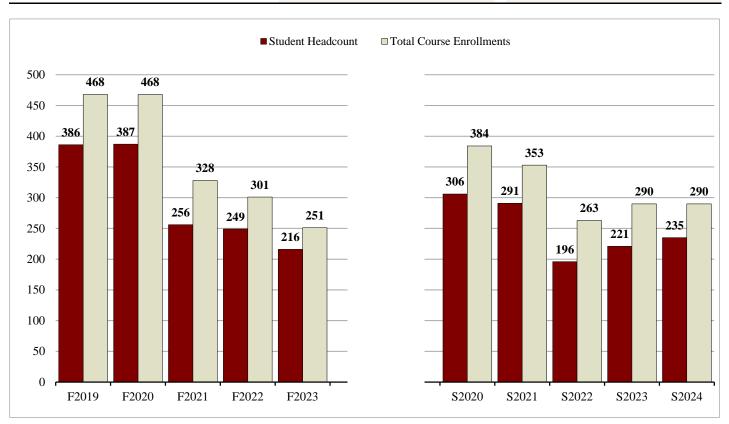
## Discipline:

## Geology (GEOL)

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## **Headcount & Enrollment**

Geology ( GEOL )											
		F	all Ter	ms	Spring Terms						
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024	
Student Headcount	386	387	256	249	216	306	291	196	221	235	
Total Course Enrollments	468	468	328	301	251	384	353	263	290	290	



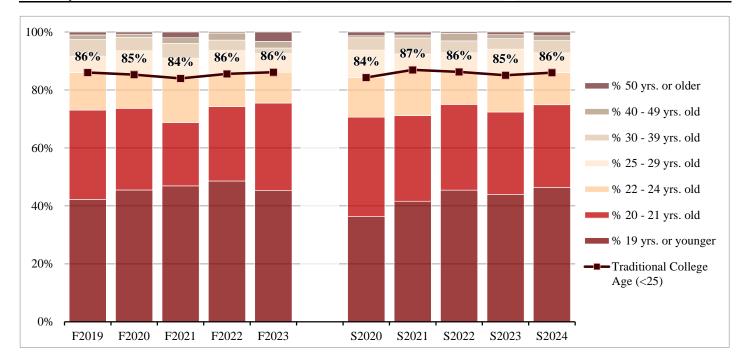
#### **Definitions**:

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.

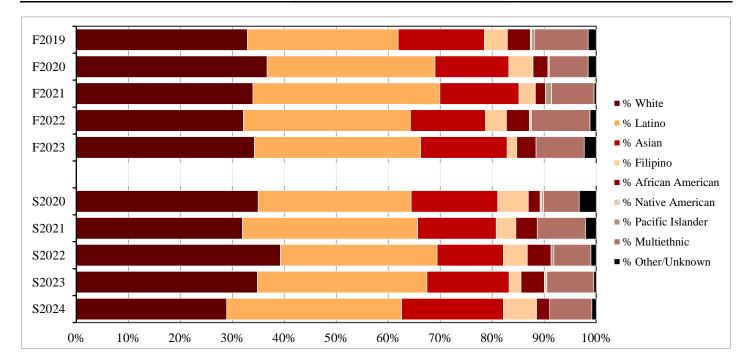
## Student Demographics: Gender & Age

	Ge	eology (	(GEO	L)						
		F	all Ter	ms			Spr	ing Te	rms	
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Female	199	196	133	121	104	166	145	98	118	128
Male	181	184	121	124	104	135	140	96	100	94
19 yrs. or younger	163	176	120	121	98	111	121	89	97	109
20-21 yrs. old	119	109	56	64	65	105	86	58	63	67
22-24 yrs. old	50	45	39	28	23	42	46	22	28	26
25-29 yrs. old	22	32	18	20	14	29	16	13	20	16
30-39 yrs. old	22	18	13	9	4	13	16	8	8	10
40-49 yrs. old	6	4	5	6	5	2	3	5	3	4
50 yrs. or older	4	3	5	1	7	4	3	1	2	3
% Female	52%	52%	52%	49%	50%	55%	51%	51%	54%	58%
% Male	48%	48%	48%	51%	50%	45%	49%	49%	46%	42%
% 19 yrs. or younger	42%	45%	47%	49%	45%	36%	42%	45%	44%	46%
% 20 - 21 yrs. old	31%	28%	22%	26%	30%	34%	30%	30%	29%	29%
% 22 - 24 yrs. old	13%	12%	15%	11%	11%	14%	16%	11%	13%	11%
% 25 - 29 yrs. old	6%	8%	7%	8%	6%	9%	5%	7%	9%	7%
% 30 - 39 yrs. old	6%	5%	5%	4%	2%	4%	5%	4%	4%	4%
% 40 - 49 yrs. old	2%	1%	2%	2%	2%	1%	1%	3%	1%	2%
% 50 yrs. or older	1%	1%	2%	<1%	3%	1%	1%	1%	1%	1%



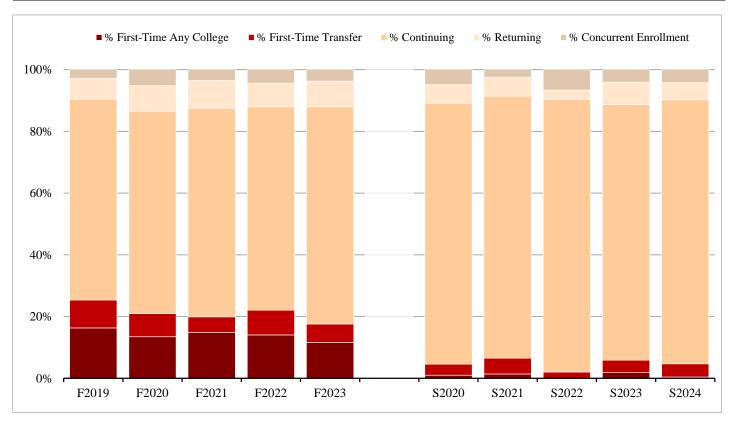
## **Student Demographic: Race-Ethnicity**

	G	eology	(GEO	L)						
			all Ter				Spr	ing Te	rms	
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
African American	17	11	5	11	8	7	12	9	10	6
Asian	64	55	39	36	36	51	44	25	35	46
Filipino	17	18	8	10	4	18	11	9	5	15
Latino	112	125	92	80	69	90	98	59	72	79
Native American	1	1	0	1	0	1	0	0	1	0
Pacific Islander	2	0	3	0	0	1	0	1	0	0
White	127	142	87	80	74	107	93	77	77	68
Multiethnic	40	29	21	28	20	21	27	14	20	19
Other/Unknown	6	6	1	3	5	10	6	2	1	2
% African American	4%	3%	2%	4%	4%	2%	4%	5%	5%	3%
% Asian	17%	14%	15%	14%	17%	17%	15%	13%	16%	20%
% Filipino	4%	5%	3%	4%	2%	6%	4%	5%	2%	6%
% Latino	29%	32%	36%	32%	32%	29%	34%	30%	33%	34%
% Native American	<1%	<1%	0%	<1%	0%	<1%	0%	0%	<1%	0%
% Pacific Islander	1%	0%	1%	0%	0%	<1%	0%	1%	0%	0%
% White	33%	37%	34%	32%	34%	35%	32%	39%	35%	29%
% Multiethnic	10%	7%	8%	11%	9%	7%	9%	7%	9%	8%
% Other/Unknown	2%	2%	<1%	1%	2%	3%	2%	1%	<1%	1%



## **Student Enrollment Status**

	Ge	eology	(GEO	L)						
		F	'all Ter	ms			Spr	ing Te	rms	
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
First-Time Any College	63	52	38	35	25	3	4	0	4	1
First-Time Transfer	35	29	13	20	13	11	15	4	9	10
Continuing	251	254	173	164	152	259	247	173	183	201
Returning	26	32	23	19	18	18	18	6	16	13
Concurrent Enrollment	11	20	9	11	8	15	7	13	9	10
% First-Time Any College	16%	13%	15%	14%	12%	1%	1%	0%	2%	<1%
% First-Time Transfer	9%	7%	5%	8%	6%	4%	5%	2%	4%	4%
% Continuing	65%	66%	68%	66%	70%	85%	85%	88%	83%	86%
% Returning	7%	8%	9%	8%	8%	6%	6%	3%	7%	6%
% Concurrent Enrollment	3%	5%	4%	4%	4%	5%	2%	7%	4%	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.

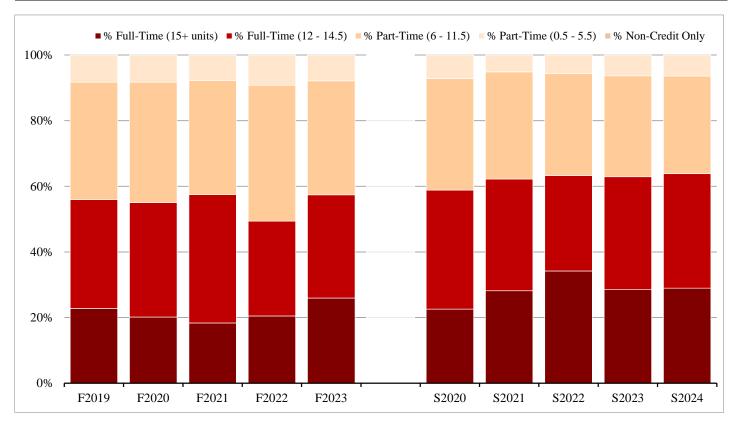
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.

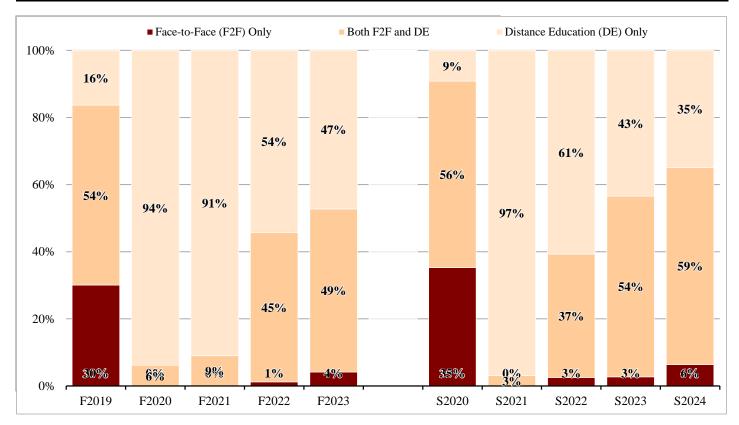
## **Student Unit Load**

	Ge	eology	(GEO	L)						
		F	'all Ter	ms			Spr	ing Te	rms	
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Full-Time (15+ units)	88	78	47	51	56	69	82	67	63	68
Full-Time (12 - 14.5 units)	128	135	100	72	68	111	99	57	76	82
Part-Time (6 - 11.5 units)	138	142	89	103	75	104	95	61	68	70
Part-Time (0.5 - 5.5 units)	32	32	20	23	17	22	15	11	14	15
Non-Credit Only	0	0	0	0	0	0	0	0	0	0
% Full-Time (15+ units)	23%	20%	18%	20%	26%	23%	28%	34%	29%	29%
% Full-Time (12 - 14.5)	33%	35%	39%	29%	31%	36%	34%	29%	34%	35%
% Part-Time (6 - 11.5)	36%	37%	35%	41%	35%	34%	33%	31%	31%	30%
% Part-Time (0.5 - 5.5)	8%	8%	8%	9%	8%	7%	5%	6%	6%	6%
% Non-Credit Only	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%



## **Students Using Distance Education**

	Geology ( GEOL )											
		F	all Ter	ms			Spr	ing Te	rms			
(Categories reflect college-wide coursework)	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024		
Face-to-Face (F2F) Only	116	0	0	3	9	108	0	5	6	15		
Both F2F and DE	207	24	23	111	105	170	9	72	119	138		
Distance Education (DE) Only	63	363	233	135	102	28	282	119	96	82		
% Face-to-Face (F2F) Only	30%	0%	0%	1%	4%	35%	0%	3%	3%	6%		
% Both F2F and DE	54%	6%	9%	45%	49%	56%	3%	37%	54%	59%		
% Distance Education (DE) Only	16%	94%	91%	54%	47%	9%	97%	61%	43%	35%		



#### **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.

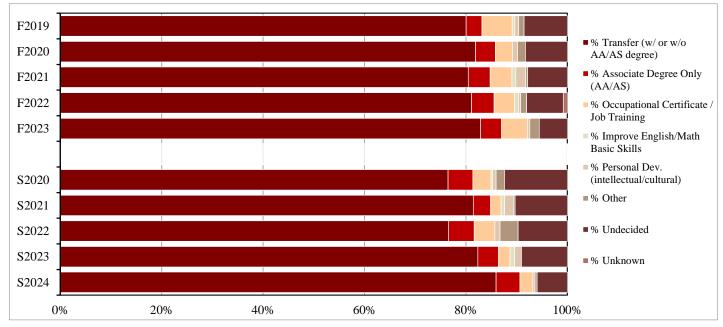
In Summer 2020 and Fall 2020, due to the COVID-19 pandemic, via web comments for each section; identified as any with an online component.

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

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

## **Student Educational Goal**

	Ge	eology	(GEO	L)						
		F	'all Ter	ms			Spr	ing Te	rms	
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Transfer (w/ or w/o AA/AS degree)	309	317	206	202	179	234	237	150	182	202
Associate Degree Only (AA/AS)	12	15	11	11	9	15	10	10	9	11
Occupational Certificate / Job Training	23	13	11	10	11	11	6	8	5	6
Improve English/Math Basic Skills	2	0	2	2	0	1	2	0	2	0
Personal Development (intellectual/cultural)	3	4	5	1	1	2	5	2	3	1
Other	4	6	1	3	4	5	1	7	0	1
Undecided	33	32	20	18	12	38	30	19	20	14
Unknown	0	0	0	2	0	0	0	0	0	0
% Transfer (w/ or w/o AA/AS degree)	80%	82%	80%	81%	83%	76%	81%	77%	82%	86%
% Associate Degree Only (AA/AS)	3%	4%	4%	4%	4%	5%	3%	5%	4%	5%
% Occupational Certificate / Job Training	6%	3%	4%	4%	5%	4%	2%	4%	2%	3%
% Improve English/Math Basic Skills	1%	0%	1%	1%	0%	<1%	1%	0%	1%	0%
% Personal Dev. (intellectual/cultural)	1%	1%	2%	<1%	<1%	1%	2%	1%	1%	<1%
% Other	1%	2%	<1%	1%	2%	2%	<1%	4%	0%	<1%
% Undecided	9%	8%	8%	7%	6%	12%	10%	10%	9%	6%
% Unknown	0%	0%	0%	1%	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.

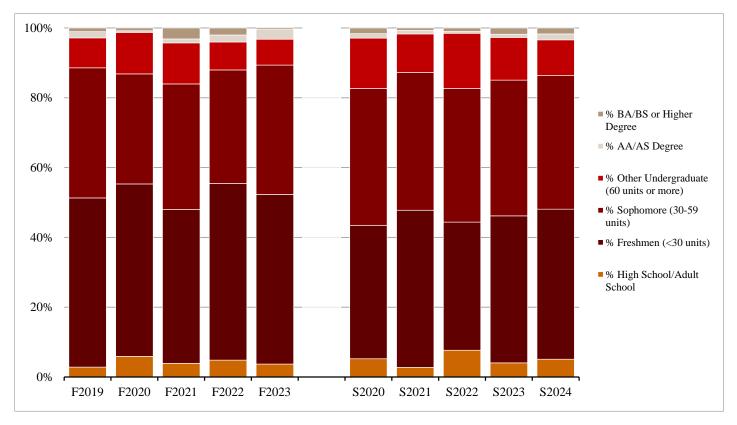
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

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.

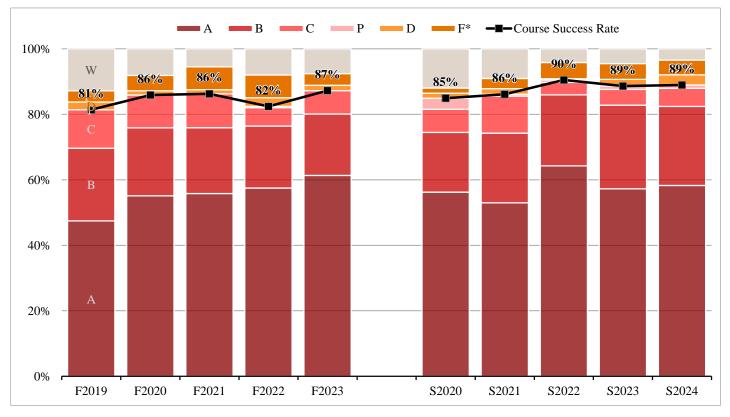
## **Highest Educational Level of Students**

	Ge	eology	(GEO	L)						
		F	'all Ter	ms			Spr	ing Te	rms	
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
High School/Adult School	11	23	10	12	8	16	8	15	9	12
Freshmen (<30 units)	187	191	113	126	105	117	131	72	93	101
Sophomore (30-59 units)	144	122	92	81	80	120	115	75	86	90
Other Undergraduate (60 units or more)	33	46	30	20	16	44	32	31	27	24
AA/AS Degree	7	2	3	5	6	4	3	1	2	4
BA/BS or Higher Degree	4	3	8	5	1	5	2	2	4	4
% High School/Adult School	3%	6%	4%	5%	4%	5%	3%	8%	4%	5%
% Freshmen (<30 units)	48%	49%	44%	51%	49%	38%	45%	37%	42%	43%
% Sophomore (30-59 units)	37%	32%	36%	33%	37%	39%	40%	38%	39%	38%
% Other Undergraduate (60 units or more)	9%	12%	12%	8%	7%	14%	11%	16%	12%	10%
% AA/AS Degree	2%	1%	1%	2%	3%	1%	1%	1%	1%	2%
% BA/BS or Higher Degree	1%	1%	3%	2%	<1%	2%	1%	1%	2%	2%



## **Student Performance: Grade Distribution**

	Ge	eology	( GEO	L)						
		F	all Ter	ms			Spr	ing Te	rms	
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Total Course Enrollments	468	468	328	301	251	384	353	263	290	290
Course Success Rates	81%	86%	86%	82%	87%	85%	86%	90%	89%	89%
A	47%	55%	56%	57%	61%	56%	53%	64%	57%	58%
В	22%	21%	20%	19%	19%	18%	21%	22%	26%	24%
C	12%	10%	10%	6%	7%	7%	11%	4%	5%	6%
P	0%	0%	0%	<1%	0%	3%	1%	1%	1%	1%
Course Non-Success Rate	6%	6%	8%	10%	5%	3%	5%	5%	7%	8%
D	2%	1%	1%	3%	2%	2%	2%	<1%	2%	3%
F*	3%	5%	7%	7%	4%	2%	3%	5%	5%	4%
Withdrawals (See Note)	13%	8%	5%	8%	8%	12%	9%	4%	4%	3%



#### **Definitions:**

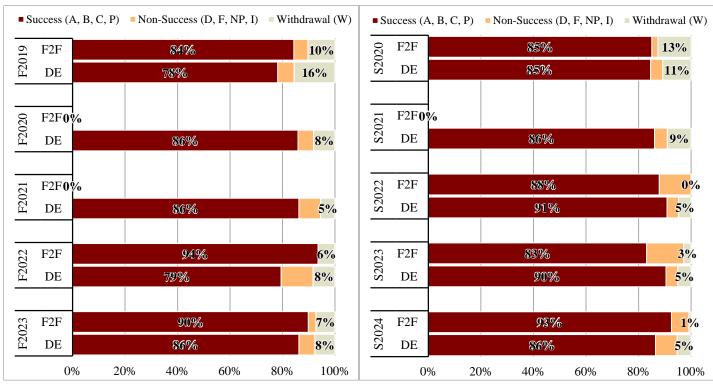
Course Success Rate: Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

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**

	G	eology	(GEO	L)						
		F	'all Ter	ms		Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Total Course Enrollments	468	468	328	301	251	384	353	263	290	290
Face-to-Face (F2F) Sections	243	0	0	62	69	254	0	33	71	120
Success Rates	84%	_	_	94%	90%	85%	_	88%	83%	93%
Non-Success Rates	5%	_	_	0%	3%	2%	_	12%	14%	7%
Withdrawals	10%	_	_	6%	7%	13%	_	0%	3%	1%
<b>Distance Education (DE) Sections</b>	225	468	328	239	182	130	353	230	219	170
Success Rates	78%	86%	86%	79%	86%	85%	86%	91%	90%	86%
Non-Success Rates	6%	6%	8%	12%	6%	5%	5%	4%	5%	8%
Withdrawals	16%	8%	5%	8%	8%	11%	9%	5%	5%	5%



#### **Definitions:**

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

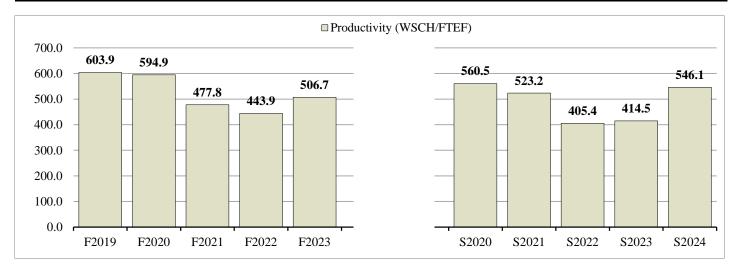
Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D', 'F', 'NP', T', 'NCD', 'NCF', or 'NCNP'.

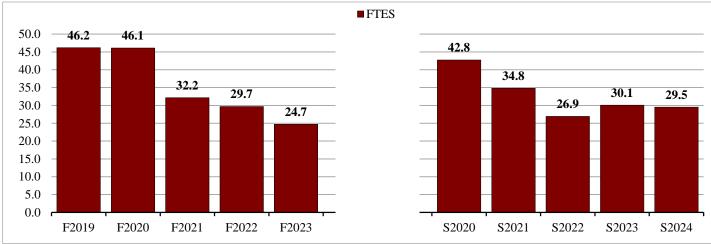
 $\textbf{Withdrawals} \ \text{are the share of course enrollments resulting in (1) a grade notation of 'W', 'MW', or 'EW', or, (2) a course dropped due to COVID-19.}$ 

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**

	G	eology	(GEO	L)							
		K	all Ter	ms		Spring Terms					
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024	
WSCH	1,407	1,410	989	910	760	1,334	1,062	821	912	901	
FTES	46.2	46.1	32.2	29.7	24.7	42.8	34.8	26.9	30.1	29.5	
FTEF	2.3	2.4	2.1	2.1	1.5	2.4	2.0	2.0	2.2	1.7	
Productivity (WSCH/FTEF)	603.9	594.9	477.8	443.9	506.7	560.5	523.2	405.4	414.5	546.1	





#### **Definitions:**

 $\textbf{WSCH} \ \text{is the total Weekly Student Contact Hours resulting from all enrollment within the discipline.}$ 

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

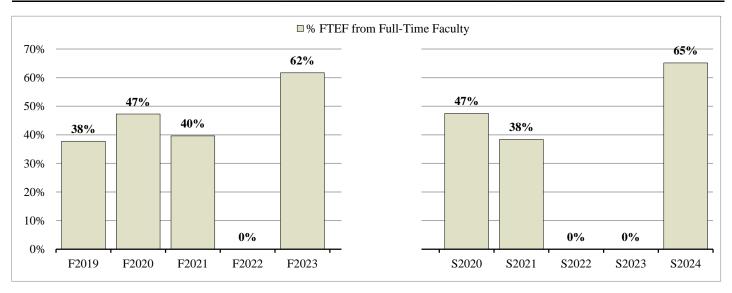
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

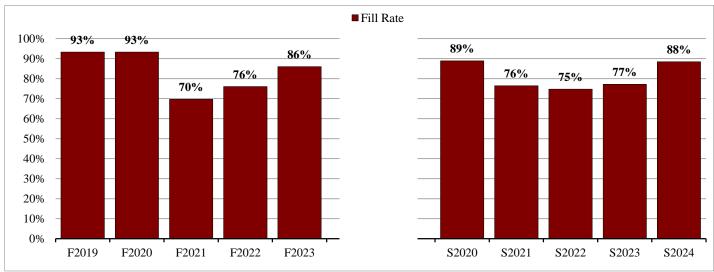
**Productivity** is the ratio of WSCH to FTEF and a standard measure of discipline efficiency.

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

## **Enrollment Management: Part 2**

Geology ( GEOL )												
	Fall Terms					Spring Terms						
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024		
FTEF from Full-Time Faculty	0.9	1.1	0.8	0.0	0.9	1.1	0.8	0.0	0.0	1.1		
% FTEF from Full-Time Faculty	38%	47%	40%	0%	62%	47%	38%	0%	0%	65%		
Enrollments	468	468	328	301	251	384	353	263	290	290		
Capacity (seats available)	502	502	471	396	292	432	462	352	376	328		
Fill Rate	93%	93%	70%	76%	86%	89%	76%	75%	77%	88%		





#### **Definitions:**

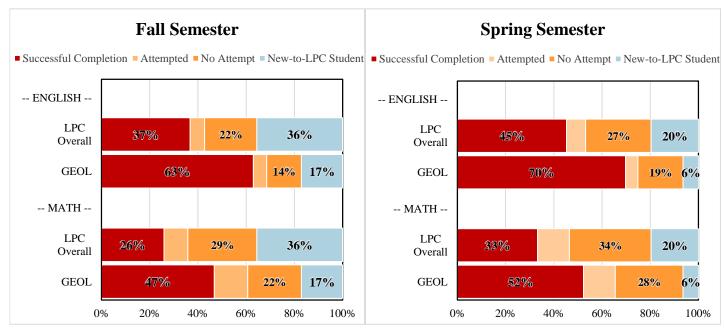
Fill Rate is number of enrollments over the total capacity (seats available).

% 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**

	Fall 2023				Spring 2024					
(English and math status	GEOL			LPC Overall		GEOL			LPC O	verall
<u>prior</u> to the start of the term)	Num	Pct		Num	Pct	Num	Pct		Num	Pct
Transfer-level English										
Successful Completion*	136	63%		2,796	37%	164	70%		3,393	45%
Attempted (not successful)	12	6%		454	6%	12	5%		600	8%
No Attempt	31	14%		1,652	22%	44	19%		2,036	27%
New-to-LPC Student	37	17%		2,703	36%	15	6%		1,472	20%
Transfer-level Math										
Successful Completion*	101	47%		1,971	26%	123	52%		2,498	33%
Attempted (not successful)	30	14%		752	10%	31	13%		986	13%
No Attempt	48	22%		2,179	29%	66	28%		2,545	34%
New-to-LPC Student	37	17%		2,703	36%	15	6%		1,472	20%



#### **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.