



Las Positas College
Discipline Program Review Data Packet
Spring 2018 to Spring 2022

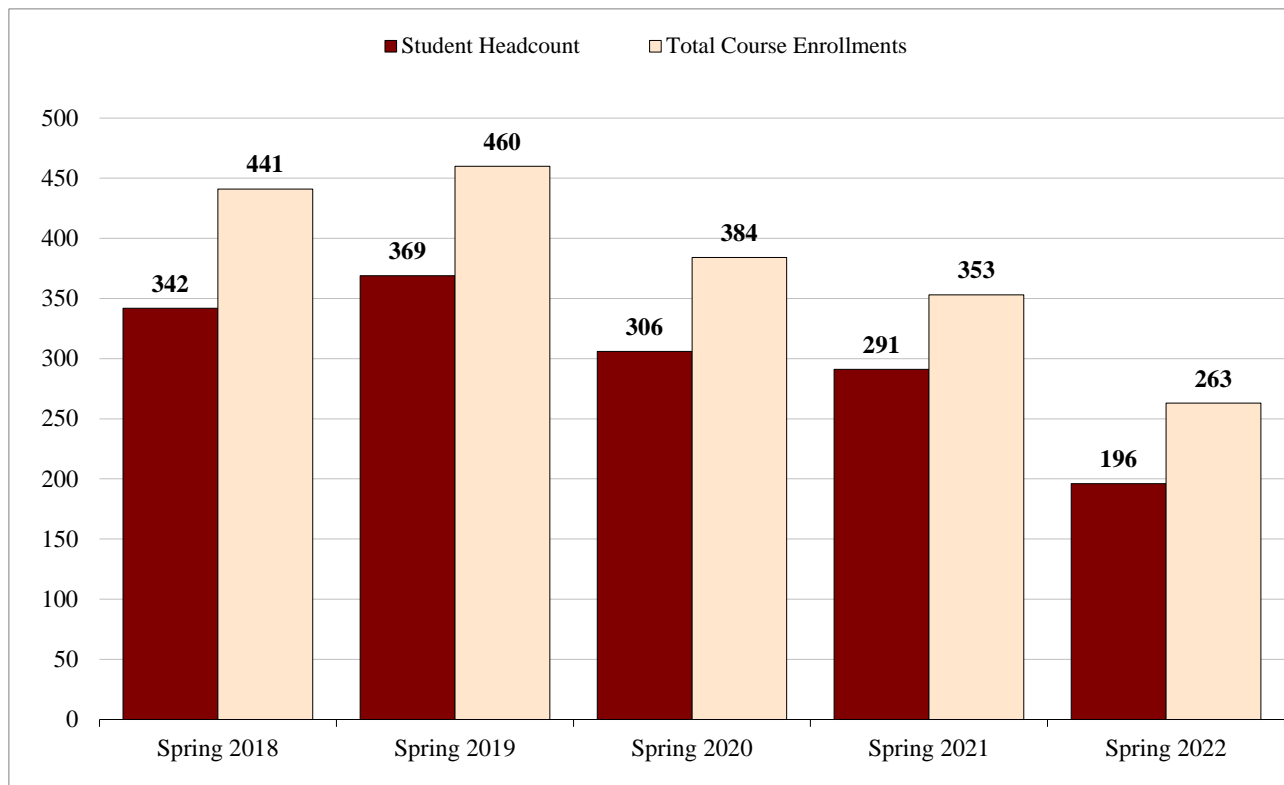
Discipline:

Geology (GEOL)

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Headcount & Enrollment

Geology (GEOL)					
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
Student Headcount	342	369	306	291	196
Total Course Enrollments	441	460	384	353	263



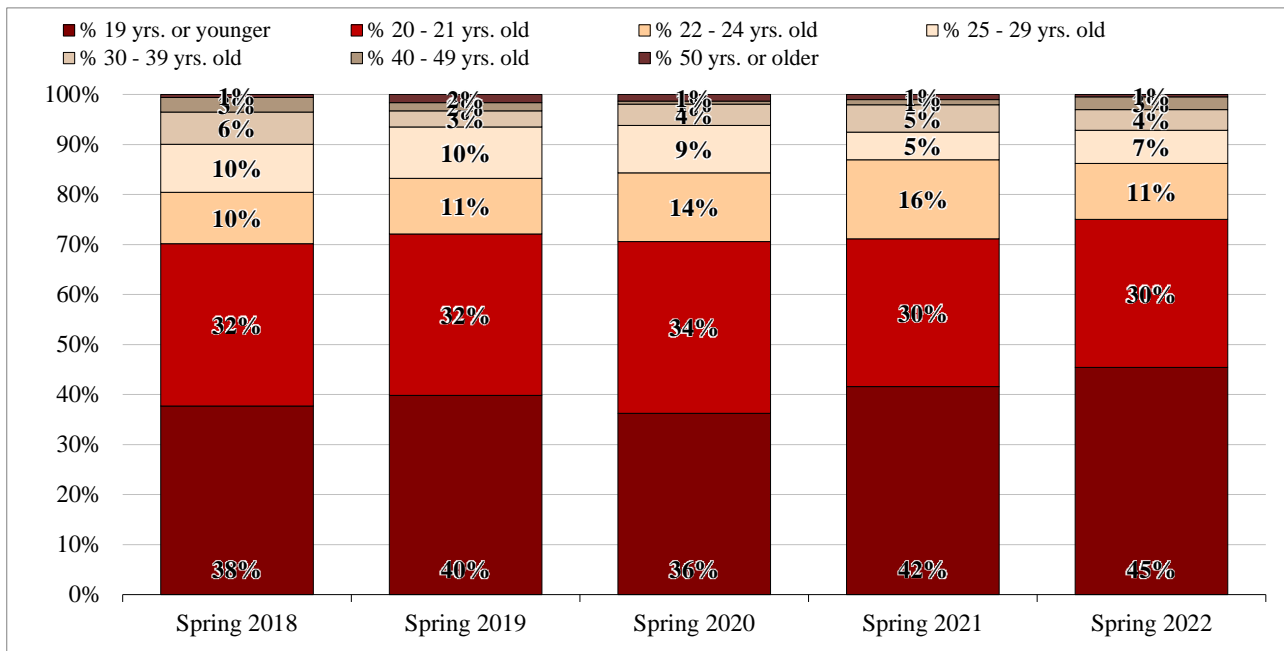
Definitions:

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.

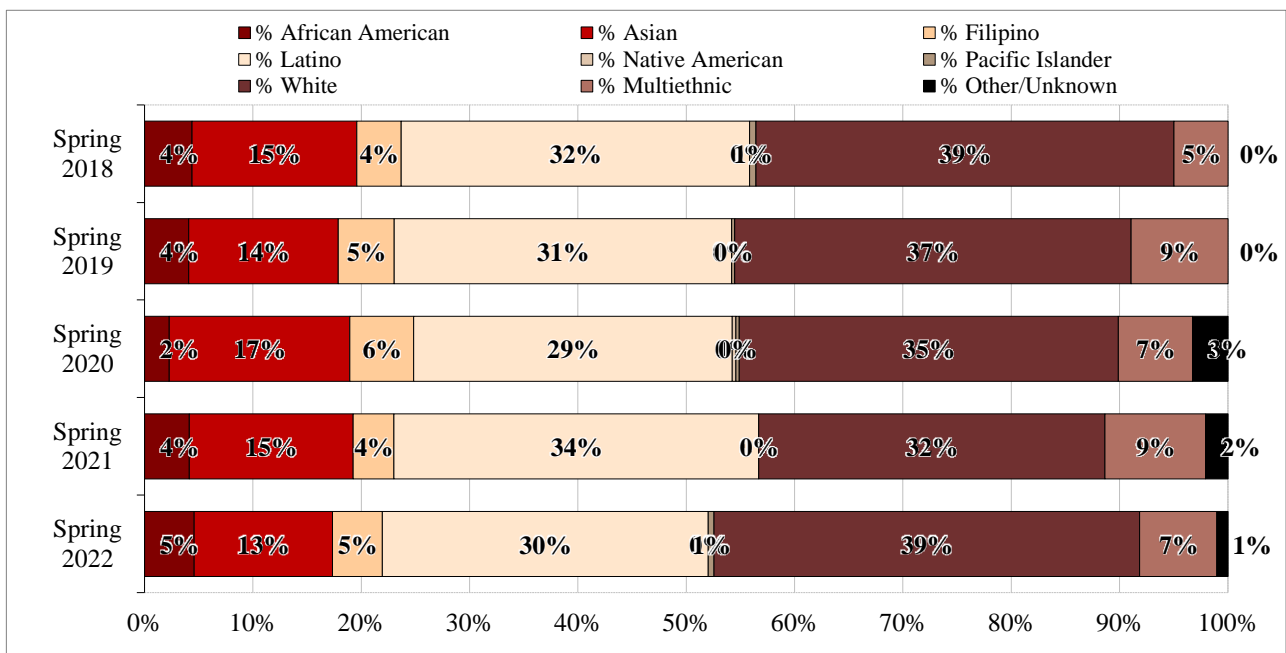
Student Demographics: Gender & Age

Geology (GEOL)					
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
Female	175	194	166	145	98
Male	162	168	135	140	96
19 yrs. or younger	129	147	111	121	89
20-21 yrs. old	111	119	105	86	58
22-24 yrs. old	35	41	42	46	22
25-29 yrs. old	33	38	29	16	13
30-39 yrs. old	22	12	13	16	8
40-49 yrs. old	10	6	2	3	5
50 yrs. or older	2	6	4	3	1
% Female	52%	54%	55%	51%	51%
% Male	48%	46%	45%	49%	49%
% 19 yrs. or younger	38%	40%	36%	42%	45%
% 20 - 21 yrs. old	32%	32%	34%	30%	30%
% 22 - 24 yrs. old	10%	11%	14%	16%	11%
% 25 - 29 yrs. old	10%	10%	9%	5%	7%
% 30 - 39 yrs. old	6%	3%	4%	5%	4%
% 40 - 49 yrs. old	3%	2%	1%	1%	3%
% 50 yrs. or older	1%	2%	1%	1%	1%



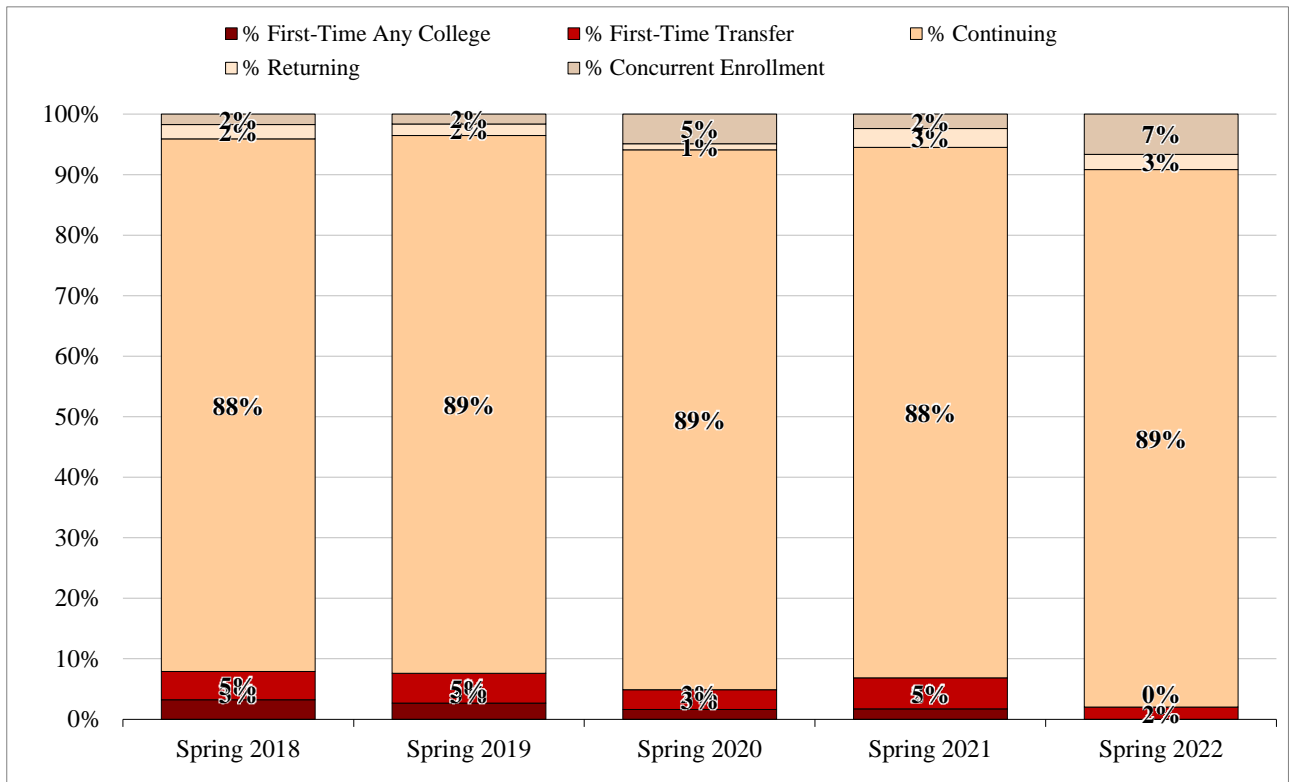
Student Demographic: Race-Ethnicity

Geology (GEOL)					
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
African American	15	15	7	12	9
Asian	52	51	51	44	25
Filipino	14	19	18	11	9
Latino	110	115	90	98	59
Native American	0	0	1	0	0
Pacific Islander	2	1	1	0	1
White	132	135	107	93	77
Multiethnic	17	33	21	27	14
Other/Unknown	0	0	10	6	2
% African American	4%	4%	2%	4%	5%
% Asian	15%	14%	17%	15%	13%
% Filipino	4%	5%	6%	4%	5%
% Latino	32%	31%	29%	34%	30%
% Native American	0%	0%	<1%	0%	0%
% Pacific Islander	1%	<1%	<1%	0%	1%
% White	39%	37%	35%	32%	39%
% Multiethnic	5%	9%	7%	9%	7%
% Other/Unknown	0%	0%	3%	2%	1%



Student Enrollment Status

	Geology (GEOL)				
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
First-Time Any College	11	10	5	5	0
First-Time Transfer	16	18	10	15	4
Continuing	301	328	273	255	174
Returning	8	7	3	9	5
Concurrent Enrollment	6	6	15	7	13
% First-Time Any College	3%	3%	2%	2%	0%
% First-Time Transfer	5%	5%	3%	5%	2%
% Continuing	88%	89%	89%	88%	89%
% Returning	2%	2%	1%	3%	3%
% Concurrent Enrollment	2%	2%	5%	2%	7%

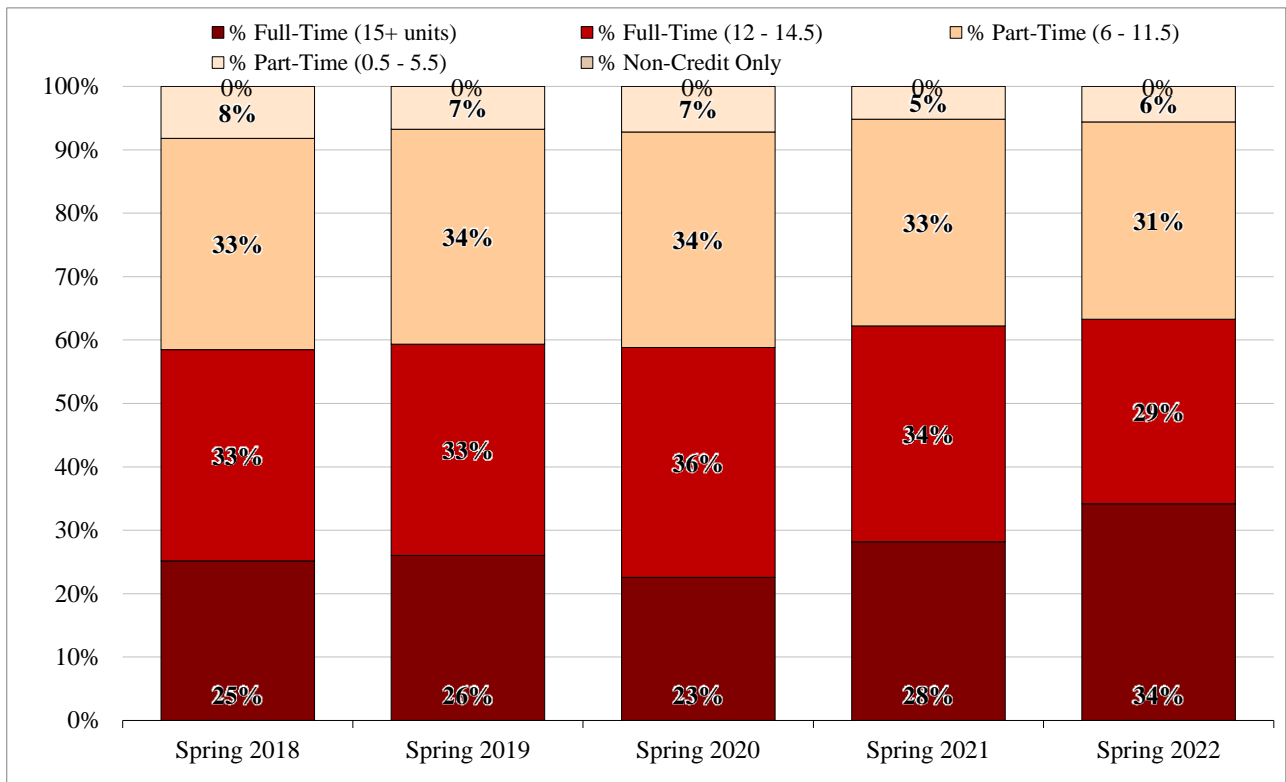


Definitions:

- 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.

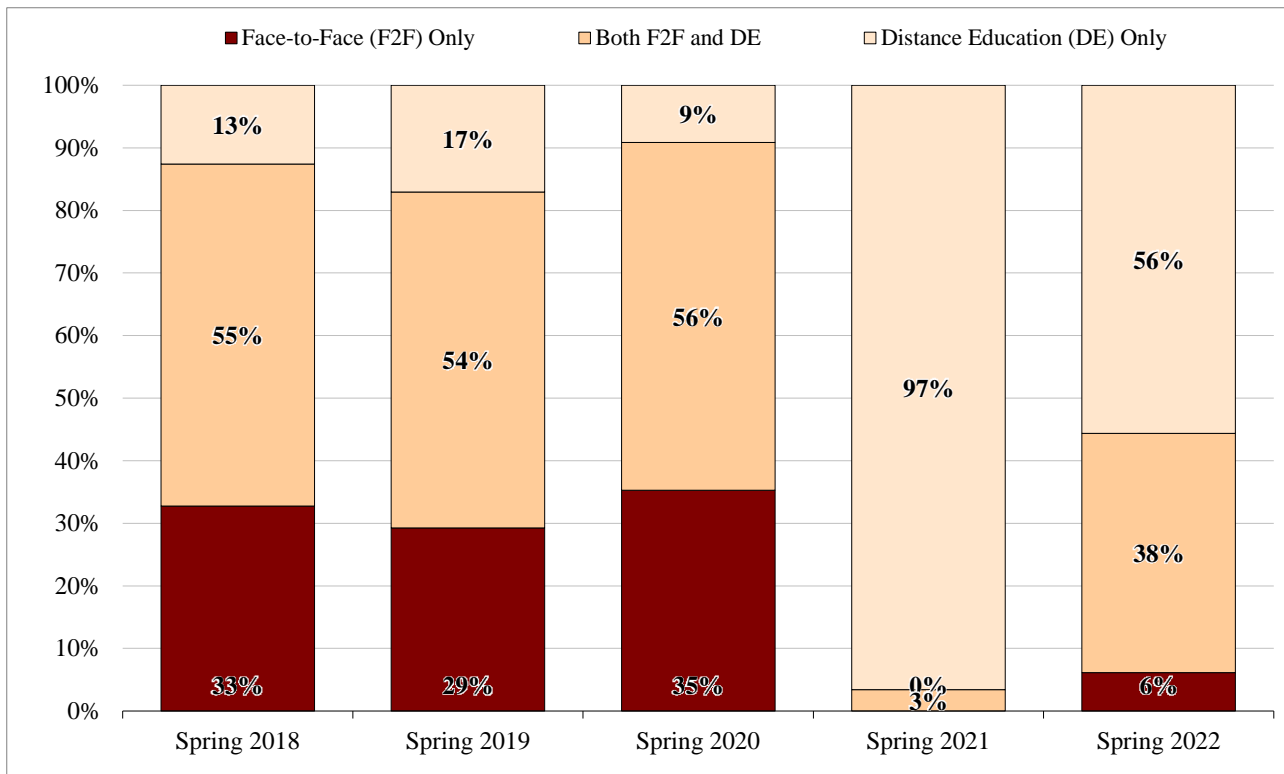
Student Unit Load

	Geology (GEOL)				
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
Full-Time (15+ units)	86	96	69	82	67
Full-Time (12 - 14.5)	114	123	111	99	57
Part-Time (6 - 11.5)	114	125	104	95	61
Part-Time (0.5 - 5.5)	28	25	22	15	11
Non-Credit Only	0	0	0	0	0
% Full-Time (15+ units)	25%	26%	23%	28%	34%
% Full-Time (12 - 14.5)	33%	33%	36%	34%	29%
% Part-Time (6 - 11.5)	33%	34%	34%	33%	31%
% Part-Time (0.5 - 5.5)	8%	7%	7%	5%	6%
% Non-Credit Only	0%	0%	0%	0%	0%



Students Using Distance Education

Geology (GEOL)					
(Categories reflect college-wide coursework)	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
Face-to-Face (F2F) Only	112	108	108	0	12
Both F2F and DE	187	198	170	10	75
Distance Education (DE) Only	43	63	28	281	109
% Face-to-Face (F2F) Only	33%	29%	35%	0%	6%
% Both F2F and DE	55%	54%	56%	3%	38%
% Distance Education (DE) Only	13%	17%	9%	97%	56%

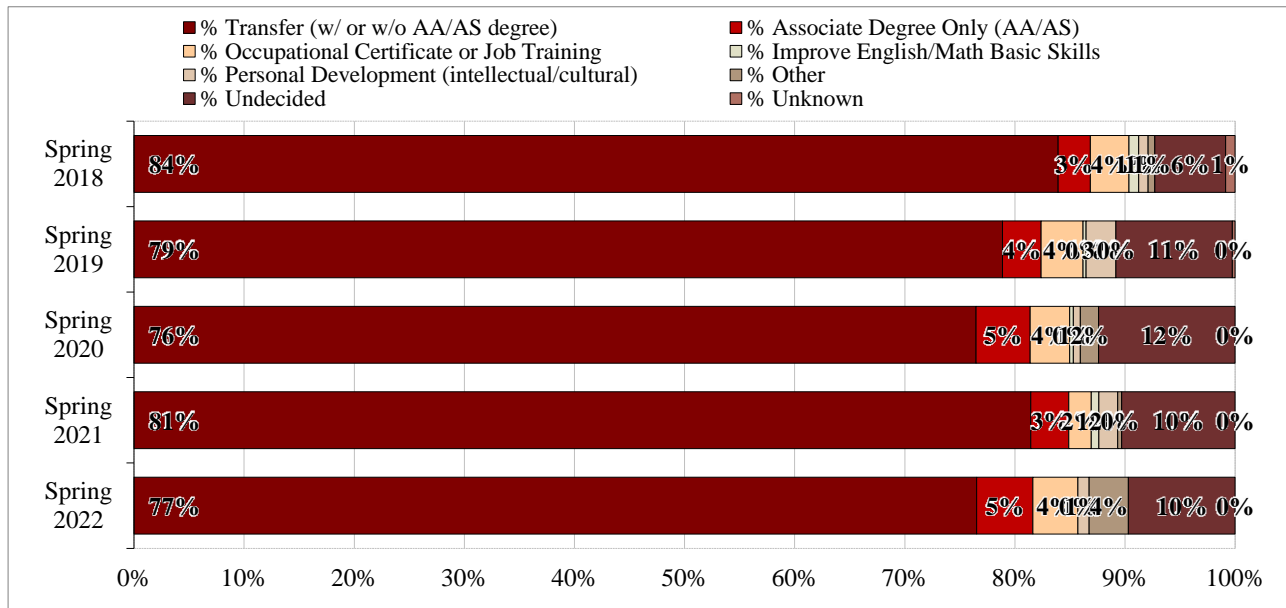


Definitions:

Distance Education (DE) includes enrollments in courses with section numbers designated as courses with 51% or more of instruction delivered online. Due to the COVID-19 pandemic, 2020-21 DE courses were distinguished through provisional designations.

Student Educational Goal

Geology (GEOL)					
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
Transfer (w/ or w/o AA/AS degree)	287	291	234	237	150
Associate Degree Only (AA/AS)	10	13	15	10	10
Occupational Certificate or Job Training	12	14	11	6	8
Improve English/Math Basic Skills	3	1	1	2	0
Personal Development (intellectual/cultural)	3	10	2	5	2
Other	2	0	5	1	7
Undecided	22	39	38	30	19
Unknown	3	1	0	0	0
% Transfer (w/ or w/o AA/AS degree)	84%	79%	76%	81%	77%
% Associate Degree Only (AA/AS)	3%	4%	5%	3%	5%
% Occupational Certificate or Job Training	4%	4%	4%	2%	4%
% Improve English/Math Basic Skills	1%	<1%	<1%	1%	0%
% Personal Development (intellectual/cultural)	1%	3%	1%	2%	1%
% Other	1%	0%	2%	<1%	4%
% Undecided	6%	11%	12%	10%	10%
% Unknown	1%	<1%	0%	0%	0%

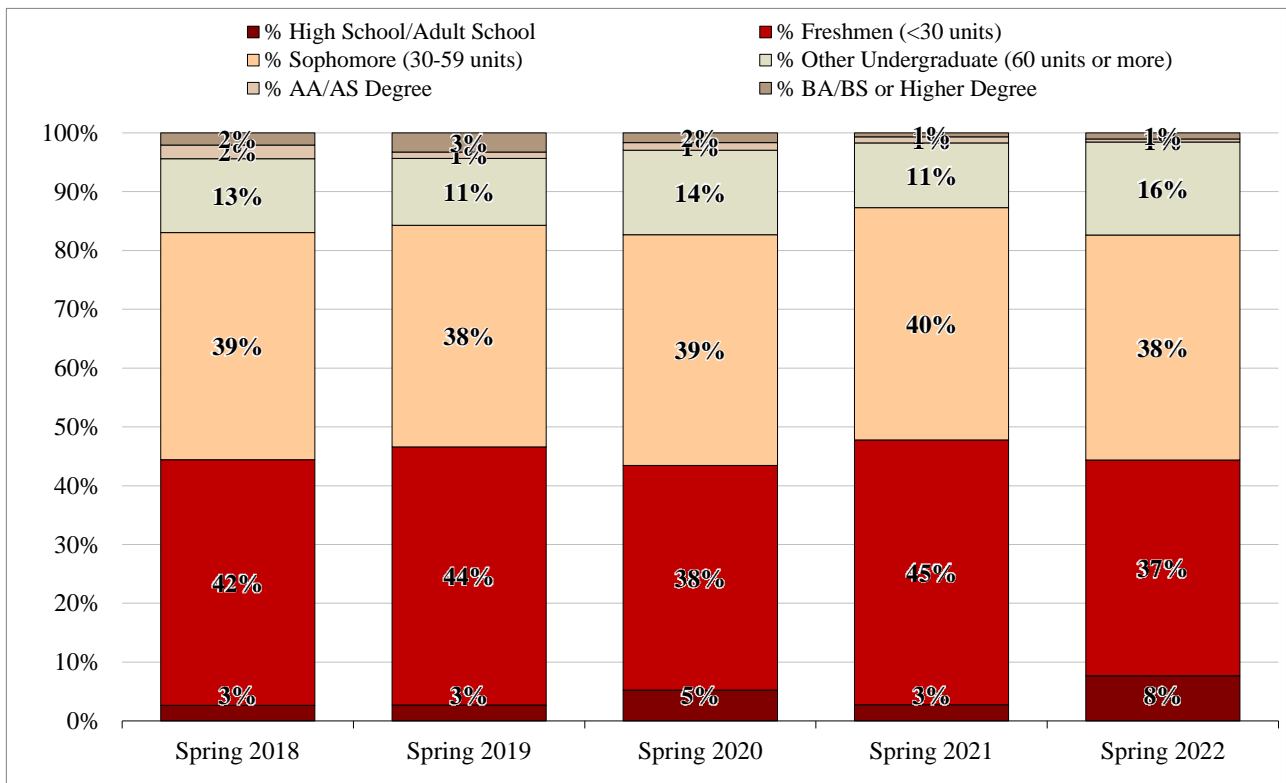


Definitions:

- 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.

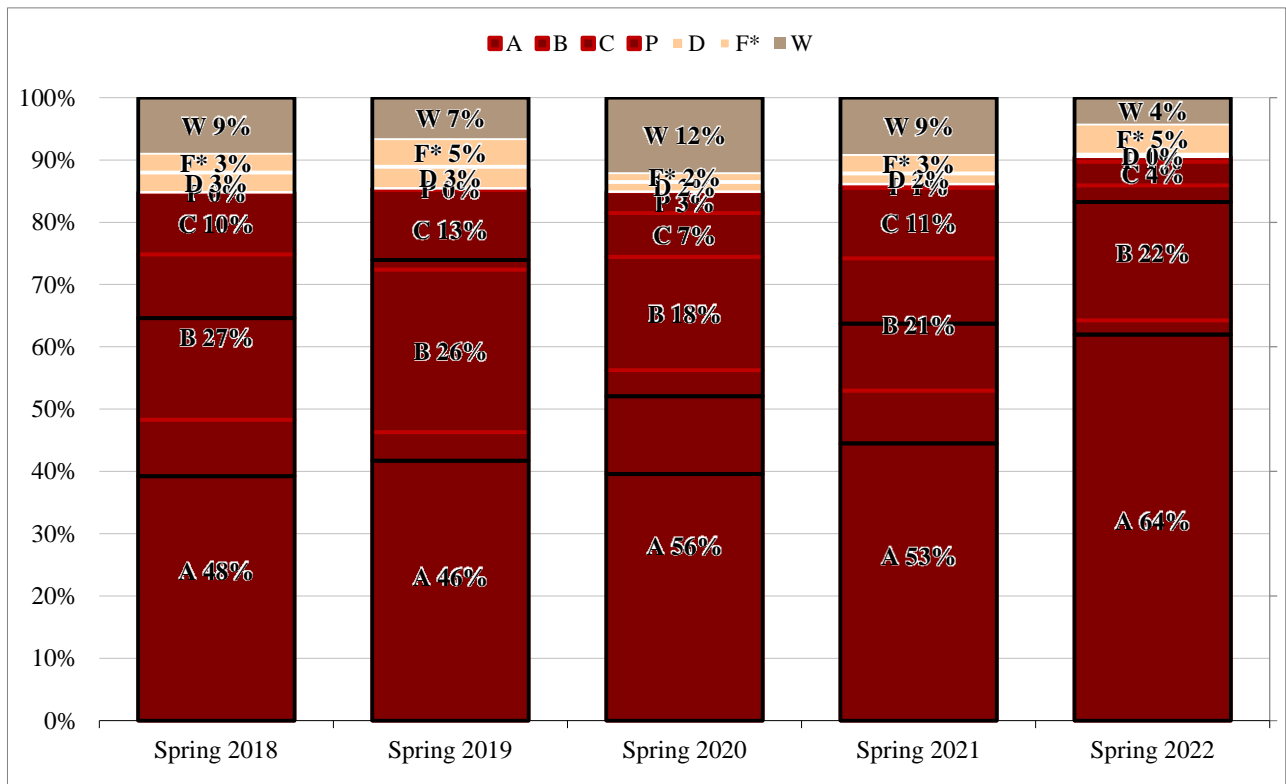
Highest Educational Level of Students

	Geology (GEOL)				
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
High School/Adult School	9	10	16	8	15
Freshmen (<30 units)	143	162	117	131	72
Sophomore (30-59 units)	132	139	120	115	75
Other Undergraduate (60 units or more)	43	42	44	32	31
AA/AS Degree	8	4	4	3	1
BA/BS or Higher Degree	7	12	5	2	2
% High School/Adult School	3%	3%	5%	3%	8%
% Freshmen (<30 units)	42%	44%	38%	45%	37%
% Sophomore (30-59 units)	39%	38%	39%	40%	38%
% Other Undergraduate (60 units or more)	13%	11%	14%	11%	16%
% AA/AS Degree	2%	1%	1%	1%	1%
% BA/BS or Higher Degree	2%	3%	2%	1%	1%



Student Performance: Grade Distribution

	Geology (GEOL)				
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
Total Course Enrollments	441	460	384	353	263
Course Success Rates	85%	85%	85%	86%	90%
A	48%	46%	56%	53%	64%
B	27%	26%	18%	21%	22%
C	10%	13%	7%	11%	4%
P	0%	<1%	3%	1%	1%
Course Non-Success Rate	6%	8%	3%	5%	5%
D	3%	3%	2%	2%	<1%
F*	3%	5%	2%	3%	5%
Withdrawals (See Note)	9%	7%	12%	9%	4%



Definitions:

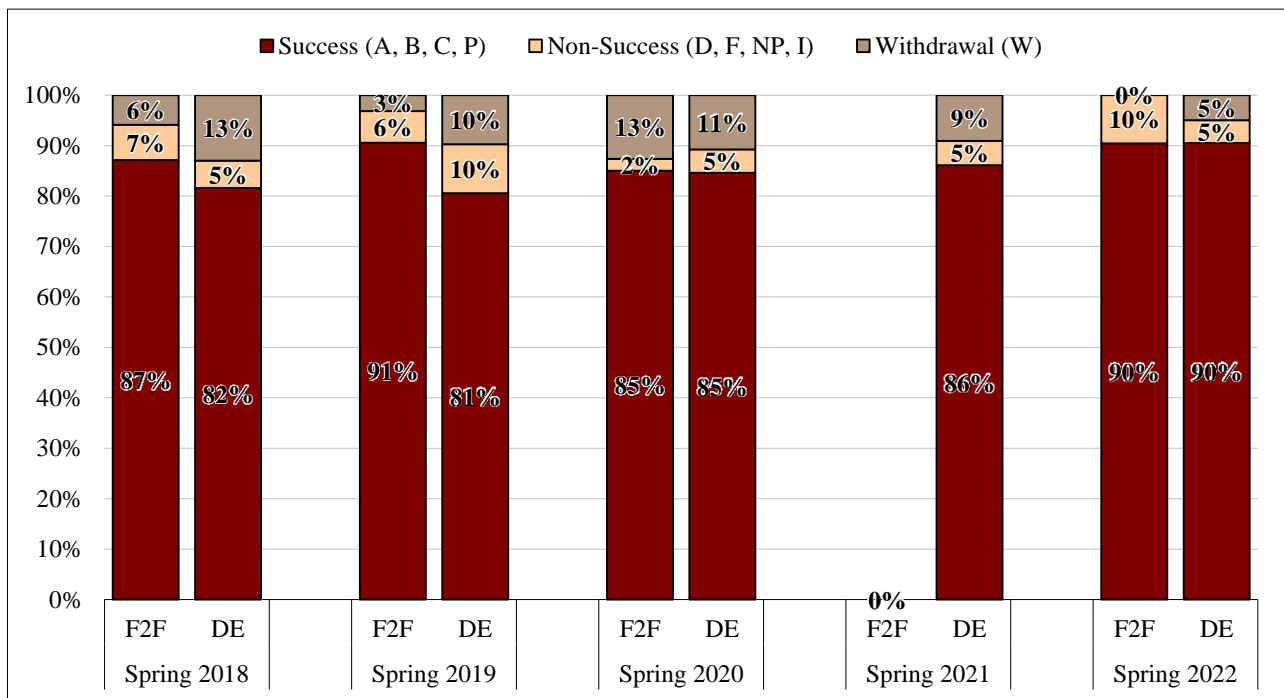
Course Success Rate: Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

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)					
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
Total Course Enrollments	441	460	384	353	263
Face-to-Face (F2F) Sections	256	223	254	0	42
Success Rates	87%	91%	85%	—	90%
Non-Success Rates	7%	6%	2%	—	10%
Withdrawals	6%	3%	13%	—	0%
Distance Education (DE) Sections	185	237	130	353	221
Success Rates	82%	81%	85%	86%	90%
Non-Success Rates	5%	10%	5%	5%	5%
Withdrawals	13%	10%	11%	9%	5%



Definitions:

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

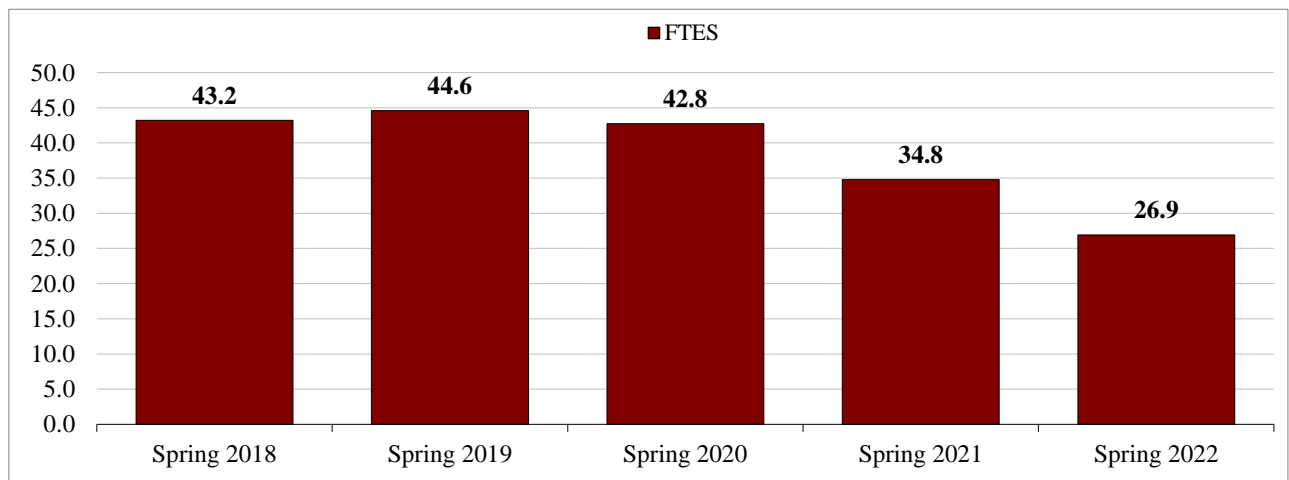
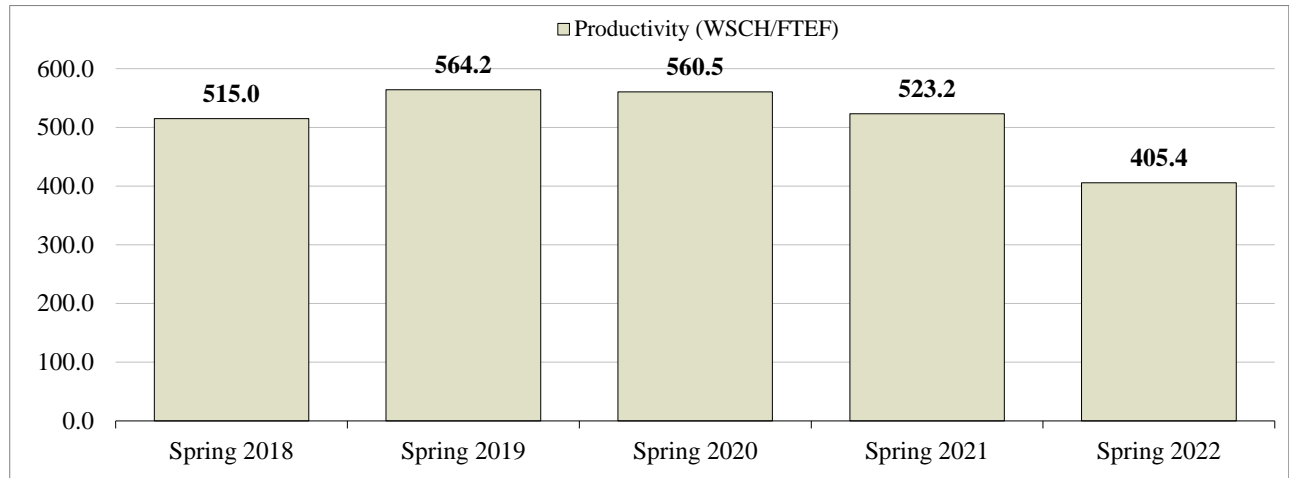
Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP'.

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)				
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
WSCH	1,326	1,371	1,334	1,062	821
FTEs	43.2	44.6	42.8	34.8	26.9
FTEF	2.6	2.4	2.4	2.0	2.0
Productivity (WSCH/FTEF)	515.0	564.2	560.5	523.2	405.4



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.

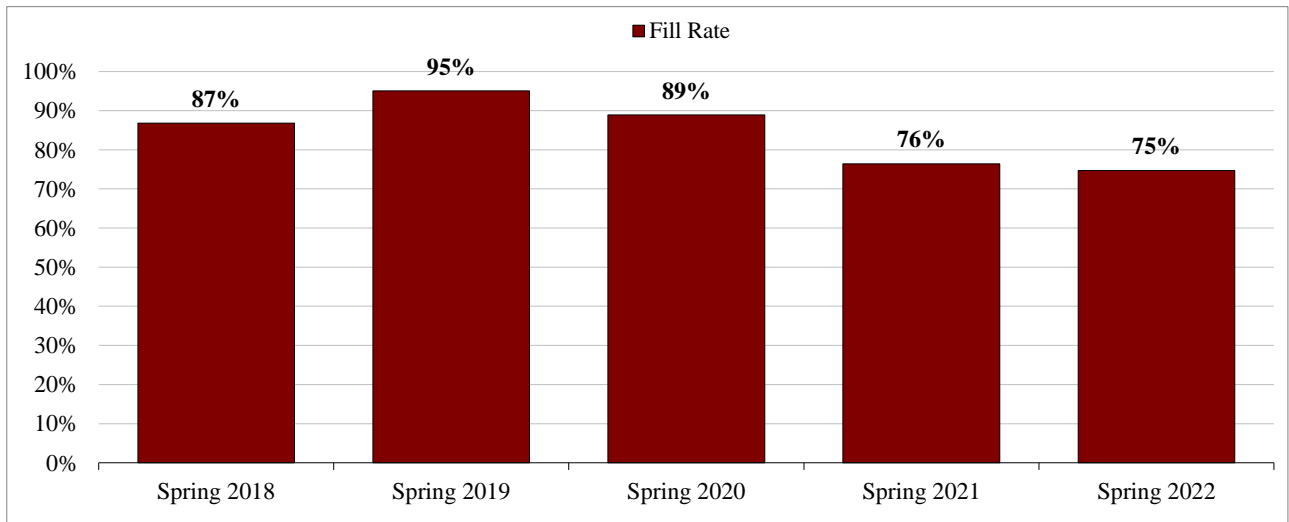
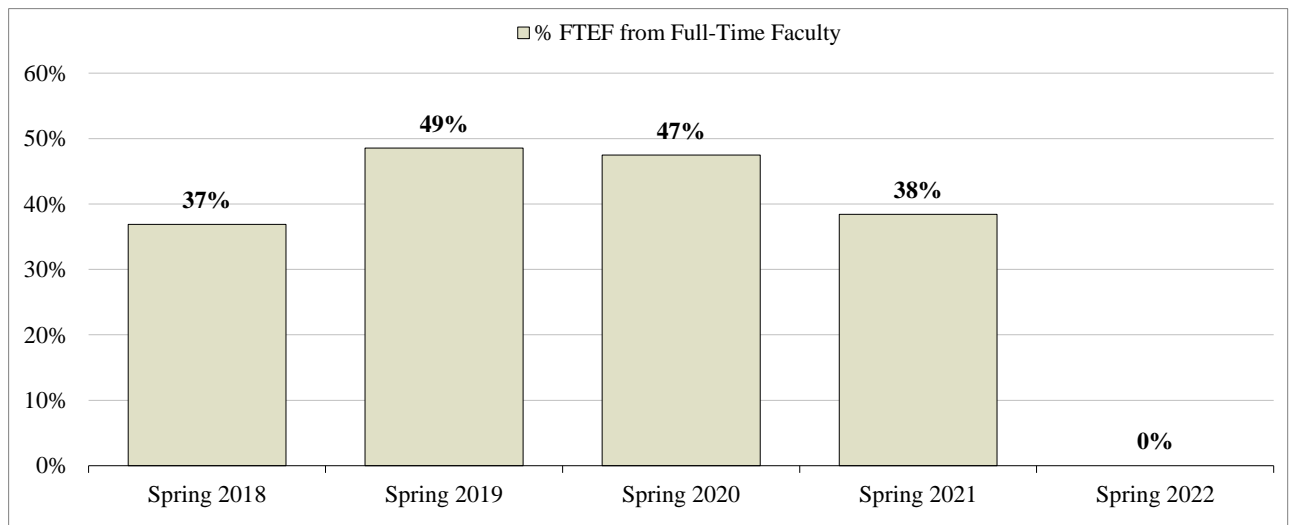
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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 7/20/21.

Enrollment Management: Part 2

	Geology (GEOL)				
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
FTEF from Full-Time Faculty	1.0	1.2	1.1	0.8	0.0
% FTEF from Full-Time Faculty	37%	49%	47%	38%	0%
Enrollments	441	460	384	353	263
Capacity (seats available)	508	484	432	462	352
Fill Rate	87%	95%	89%	76%	75%



Definitions:

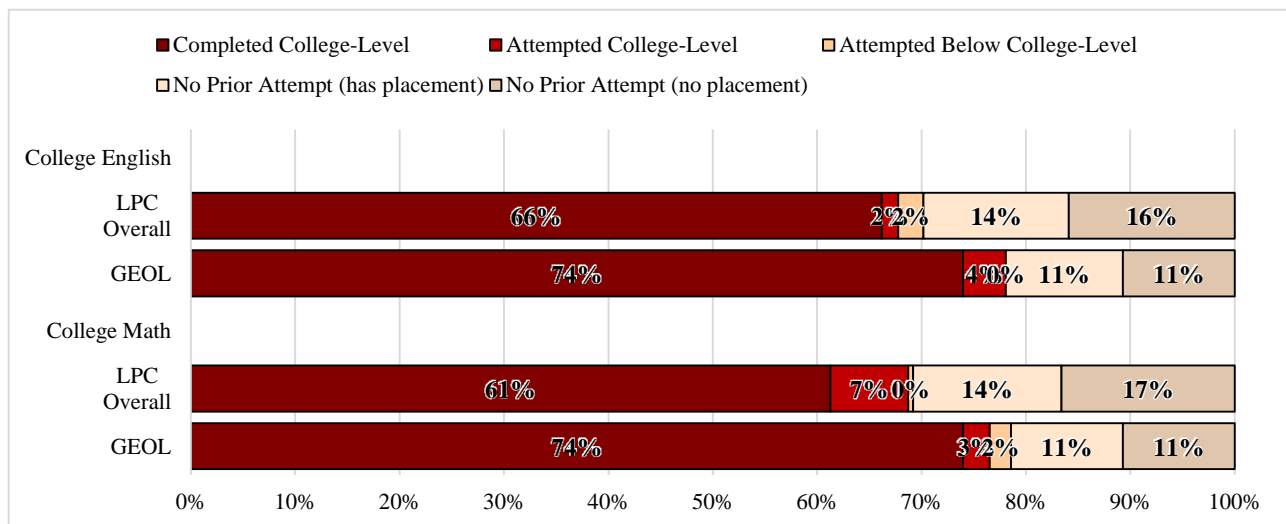
Fill Rate is number of enrollments over the total capacity (seats available).

% 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 7/20/21.

Prior Experience in English & Math

Spring 2022				
	GEOL		LPC Overall	
	Num	Pct	Num	Pct
College English				
Completed College-level	145	74%	4,022	61%
Attempted College-level	8	4%	490	7%
Attempted Below College-level	0	0%	30	0%
No Prior Attempt (has placement)	22	11%	934	14%
No Prior Attempt (no placement)	21	11%	1,089	17%
College Math				
Completed College-level	145	74%	4,345	66%
Attempted College-level	5	3%	103	2%
Attempted Below College-level	4	2%	160	2%
No Prior Attempt (has placement)	21	11%	914	14%
No Prior Attempt (no placement)	21	11%	1,043	16%



Definitions:

College English: Completed College-level = successfully completed ENG 1A, 1AEX, or attempted transfer level, or has earned at least an Associates degree.

Attempted College-level = attempted ENG 1A or 1AEX but has not successfully completed prior to indicated term.

Attempted Below College-level = attempted ENG 102, 104, 105, 100A, 100B, NENG 204, or ESL 25 prior to indicated term.

No Prior Attempt (has placement) = no previous English enrollments within the sequence but has used a placement tool.

No Prior Attempt (no placement) = no previous English enrollments within the sequence and did not utilize a placement tool.

College Math:

Completed College-level = successfully completed MATH 55, 50, NMAT 255 or 250, or attempted transfer level, or has earned at least an Associates degree.

Attempted College-level = attempted MATH 55, 50, NMAT 255 or 250 but has not successfully completed prior to indicated term.

Attempted Below College-level = attempted MATH 110, 107, NMAT 210 or 207 prior to indicated term.

No Prior Attempt (has placement) = no previous Math enrollments within the sequence but has used a placement tool.

No Prior Attempt (no placement) = no previous Math enrollments within the sequence and did not utilize a placement tool.