



Supplemental Learning (SL)
Annual Report
Fall 2021 & Winter 2022

Coordinator
Elizabeth Templeman
Department
Counselling, Academic Support & Assessment (CASA)

Report prepared by
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Principal Assessment Centre Coordinator



Summary from the SL Coordinator – Elizabeth Templeman

It was surprising to recognize how this year seemed so challenging, even by comparison to the prior year, when we had to adjust and reinvent so much, to manage entirely by virtual connection. Returning to the joy of connecting in person, and to all that wonderful energy of sessions in real space, was special. But we also all brought our share of apprehension, and the year saw many unique challenges as a result of that. Leaders struggled with their own COVID-related health issues and stresses, and yet also worked with such dedication and energy to support all those students, most also struggling.

I'm proud to share one highlight of this year: collaborating with my colleague at University of Guelph to bring together small teams of our leaders to create an e-poster on how we incorporate evidence-based learning strategies into our session planning. Aside from fostering pride in their good work, this was an occasion to deepen relationships among leaders, based on the solid foundation of supporting learning that keeps SL effective for a broad variety of learners across a range of disciplines.

SL Leaders by Faculty and Course

Faculty of Arts	Anthropology*	Michelle Raglin
	Geography	Maggie Jones
	Linguistics*	Maggie Jones
	Philosophy	Andrew Faulds, Michelle Raglin
	Psychology	Siobhan Toal, Loghan Eskritt
Faculty of Law	Constitutional	Poonam Pabla, Brietta Stewart
	Property*	Jaicee Payette, Scott Narang
Faculty of Science	Biology	Mackenzie Mertion
	Chemistry	Olivia McLennan, Alivia Mercer, Neva Dalinghaus
	Physics	Juliana Hermiston
School of Business	Accounting	Anna Vierira, Adam Toor

**Pilots*

Participation & Outcomes

Supplemental Learning (SL) supported 13 single semester courses and two full year courses (one cut short due to personal challenges) during the 2020-2021 academic year. The following sections provide more details about participation and outcomes.



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Part II: Participation

All Courses	<i>Total</i>	<i>Percent</i>
Total number of courses	15	
Total graded course enrollment	3520	
SL participants	894	25%
SL participants (6+ hours/semester)	197	6%
SL session and exam review hours provided	318	
SL student contact hours	4160	
Average number of session hours attended per participant by course	4.7	
Average participant satisfaction with SL sessions (max = 5)	4.41	

Single Semester Courses	<i>Total</i>	<i>Percent</i>
Total number of courses	13	
Total graded course enrollment	3268	
SL participants	709	22%
SL participants (6+ hours)	180	6%
SL session and exam review hours provided	281	
SL student contact hours	3212	
Average number of session hours attended per participant by course	4.5	
Average participant satisfaction with SL sessions (max = 5)	4.46	

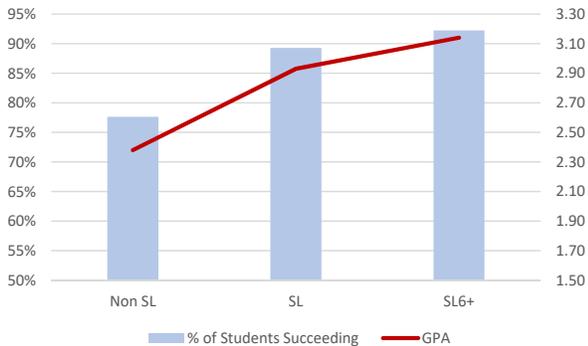
Full Year Course (Law)	<i>Total</i>	<i>Percent</i>
Total number of courses	2	
Total graded course enrollment	252	
SL participants	185	73%
SL participants (12+ hours)	17	7%
SL session and exam review hours provided	37	
SL student contact hours	948.0	
Average number of session hours attended per participant by course	5.1	
Average participant satisfaction with SL sessions (max = 5)	3.90	

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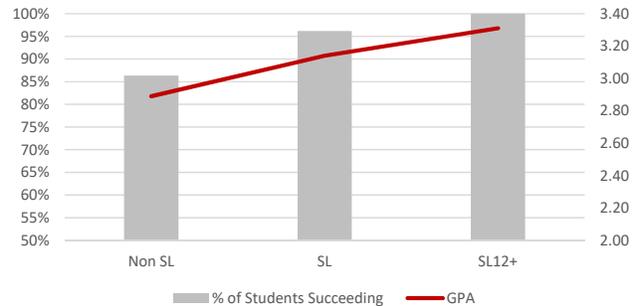
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Part III: Outcomes

Differences - Single Semester Courses



Differences - Full Year Courses (Law)



Single Semester Courses

Group	SL Participants		SL Participants (6+ hrs)		Non SL Participants		All	
# of students	709		180		2559		3268	
Achievement	#	%	#	%	#	%	#	%
Success (A, B, C)	633	89%	166	92%	1987	78%	2620	80%
Non Success (D, F, DNC)	76	11%	14	8%	572	22%	648	20%
Mean GPA	2.93		3.14		2.38		2.50	

Differences

All	SL	Non SL	Difference	
% of students succeeding	89%	78%	12%	
Mean GPA	2.93	2.38	0.55	*
<i>Students who participated regularly in SL (6+ hours)</i>				
% of students succeeding	92%	78%	15%	
Mean GPA	3.14	2.38	0.76	*

*The differences between the GPA means are statistically significant ($p < .01$)

Full Year Course (Law)

Group	SL Participants		SL Participants (12+ hrs)		Non SL Participants		All	
# of students	183		17		66		249	
Achievement	#	%	#	%	#	%	#	%
Success (A, B)	176	96%	17	100%	57	86%	233	94%
Non Success (C, D, F, DNC)	7	4%	0	0%	9	14%	16	6%
Mean GPA	3.14		3.31		2.89		3.07	

Differences

All	SL	Non SL	Difference	
% of students succeeding	96%	86%	10%	
Mean GPA	3.14	2.89	0.25	
<i>Students who participated regularly in SL (12+ hours/year)</i>				
% of students succeeding	100%	86%	14%	
Mean GPA	3.31	2.89	0.42	

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Part IV: Summary by Course for All Participants

Comparison of Performance by Course for Students Attending SL											
Faculty	Course	Enrolment	Attendance	Attendance	Hours	Mean GPA			Success Rate		
						SL	Non SL	Difference	SL	Non SL	Difference
Arts	ANTH 1210	56	10	18%	37	3.83	2.87	0.96	100%	93%	7%
	GEOG 1000	50	3	6%	6	2.00	2.63	-0.63	67%	80%	-13%
	LING 2020	14	1	7%	12	2.67	1.92	0.75	100%	62%	38%
	PHIL 1110	339	57	17%	178	3.47	2.51	0.96	96%	79%	17%
	PHIL 2220	26	10	38%	55	3.60	2.81	0.79	90%	81%	9%
	PSYC 1110	561	40	7%	200	3.12	2.65	0.47	95%	83%	12%
SoBE	ACCT 1000/2210	734	69	9%	277	2.49	2.06	0.43	84%	69%	15%
Science	BIOL 1110	295	78	26%	307	2.91	2.30	0.61	94%	78%	16%
	BIOL 1210	238	34	14%	113	2.94	2.31	0.63	88%	76%	12%
	CHEM 1500	278	148	53%	994	2.66	2.06	0.60	84%	73%	11%
	CHEM 1510/1520	248	90	36%	280	3.31	2.82	0.49	99%	88%	11%
	CHEM 2120	111	49	44%	233	2.55	2.36	0.19	78%	81%	-3%
	CHEM 2220	92	49	53%	265	2.47	1.89	0.58	76%	65%	11%
	PHYS 1100	154	45	29%	155	3.24	2.52	0.72	96%	84%	12%
	PHYS 1200	72	26	36%	100	3.53	2.68	0.85	96%	83%	13%
Subtotal		3268	709	22%	3212.0	2.93	2.38	0.55	94%	82%	12%
Law	LAWF 3010*	127	110	87%	754	3.17	3.14	0.03	96%	100%	-4%
	LAWF 3050*	122	73	60%	194	3.11	2.80	0.31	96%	82%	14%
Total		6785	1601	24%	4160.0						

Comparison of Performance by Course for Students Attending SL More Frequently (6+ hours/semester)											
Faculty	Course	Graded Enrolment	SL 6+ Attendance	% SL 6+ Attendance	SL Contact Hours	Mean GPA			Success Rate		
						SL 6+	Non SL	Difference	SL 6+	Non SL	Difference
Arts	ANTH 1210	56	2	4%	15	4.17	2.87	1.30	100%	93%	7%
	LING 2020	14	1	7%	12	2.67	1.92	0.75	100%	62%	38%
	PHIL 1110	339	8	2%	67	3.92	2.51	1.41	100%	79%	21%
	PHIL 2220	26	3	12%	35	2.56	2.81	-0.25	67%	81%	-14%
	PSYC 1110	561	10	2%	135	4.07	2.65	1.42	100%	83%	17%
SoBE	ACCT 1000/2210	734	15	2%	156	2.98	2.06	0.92	93%	69%	24%
Science	BIOL 1110	295	15	5%	134	2.75	2.30	0.45	87%	78%	9%
	BIOL 1210	238	5	2%	44	3.47	2.31	1.16	80%	76%	4%
	CHEM 1500	278	68	24%	748	2.98	2.06	0.92	90%	73%	17%
	CHEM 1510/1520	248	11	4%	93	3.54	2.82	0.72	100%	88%	12%
	CHEM 2120	111	13	12%	136	2.80	2.36	0.44	92%	81%	11%
	CHEM 2220	92	18	20%	181	3.04	1.89	1.15	94%	65%	29%
	PHYS 1100	154	4	3%	32	3.42	2.52	0.90	100%	84%	16%
	PHYS 1200	72	7	10%	42	3.52	2.68	0.84	100%	83%	17%
Subtotal		3218	180	6%	1830	3.14	2.38	0.76			14%
Law	LAWF 3010*	127	17	13%	234.0	3.31	3.14	0.17	100%	100%	0%
	LAWF 3050*	122	0	0%				0.00			
Total		6685	197	3%	2064.0						

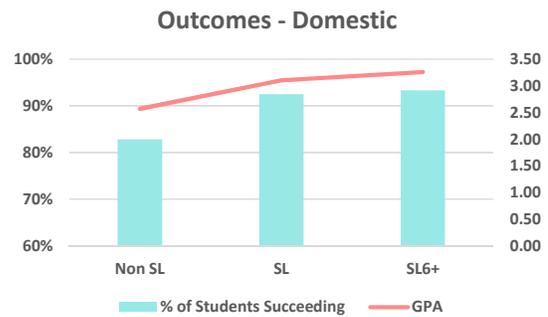
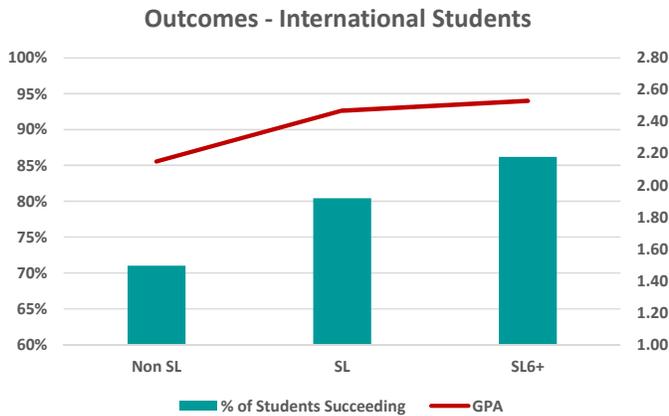
*Full year course



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 Single Semester Courses

Part V: Student Subgroups - International

Participation	Total	Percent
International Students		
Total graded course enrollment	1311	
SL participants	163	12%
SL participants (6+ hours)	29	2%



Outcomes									
International Students									
Group	SL Participants		SL Participants (6+ hrs)		Non SL Participants		All		
# of students	189		29		1126		1315		
Achievement	#	%	#	%	#	%	#	%	
Success (A, B,C)	152	80%	25	86%	800	71%	952	72%	
Non Success (D, F, DNC)	37	20%	4	14%	326	29%	363	28%	
Mean GPA	2.47		2.53		2.15		2.19		

Differences				
International Students				
All	SL	Non SL	Difference	
% of students succeeding	80%	71%	9%	
Mean GPA	2.47	2.15	0.32 *	
<i>Students who participated regularly in SL (6+ hours)</i>				
% of students succeeding	86%	71%	15%	
Mean GPA	2.53	2.15	0.38 *	

*The differences between the GPA means are statistically significant (p < .01)

Comparisons	% Succeeding			Mean GPA			SL Participation Rate
	SL	SL+6	Non SL	SL	SL+6	Non SL	
International students	80%	86%	71%	2.47	2.53	2.15	12%
Domestic students	93%	93%	83%	3.1	3.26	2.57	27%



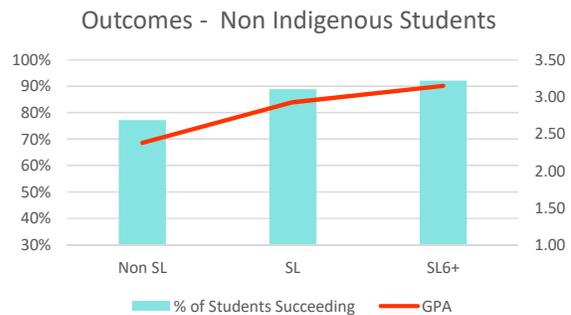
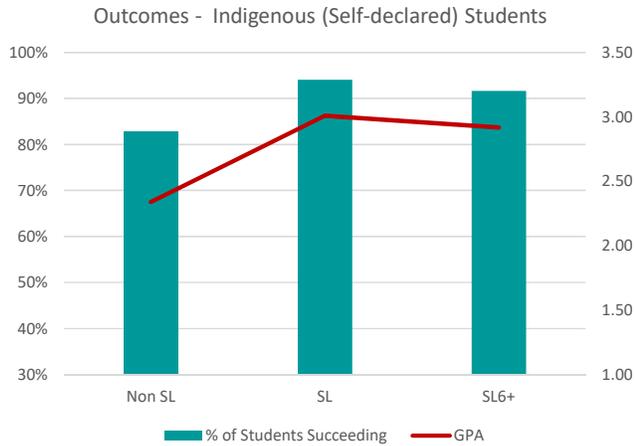
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Single Semester Courses

Part V: Student Subgroups - Indigenous (Self-declared)

Participation Indigenous Students	Total	Percent
Total graded course enrollment	203	
SL participants	51	25%
SL participants (6+ hours)	12	6%



Outcomes Indigenous Students									
Group	SL Participants		SL Participants (6+ hrs)		Non SL Participants		All		
# of students	51		12		152		203		
Achievement	#	%	#	%	#	%	#	%	
Success (A, B,C)	48	94%	11	92%	126	83%	174	86%	
Non Success (D, F, DNC)	3	6%	1	8%	26	17%	29	14%	
Mean GPA	3.01		2.92		2.34		2.51		

Differences Indigenous Students			
All students	SL	Non SL	Difference
% of students succeeding	94%	83%	11%
Mean GPA	3.01	2.34	0.67 *
Students who participated regularly in SL (6+ hours)			
% of students succeeding	92%	83%	9%
Mean GPA	2.92	2.34	0.58 *

*The differences between the GPA means are statistically significant ($p < .01$)

Comparisons	% Succeeding			Mean GPA			Participation Rate
	SL	SL+6	Non SL	SL	SL+6	Non SL	
Indigenous (Self-declared) students	94%	92%	83%	3.01	2.92	2.34	25%
Non Indigenous students	89%	92%	77%	2.93	3.15	2.38	21%