

## SEM – Academic Council Information Paper; Sept 2017

The 2014-2020 SEM Plan followed the projected decline in Ontario population aged 18 – 22. It outlined two distinct phases: a three-year Period of Constraint from 2014 to 2017, where enrolment would be constrained by physical capacity and then a Period of Growth from 2017 to 2020, where new buildings allow for potential program expansion to over 11,000 FTEs.

In 2016 a [Discussion Paper](#) went to Academic Council to highlight a revised target of ~ 9,000 FTEs. The paper stated that given the various constraints in traditional student recruitment; declining population, increasing competition and limited space UOIT has decided to purposefully limit the growth of undergraduate intake so that UOIT can focus on increasing the quality of the educational experience. These limits are not across the board; rather we may increase enrolment in some areas while decreasing targets in others. By doing this we will be increasing the entrance averages in certain programs while ensuring access for qualified applicants in others.

We have used UG Day 1 registration counts to arrive at the 2017-18 projections. While there are variances in terms of program mix we are currently projecting FTEs that are in line with our overall targets (+ 0.3%). While there was initial concern that we would be well over in some programs the admissions department and Faculties have worked together to successfully mitigate this.

Undergraduate FTEs	2014-15	2015-16	2016-17	2017-18
Business & Information Technology	1735	1729	1755	1714
Education	288	184	320	335
Energy Systems & Nuclear Science	349	321	311	293
Engineering & Applied Science	1479	1597	1744	1789
Health Sciences	1586	1664	1757	1715
Science	1013	981	958	1002
Social Science and Humanities	1784	1624	1527	1520
Undeclared	34	38	62	73
<b>Total</b>	<b>8269</b>	<b>8139</b>	<b>8434</b>	<b>8441</b>

Our graduate enrolment is currently showing we are above planned target by ~15%. While this is a positive indicator of recognition it is something we must mitigate to align with ministry approved targets. The total FTEs include ~150 international or 26%.

Graduate FTEs	2014	2015	2016	2017
Business & Information Technology	17	20	15	16
Education	48	73	55	60
Energy Systems & Nuclear Science	54	53	72	88
Engineering & Applied Science	171	174	156	185
Health Sciences	53	55	50	55
Science	111	103	102	110
Social Science and Humanities	24	31	46	53
Undeclared		1	1	3
<b>Total</b>	<b>478</b>	<b>510</b>	<b>496</b>	<b>569</b>

Looking at 2017 undergraduate applications. The system was up 1.6% in high schools and 6.3% in other whereas UOIT saw 0.9% and 5.6% increase respectively.

For confirmations as of September 7, 2017 the system is up 0.9% in high schools and 5.6% in other whereas UOIT sits at decreases of -9.4% and -2.9% respectively. While the percentages seem alarming we are ~100 students lower than what we wanted.

In appendix A will note that engineering is lower than previous years and a little less than target. This was a planned decrease from 2016 for strategic reasons; in addition, to a decision to decrease domestic (replace with international) in order to free up space in the corridor for other programs to grow (ie SSH & Sci). The variance to target is in international as applications were high but registration did not materialize. Health also has a variance to target as we decided this year not to offer alternate applications to Health from the Nursing.

A summary of the intake is as follows:

Undergraduate	2014	2015	2016	2017
<b>101</b>	1,568	1,483	1,506	1,381
<b>105- Domestic</b>	824	848	850	896
<b>105 International</b>	104	68	121	115
<b>TEAS</b>	226	120	117	126
<b>TOTAL</b>	2,722	2,519	2,594	2,518

Graduate	2014	2015	2016	2017
<b>Domestic Total</b>	201	285	286	319
<b>International Total</b>	78	61	63	84

### Moving Forward:

As we looking into planning the next three years and more specifically 2018 enrolment discussions the following are the main parameters.

- Undergraduate domestic targets ~2,600 to stay within SMA corridor. While we discussed reducing the numbers to get more grant per FTE this allows for current tuition and future growth in SMA 3. International will see limited increase in engineering to hit 2016 target.
- Masters domestic target must align or lower than 2016 to stay within SMA targets. As we are already over 25% international this too will stay constant.
- PhD domestic target has not been met. UOIT was close at an intake of 23 but we need to ensure we have at least 25. International should not increase.

**Appendix A: UG registrations - headcount report which coincides to the undergraduate registration report**

Program by Faculty	Registrations - Sept 15			Targets - Day 10			% of Target		
	New	Continuing	Total	New	Continuing	Total	New	Continuing	Total
Accounting	102	284	386	132	154	286	77%	184%	135%
Business	23	332	355	19	509	528	121%	65%	67%
Business (ACTU)	0	8	8	0	5	5		160%	160%
Business Bridging Program	25	12	37	15	15	30	167%	80%	123%
Entrepreneurship	9	5	14	0	12	12		42%	117%
Finance	73	204	277	52	160	212	140%	128%	131%
Game Dev & Entrepreneurship	87	180	267	96	167	263	91%	108%	102%
Information Technology	0	12	12	0	4	4		300%	300%
Information Technology Bridge	0	4	4	0	3	3		133%	133%
Marketing	32	107	139	69	55	124	46%	195%	112%
Networking & IT Security	94	176	270	80	192	272	118%	92%	99%
Org Beh & Human Resources Mngt	32	64	96	32	49	81	100%	131%	119%
<b>Business &amp; Information Tech Total</b>	<b>477</b>	<b>1388</b>	<b>1865</b>	<b>495</b>	<b>1325</b>	<b>1820</b>	<b>96%</b>	<b>105%</b>	<b>102%</b>
Adult Education & Digital Tech	0	6	6	0	10	10		60%	60%
Desig Adlt Learn for Digtl Age	1	0	1	0	0	0			
Educ Studies & Digital Tech	29	63	92	22	17	39	132%	371%	236%
Education (Concurrent)	0	9	9	0	12	12		75%	75%
Education (Consecutive)	49	29	78	26	28	54	188%	104%	144%
Education-Primary/Junior	77	105	182	104	100	204	74%	105%	89%
<b>Education Total</b>	<b>156</b>	<b>212</b>	<b>368</b>	<b>152</b>	<b>167</b>	<b>319</b>	<b>103%</b>	<b>127%</b>	<b>115%</b>
Energy Systems Eng & Mgt	0	2	2	0	4	4		50%	50%
Energy Systems Engineering	0	14	14	0	8	8		175%	175%
Health Physics & Radiation Sci	6	33	39	7	22	29	86%	150%	134%
Nuclear Engineering	71	229	300	75	196	271	95%	117%	111%
Nuclear Engineering & Mgmt	0	5	5	0	5	5		100%	100%
Nuclear Power	0	1	1	0	0	0			
<b>Energy Systems &amp; Nuclear Sci Total</b>	<b>77</b>	<b>284</b>	<b>361</b>	<b>82</b>	<b>235</b>	<b>317</b>	<b>94%</b>	<b>121%</b>	<b>114%</b>
Automotive Engineering	70	168	238	71	165	236	99%	102%	101%
Automotive Engineering & Mgmt	0	4	4	0	2	2		200%	200%
Electrical Engineering	110	338	448	110	371	481	100%	91%	93%
Electrical Engineering & Mgmt	0	8	8	0	2	2		400%	400%
Manufacturing Engineering	12	46	58	24	48	72	50%	96%	81%
Mechanical Eng & Management	0	13	13	0	15	15		87%	87%
Mechanical Engineering	132	664	796	176	718	894	75%	92%	89%
Mechatronics Engineering	89	99	188	108	93	201	82%	106%	94%
Software Engineering	83	235	318	63	204	267	132%	115%	119%
Software Engineering & Mgmt	0	2	2	0	1	1		200%	200%
<b>Engineering &amp; Applied Science Total</b>	<b>496</b>	<b>1577</b>	<b>2073</b>	<b>552</b>	<b>1619</b>	<b>2171</b>	<b>90%</b>	<b>97%</b>	<b>95%</b>
Allied Health Sciences	48	88	136	53	69	122	91%	128%	111%
Health Sciences	93	312	405	120	341	461	78%	91%	88%

Kinesiology	90	303	393	110	371	481	82%	82%	82%
Kinesiology-Adv. Standing Opt.	21	36	57	22	29	51	95%	124%	112%
Kinesiology-Trent	17	39	56	18	0	18	94%		311%
Medical Laboratory Science	43	116	159	43	117	160	100%	99%	99%
Nursing (Collaborative)	110	332	442	110	332	442	100%	100%	100%
Nursing (Post-PN)	60	117	177	60	107	167	100%	109%	106%
Nursing (Post-PN) Georgian	45	86	131	45	87	132	100%	99%	99%
<b>Health Sciences Total</b>	<b>527</b>	<b>1429</b>	<b>1956</b>	<b>581</b>	<b>1453</b>	<b>2034</b>	<b>91%</b>	<b>98%</b>	<b>96%</b>
Applied and Indust Math-Co-op	0	5	5	0	3	3		167%	167%
Applied and Industrial Math	16	19	35	13	21	34	123%	90%	103%
Biological Science	103	296	399	120	320	440	86%	93%	91%
Biological Science & Mgmt	0	7	7	0	17	17		41%	41%
Biological Science-Co-op	0	19	19	0	22	22		86%	86%
Chemistry	31	105	136	45	118	163	69%	89%	83%
Chemistry-Co-op	0	13	13	0	14	14		93%	93%
Computer Sci & Mngt	0	1	1	0	0	0			
Computer Science	117	160	277	135	122	257	87%	131%	108%
Computer Science Co-op	0	35	35	0	32	32		109%	109%
Computing Science	1	1	2	0	0	0			
Forensic Science	61	82	143	60	80	140	102%	103%	102%
Physics	15	28	43	24	39	63	63%	72%	68%
Physics & Management	0	1	1	0	0	0			
Physics-Co-op	0	3	3	0	3	3		100%	100%
Science	0	3	3	5	0	5	0%		60%
<b>Science Total</b>	<b>344</b>	<b>778</b>	<b>1122</b>	<b>402</b>	<b>791</b>	<b>1193</b>	<b>86%</b>	<b>98%</b>	<b>94%</b>
Comm & Digital Media Std Bridge	9	13	22	0	0	0			
Comm Dev & Policy Std Bridge	0	2	2	0	0	0			
Commun & Digital Media Stdies	34	138	172	47	132	179	72%	105%	96%
Communications Bridge Program	0	0	0	11	4	15	0%	0%	0%
Community Dev & Policy Studies	0	6	6	1	29	30	0%	21%	20%
Crim & Justice Bridge Program	40	16	56	44	24	68	91%	67%	82%
Criminology and Justice	154	592	746	132	583	715	117%	102%	104%
Forensic Psychology	65	339	404	71	303	374	92%	112%	108%
Forensic Psychology Bridge	31	5	36	26	8	34	119%	63%	106%
Legal Studies	29	137	166	19	138	157	153%	99%	106%
Legal Studies-Bridge Program	10	2	12	0	7	7		29%	171%
Political Science	29	34	63	13	10	23	223%	340%	274%
Political Science Bridge	6	1	7	0	0	0			
<b>Social Science and Humanities Total</b>	<b>407</b>	<b>1285</b>	<b>1692</b>	<b>364</b>	<b>1238</b>	<b>1602</b>	<b>112%</b>	<b>104%</b>	<b>106%</b>
Embedded Program	0	65	65	0	14	14		464%	464%
Exchange Student	18	0	18	14	0	14	129%		129%
Not Applicable	18	18	36	8	1	9	225%	1800%	400%
<b>Undeclared Total</b>	<b>36</b>	<b>83</b>	<b>119</b>	<b>22</b>	<b>15</b>	<b>37</b>	<b>164%</b>	<b>553%</b>	<b>322%</b>
<b>Overall - Total</b>	<b>2,520</b>	<b>7036</b>	<b>9556</b>	<b>2650</b>	<b>6843</b>	<b>9493</b>	<b>95%</b>	<b>103%</b>	<b>101%</b>

**Appendix B: Graduate FTEs: Day 1 registration (new includes students that have an admit term of fall 17)**

<b>Graduate FTEs</b>	<b>New</b>	<b>Continuing</b>	<b>Total</b>
<b>Graduate Diploma</b>	<b>18.8</b>	<b>35.4</b>	<b>54.2</b>
Education	4.5	1.2	5.7
Energy Systems & Nuclear Science	14.3	34.2	48.5
<b>Masters Level</b>	<b>140.2</b>	<b>239.7</b>	<b>379.9</b>
Business & Information Technology	7.6	8.2	15.8
Education	15.9	38.3	54.2
Energy Systems & Nuclear Science	9.2	14.8	24
Engineering & Applied Science	46.3	74.2	120.5
Health Sciences	25.9	28.6	54.5
Science	18.3	51.6	69.9
Social Science and Humanities	14	24	38
Undeclared	3	0	3
<b>Doctoral Level</b>	<b>21.3</b>	<b>113.8</b>	<b>135.1</b>
Energy Systems & Nuclear Science	2	13.7	15.7
Engineering & Applied Science	9	55.2	64.2
Science	5.3	34.9	40.2
Social Science and Humanities	5	10	15
<b>Total</b>	<b>180.3</b>	<b>388.9</b>	<b>569.2</b>