



A meeting of the Senate of Acadia University occurred on Monday, 14 September 2009 beginning at 4:06 p.m. with Chair Ian Wilks presiding and 44 present.

1) Minutes of the Meeting of  
8 June 2009

It was moved by S. Lochhead and seconded by R. Raeside *that the minutes of Monday, 8 June 2009 be approved as distributed.*

MOTION WAS CARRIED.

2) Announcements and  
Communications

a) From the Chair

-re Regrets

I. Wilks noted regrets from M. Corbett, J. Cottreau, P. Corkum, T. Hergett, A. Irving, R. Ivany, M. MacVicar and A. Vibert.

-re Senate Membership

The Chair welcomed new Senators and those returning for another term or filling in for a part of a term: J. Cottreau, R. Cunningham, J. Eustace, J. Hennessy, R. Weherell, R. Sparkman, M. Corbett, C. Shields, S. Markham-Starr, N. Clarke, B. Latta, B. Anderson, D. Holmberg, E. Cullen, A. Vogels, J. Turner, R. McIntyre, E. Vaasjo and W. Elliott. He also acknowledged the presence of a guest: N. Curruthers.

-re Agenda

The Chair reminded Senators that an updated version of the proposed admission requirements for 4)c) had been distributed electronically prior to the meeting. Also handouts regarding enrolment numbers were available.

-re Senate Executive  
Meeting

I. Wilks announced that the Senate Executive would meet 21 September 2009 in the U-Hall Committee Room beginning at 4:00 p.m.

-re Senate Orientation

A Senate Orientation would be held 28 September 2009 in BAC 206 beginning at 4:00 p.m.

-re Senate Nominating  
Committee Membership  
(910-04-NOM)

The Chair noted a report, from Senate Secretary, R. Jotcham (**APPENDIX A**), stating that an election was conducted to fill vacancies on the Senate Nominating Committee with the following results: the Senator from the Faculty of Pure and Applied Science would be A. Mitchell for one year to complete a term begun by D. Symons and the Senator from Faculty of Professional Studies would

be R. Sparkman for a three-year term. He requested that A. Quéma call the Senate Nominating Committee together to fill a one-year Faculty of Science vacancy on the Senate Executive for M. Snyder and at the same time, select a Chair for the Senate Nominating Committee.

-re Senate Rules of Procedure

I. Wilks noted that the rules of order for this Senate are contained in Arthur Beauchesne's Rules and Forms in the House of Commons of Canada. That work is determining for order in Senate, but nonetheless Roberts Rules of Order would be used as well, and be treated as guiding. He noted that, in the event of a tie vote, his procedure was to keep the motion alive by both voting against it and also encouraging that it come before Senate at some future time, perhaps in altered form. In closing he said that Senate meetings begin at 4:00 p.m. with 6:00 p.m. understood as the time of completion; however, circumstances may make it necessary to go a little beyond this time, and he asked Senators to consider the importance of dealing with items and having a quorum to do so.

b) From the Vice-President (Academic)  
-re Current Enrolment  
**(910-05-REG)**

T. Herman announced that registration stats for 2009 – 2010 (**APPENDIX B**) were available for Senators information from the Registrar's Office and indicated a substantial increase in enrolment. In particular a total undergraduate full time enrolment increase of 37, a first year enrolment increase of 122 and a Nova Scotia student (full-time, part-time and graduate) increase of 247. He expressed appreciation to all Senators and the offices directly involved in enrolment activities for their efforts toward this endeavour.

He reported that the working group on Memoranda of Understanding and Memoranda of Agreement (a sub-committee of the Senate Admission & Academic Standing (Policy) Committee) has attempted to rationalize the various MOU and MOA signed by, and being considered by, Acadia University. In an effort to track these various agreements he asked that any such agreements be recorded with his office in a central database.

T. Herman reported that MPHEC had approved the Masters in Social and Political Thought as well as proposed approval for the Environmental & Sustainability Studies (BA), which would come to Senate for consideration in October. MPHEC is now considering a submission from Acadia University for a Bachelor of Arts in Music with Honours.

T. Herman reported that the Senate Admission & Academic Standing (Policy) Committee proposed changes to the Registrar's website regarding faculty information in the section on evaluation. It currently reads "instructors are to inform their students of their mid-

semester grade so that students can seek advice from their advisors if they feel it necessary by November 1 and March 1 of each year. Instructors are to have available an indication of the relative standing of each student for the use of the Dean, should such information be requested”. The proposed change would read “course standing” and “five days before the last day to drop a course without penalty, instructors are to have ...”

3) Business Arising from the Minutes

a) Archives Committee – Amendments to Senate By-Laws **(089-85-ARC)**

It was moved by S. Lochhead and seconded by S. Markham-Starr *that further to notice of motion at the June 2009 meeting, the terms of reference for the Senate Archives Committee be amended to read:*

*VIII (r) ARCHIVES COMMITTEE*

*ii The duties of the Archives Committee shall be:*

*Members of the Senate Archives Committee, representing the faculty, students, local community and the Convention of Atlantic Baptist churches, will work collaboratively*

- a. To advise and guide on long-term and short term directions that are consistent with the mandate and strategic direction of the Archives.*
- b. To advocate for the Archives within the University, the Convention of Atlantic Baptist Churches and the local community.*
- c. To make annual report.*
- d. To address other Archives-related issues that shall arise from time to time.*

MOTION WAS CARRIED.

\* See note under Other Business 5)a).

4) New Business

a) Admission & Academic Standing (Policy) Committee – Evaluations **(910-01-AAS)**

It was moved by T. Herman and seconded by R. Raeside *that the following change to the Undergraduate Calendar under Academic Policy and Regulations, Page 24, Evaluations be made: the first bullet be amended to read: “At the beginning of each course, professors are required to indicate, in writing, the workload for the course, **the required elements for completion**, together with the appropriate tentative dates and values of tests, term papers, quizzes and other assignments, attendance requirements and the value of final examinations”.*

T. Herman spoke to this motion and noted that the requirement that

courses not be credited unless all requirements had been completed was in fact not being universally followed by faculty and that the wording was interpreted differently by different individuals. To clarify this motion was brought forward.

Discussion included the following points:

- ▶ An interruption of “in writing” would be beneficial – i.e. does it include electronic correspondence? It was agreed that electronic correspondence was acceptable.
- ▶ The original language is a statement of principle and this motion is a watering down of the principle. The new wording puts the onus on the instructor rather than the student.
- ▶ The motion appears to imply that some faculty insist on completion of all requirements while others do not.
- ▶ A friendly amendment was accepted to remove the last two lines related to the second bullet (as reflected above). Therefore the existing second bullet reading “No credit is given for a course unless all requirements for it have been completed.”, would remain.
- ▶ This motion ensures that instructors make it clear to students what the course requirements are. This should be clearly stated in each course syllabus.
- ▶ It was recognized that requirements were course specific.

**MOTION AS AMENDED WAS CARRIED.**

b) Admission & Academic  
Standing (Policy)  
Committee – Dean’s List  
Criteria (**910-02-AAS**)

It was moved by T. Herman and seconded by R. Raeside *that the following change to the Undergraduate Calendar under Academic Policy and Regulations, Page 28, Dean’s List Criteria be made: the criteria for the Deans’ List be changed to read: The Deans’ List includes the names of the top 5% of non-graduating students in their degree, by faculty or school, registered in and completed 30h or more, or 15h or more with a fall or winter term co-op placement, in each academic year of undergraduate study of their first undergraduate degree.*

T. Herman spoke to this motion. The current criteria was not equitable as a small number of students who chose the co-op option were excluded in the process towards the Dean’s List.

Discussion included the following points:

- ▶ The Registrar confirmed that the wording (“students in their degree, by faculty or school”) is appropriate, given that consideration is given by degree and degrees are offered by a faculty or a school.
- ▶ T. Herman agreed to take the request to the Admissions and Academic Standing Committee (Policy) that all students, whether in their first degree or not, be given consideration for the Dean’s List.
- ▶ The Registrar confirmed that the criteria are based on annual GPA.

MOTION WAS CARRIED.

c) Admission & Academic  
Standing (Policy)  
Committee – Admission  
Requirements  
(910-03-AAS)

It was moved by T. Herman and seconded by A. Quéma *that the changes in the admissions requirements – per edited schedule as circulated electronically (APPENDIX C) prior to this meeting -- as recommended by the President’s Admissions Task Force be accepted by Senate.*

T. Herman spoke to this motion on behalf of a task force of the Senate Admissions and Academic Standing Committee (Policy) and said that high school students found current admission criteria/guidelines confusing. This is an attempt to streamline and clarify them. Discussion was held with academic units and so these recommendations have been vetted by those affected by them. Comparison has revealed that Acadia University’s current guidelines are more complex than those found in other institutions. These proposals would bring AU in line with general practice.

It was noted that the document being discussed was an edited version of that attached to the agenda and was circulated to all Senators electronically.

Discussion included the following points:

- ▶ All departments in Faculties of Science and Professional Studies listed specific requirements on top of general requirements.
- ▶ Students without high school chemistry but with mathematics do well in first-year chemistry, and so would be considered for admission on an individual basis.
- ▶ Currently the psychology program requires grade 12 academic math because of its need for statistics; however, this was being investigated in partnership with the math department and may change.
- ▶ Grade 11 (not Grade 12) math was a general admission requirement which was superseded by some program requirements.
- ▶ It was not the intent to “tighten up the admission requirements for AU”, but to simplify those requirements.
- ▶ Certain programs require a higher admission standard as reflected in this proposal.
- ▶ If introductory chemistry is a requirement of a program then high school chemistry should be an admission requirement. A friendly amendment was accepted on the Applied Science line – second bullet, to add after “Chemistry 12”: “for CAS students”.
- ▶ It was noted that only programs which had specific requirements on top of the general admission to the University requirements were listed in this document.

Friendly Amendment

MOTION AS AMENDED WAS CARRIED.

5) Other Business

- a) By-Laws Committee –  
Proposed Changes to the  
Senate By-Laws (Archives  
& Library Committees)  
**(910-06-LAW)**

Further to Item 3)a) – changes to the Senate By-Laws in relation to the Archives Committee - I. Wilks asked that the Senate By-Laws Committee look at this amendment and at the same time look at the approved changes to the Senate Library Committee made at the June meeting and report back at the October meeting.

- b) University Deadline dates  
in Relation to Graduation  
without a Fall Convocation  
**(910-07-TIE)**

D. Holmberg asked that given there was no longer a Fall Convocation, was it possible to remove deadlines for Fall Convocation from the Calendar, and simply allow students to receive a degree when all requirements had been met? If deadlines for Fall graduation are still deemed essential, what should they be?

R. Jotcham confirmed that currently, a graduation letter was issued at the time a student met all requirements and the degree was conferred at the next convocation. It was noted that approval of graduation hinges on faculty meetings which were held only twice a year. The Chair referred this issue to the Senate Timetable, Instruction Hours and Examination Committee and asked that a report be brought back to Senate.

6) Adjournment

R. Perrins moved this meeting be adjourned. It was 5:25 p.m.

ORIGINAL SIGNED

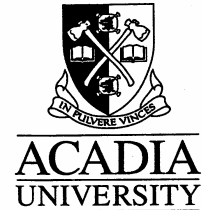
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D. Murphy, Recording Secretary

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September 14, 2009

Members of Senate:

This to report an election was held by the Senate Secretary to fill vacancies on the Senate Nominating Committee with the following results:

Senator from the Faculty of Pure and Applied Science - **Dr. A. Mitchell** - 1 year (completing a term begun by D. Symons)

Senator from the Faculty of Profesional Studies - **Dr. R. Sparkman** - 3 years

Respectfully submitted,

ORIGINAL SIGNED

Rosemary Jotcham  
Registrar and Secretary to Senate

**FIRST YEAR to Acadia full-time undergraduate  
September 2009**

Page 1/APPENDIX B  
Senate Minutes/14Sep09/Item 2)b)  
910-05-REG

<b>Faculty</b>	<b>Program</b>	<b>Major</b>	<b>2009</b>	<b>2008</b>	<b>2007</b>	<b>2006</b>	<b>2005</b>	<b>2004</b>	<b>2003</b>	<b>2002</b>	<b>2001</b>
	BA	No Major		0	0	0	0	0	1	20	
		CDNS	5	1	0	2					
		Clas	6	1	2	2	6	2	5	1	
		Econ	14	6	5	11	26	28	58	36	
		Engl	47	56	48	46	52	65	74	65	
		ESST	1								
		Fren	4	5	9	9	4	6	12	11	
		Germ		1	0	1	2	1	1	1	
		Hist	49	34	32	37	49	49	69	41	
		Math	1	3	2	1	1	0	0	1	
		Phil	7	4	5	5	8	8	11	7	
		Pols	29	30	30	24	36	31	68	49	
		Psyc	48	26	19	30	49	44	47	41	
		Soci	36	47	29	37	42	34	74	43	
		Span	5	1	2	1	4	3	2	3	
		Thea	10	19	12	19	14	7	12	15	14
		WMST	2	1	1						
	BAO			0	0	1	2	1	4		
<i>BA total majors</i>			<i>264</i>	<i>235</i>	<i>196</i>	<i>226</i>	<i>295</i>	<i>279</i>	<i>438</i>	<i>334</i>	<i>295</i>
		Music	40	32	31	36	44	30	55	40	34
<b>FAC of Arts Total</b>			<b>304</b>	<b>267</b>	<b>227</b>	<b>262</b>	<b>339</b>	<b>309</b>	<b>493</b>	<b>374</b>	<b>329</b>
	BBA		146	139	134	145	181	164	154	160	189
	BED		107	123	139	145	133	125	125	134	122
	BKIN		78	81	64	68	51	65	75	71	64
	BRM		28	29	22	29	30	33	34	21	33
<b>FAC of Prof Studies Total</b>			<b>359</b>	<b>372</b>	<b>359</b>	<b>387</b>	<b>395</b>	<b>387</b>	<b>388</b>	<b>386</b>	<b>408</b>





Faculty	Degree	FT	FT	FT	FT	FT	FT	FT	FT	FT	PT	PT	PT	PT	PT	PT	PT	PT	PT	Total	Total	Total	Total	Total	Total	Total	Total	Total	
		2009	2008	2007	2006	2005	2004	2003	2002	2001	2009	2008	2007	2006	2005	2004	2003	2002	2001	2009	2008	2007	2006	2005	2004	2003	2002	2001	
ARTS	UG	BA	722	754	801	1002	1119	1140	1232	1073	1013	29	22	27	32	34	17	26	29	20	751	776	828	1034	1153	1157	1258	1102	1033
		Music	116	122	123	147	141	134	145	130	121	3	3	6	5	4	3	5	9	5	119	125	129	152	145	137	150	139	126
		<b>838</b>	<b>876</b>	<b>924</b>	<b>1149</b>	<b>1260</b>	<b>1274</b>	<b>1377</b>	<b>1203</b>	<b>1134</b>	<b>1134</b>	<b>32</b>	<b>25</b>	<b>33</b>	<b>37</b>	<b>38</b>	<b>20</b>	<b>31</b>	<b>38</b>	<b>25</b>	<b>870</b>	<b>901</b>	<b>957</b>	<b>1186</b>	<b>1298</b>	<b>1294</b>	<b>1408</b>	<b>1241</b>	<b>1159</b>
PS	UG	BBA	515	516	519	563	582	571	615	658	625	15	9	11	18	16	13	18	14	15	530	525	530	581	598	584	633	672	640
		BED	241	259	279	272	258	248	248	243	249	0	2	3	0	0	0	0	1	0	241	261	282	272	258	248	248	244	249
		BKIN	266	253	238	234	235	260	259	264	264	2	0	1	5	4	1	0	6	4	268	253	239	239	239	261	259	270	268
		BRM	98	93	89	105	115	114	115	109	126	2	1	1	1	2	2	1	1	6	100	94	90	106	117	116	116	110	132
		Other PS	0	0	0	0	0	0	0	1	2	14	0	0	0	0	2	4	7	8	14	0	0	0	0	2	4	8	10
		<b>1120</b>	<b>1121</b>	<b>1125</b>	<b>1174</b>	<b>1190</b>	<b>1193</b>	<b>1237</b>	<b>1275</b>	<b>1266</b>	<b>33</b>	<b>12</b>	<b>16</b>	<b>24</b>	<b>22</b>	<b>18</b>	<b>23</b>	<b>29</b>	<b>33</b>	<b>1153</b>	<b>1133</b>	<b>1141</b>	<b>1198</b>	<b>1212</b>	<b>1211</b>	<b>1260</b>	<b>1304</b>	<b>1299</b>	
PAAS	UG	BCS	76	66	79	94	120	167	248	280	284	6	8	6	10	19	10	13	11	13	82	74	85	104	139	177	261	291	297
		BSC	630	586	573	667	722	714	805	754	766	27	20	19	21	25	22	13	18	20	657	606	592	688	747	736	818	772	786
		BSN	147	133	132	112	107	95	92	96	96	7	4	3	5	0	3	2	3	1	154	137	135	117	107	98	94	99	97
		CAS/BASC	92	107	102	101	130	131	128	109	104	1	1	2	2	2	1	4	3	6	93	108	104	103	132	132	132	112	110
		Other PAAS	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	0	0	0	0	0	0	1	0	2	0	0	1
			<b>945</b>	<b>892</b>	<b>886</b>	<b>974</b>	<b>1079</b>	<b>1107</b>	<b>1273</b>	<b>1239</b>	<b>1251</b>	<b>41</b>	<b>33</b>	<b>30</b>	<b>39</b>	<b>46</b>	<b>38</b>	<b>32</b>	<b>35</b>	<b>40</b>	<b>986</b>	<b>925</b>	<b>916</b>	<b>1013</b>	<b>1125</b>	<b>1145</b>	<b>1305</b>	<b>1274</b>	<b>1291</b>
	<b>UG</b>	<b>OTHER</b>	<b>46</b>	<b>23</b>	<b>28</b>	<b>33</b>	<b>39</b>	<b>28</b>	<b>41</b>	<b>54</b>	<b>41</b>	<b>24</b>	<b>24</b>	<b>41</b>	<b>28</b>	<b>37</b>	<b>21</b>	<b>40</b>	<b>33</b>	<b>87</b>	<b>47</b>	<b>52</b>	<b>74</b>	<b>67</b>	<b>65</b>	<b>62</b>	<b>94</b>	<b>97</b>	
	<b>Total UG</b>		<b>2949</b>	<b>2912</b>	<b>2963</b>	<b>3330</b>	<b>3568</b>	<b>3602</b>	<b>3928</b>	<b>3771</b>	<b>147</b>	<b>94</b>	<b>103</b>	<b>141</b>	<b>134</b>	<b>113</b>	<b>107</b>	<b>142</b>	<b>131</b>	<b>3096</b>	<b>3006</b>	<b>3066</b>	<b>3471</b>	<b>3702</b>	<b>3715</b>	<b>4035</b>	<b>3913</b>	<b>3846</b>	
MA	GR	13	5	11	12	8	11	13	8	5	2	5	2	5	8	7	3	1	7	15	10	13	17	16	18	16	9	12	
MSC	GR	28	10	50	51	61	62	46	43	36	15	26	12	20	20	30	23	15	9	43	36	62	71	81	92	69	58	45	
ME	GR	32	21	26	21	20	17	28	17	22	189	93	101	101	126	114	81	60	11	221	114	127	71	73	74	75	77	33	
MR	GR	1	0	0	0	1	3	3	4	5	2	1	0	0	1	2	2	1	0	3	1	0	0	2	5	5	5	5	
IND	GR	4	3	0	0	0	0	0	0	0	30	12	7	10	5	19	41	15	0	34	15	7	10	5	19	41	15	0	
Total GR			78	39	87	84	90	93	90	72	238	137	122	136	160	172	150	92	27	316	176	209	220	250	265	240	164	95	
	<b>Total Acadia</b>		<b>3027</b>	<b>2951</b>	<b>3050</b>	<b>3414</b>	<b>3658</b>	<b>3695</b>	<b>4018</b>	<b>3843</b>	<b>3783</b>	<b>385</b>	<b>231</b>	<b>225</b>	<b>277</b>	<b>294</b>	<b>285</b>	<b>257</b>	<b>234</b>	<b>158</b>	<b>3412</b>	<b>3182</b>	<b>3275</b>	<b>3691</b>	<b>3952</b>	<b>3980</b>	<b>4275</b>	<b>4077</b>	<b>3941</b>
ADC			43	38	56	50	60	55	58	51	55	36	28	24	37	29	28	12	10	98	74	84	74	97	84	86	63	63	
<b>ACADIA +ADC</b>			<b>3070</b>	<b>2989</b>	<b>3106</b>	<b>3464</b>	<b>3718</b>	<b>3750</b>	<b>4076</b>	<b>3894</b>	<b>440</b>	<b>267</b>	<b>253</b>	<b>301</b>	<b>331</b>	<b>314</b>	<b>285</b>	<b>246</b>	<b>168</b>	<b>3510</b>	<b>3256</b>	<b>3359</b>	<b>3765</b>	<b>4049</b>	<b>4064</b>	<b>4361</b>	<b>4140</b>	<b>4004</b>	

This number matches the county/country of residence stats.

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**Senate Minutes/14Sep09/Item 2)b)**  
**910-05-REG**

<b>County or Country</b>	<b>2009</b>	<b>2008</b>	<b>2007</b>	<b>2006</b>	<b>2005</b>	<b>2004</b>	<b>2003</b>	<b>2002</b>	<b>2001</b>	<b>2000</b>
Annapolis Co NS	65	53	78	94	98	89	104	112	94	105
Antigonish Co NS	21	16	16	12	11	14	19	20	19	19
Cape Breton Co NS	65	70	82	76	56	64	75	92	103	83
Colchester Co NS	67	60	67	74	85	92	106	120	118	129
Cumberland Co NS	35	28	23	28	37	38	42	46	53	55
Guysboro Co NS	8	7	7	8	8	9	8	5	7	6
Halifax Co NS	560	509	508	513	549	528	563	555	458	429
Inverness Co NS	12	6	8	8	11	15	24	28	33	40
Kings Co NS	565	459	464	506	506	536	539	544	570	590
Lunenburg Co NS	105	104	96	109	143	121	138	160	167	168
Pictou Co NS	55	50	51	59	58	64	86	97	107	109
Queens Co NS	31	30	29	26	24	36	36	39	31	27
Richmond Co NS	12	12	9	9	14	21	19	8	11	10
Shelburne Co NS	39	27	31	36	38	35	55	54	63	64
Victoria Co NS	5	11	10	16	18	13	12	13	15	16
Yarmouth Co NS	88	69	72	58	58	70	62	73	73	93
Digby Co NS	37	34	36	46	43	42	61	55	62	61
Hants Co NS	121	99	89	91	122	117	124	154	170	177
<b>Nova Scotia total</b>	<b>1891</b>	<b>1644</b>	<b>1676</b>	<b>1769</b>	<b>1879</b>	<b>1904</b>	<b>2073</b>	<b>2175</b>	<b>2154</b>	<b>2181</b>
Albert Co NB	15	9	9	9	13	17	14	20	22	24
Carleton Co NB	20	15	18	18	20	27	26	36	43	46
Charlotte Co NB	7	5	5	6	8	14	18	15	21	17
Gloucester Co NB	9	10	8	9	9	11	9	8	13	16
Kent Co NB	1	1	2	1	3	1	1	1	0	0
Kings Co NB	34	37	47	58	55	64	67	81	71	44
Madawaska Co NB	1	2	1	1	1	0	1	1	1	1
Northumberland Co NB	7	6	6	7	10	8	9	9	12	15
Queens Co NB	2	3	2	2	2	2	5	5	4	3
Restigouche Co NB	10	9	7	13	14	11	12	11	12	16
St John Co NB	19	14	12	9	4	10	10	11	14	14
Sunbury Co NB	3	2	2	1	3	2	6	4	3	3
Victoria Co NB	1	2	3	2	8	7	13	9	5	5
Westmoreland Co NB	48	48	51	55	46	50	53	51	63	61
York Co NB	38	28	31	24	22	19	22	15	20	24
<b>New Brunswick total</b>	<b>215</b>	<b>191</b>	<b>204</b>	<b>215</b>	<b>218</b>	<b>243</b>	<b>266</b>	<b>277</b>	<b>304</b>	<b>289</b>
Prince Co PE	18	17	12	9	16	18	28	32	26	28
Queens Co PE	22	25	25	20	36	37	55	43	42	46
Kings Co PE	6	6	3	7	6	11	12	11	9	9
<b>PEI total</b>	<b>46</b>	<b>48</b>	<b>40</b>	<b>36</b>	<b>58</b>	<b>66</b>	<b>95</b>	<b>86</b>	<b>77</b>	<b>83</b>
Alberta	164	160	129	111	110	95	84	75	74	70
British Columbia	98	101	82	99	98	104	98	96	85	72
Manitoba	22	18	21	21	22	24	22	21	19	14
Newfoundland	50	41	48	68	86	124	202	249	301	345
Ontario	478	472	523	663	689	709	686	455	433	417
Quebec	36	40	35	42	46	43	42	49	51	70
Saskatchewan	16	10	4	15	19	16	23	23	19	14
Northwest Territory	8	9	13	13	12	12	10	9	4	4
Yukon Territory	3	5	5	6	8	8	8	8	7	3
Nunavut	1	0		1	1					
<b>Other Canada total</b>	<b>876</b>	<b>856</b>	<b>860</b>	<b>1039</b>	<b>1091</b>	<b>1135</b>	<b>1175</b>	<b>985</b>	<b>993</b>	<b>1009</b>



**Page 6/APPENDIX B**  
**Senate Minutes/14Sep09/Item 2)b)**  
**910-05-REG**

Lebanon	1	3	2	0	0	0	0	0	0	0
Liberia				0	1	1	0	0	0	0
Libya				0	1	0	0	0	1	1
Lithuania				0	0	0	1	1	0	0
Macau			1	1						
Malaysia	5	4	6	6	8	8	8	2	8	19
Mauritius	1		1	1						
Mexico	2	2	2	1	2	1	0	1	0	0
Moldava				0	0	0	1	1	1	1
Mozambique				0	1	2	1	0	0	0
Netherlands			2	1	2	2	1	1	1	1
New Zealand				0	0	1	0	0	0	0
Nigeria	6	5	7	7	5	7	4	11	10	4
Norway				1	2	3	4	3	3	3
Oman				0	0	1	3	3	4	2
Pakistan	2	4	1	1	2	4	6	7	9	6
Palestine				0	0	1	1	0	0	0
Peru				0	0	1	0	0	0	0
Poland				0	1	1	1	0	1	1
Portugal				1						
PR China	183	207	245	367	423	353	282	152	71	3
Qatar				0	0	0	1	1	1	1
Russia	6	6	5	4	4	5	5	5	2	2
Saudi Arabia	11	11	10	4	2	1	1	2	2	1
Senegal				1	1	1	1	0	0	0
Sierra Leone		1								
Singapore				0	1	2	2	2	0	0
Spain	1	2	2	1	0	0	2	2	3	4
Sri Lanka	1	1		0	0	0	1	0	0	0
St. Lucia	3	1		1	1	2	4	9	1	6
St. Vincent & Grenadines				0	0	0	0	0	0	0
Stateless										
Sweden				0	1	1	3	1	0	0
Switzerland	1	1		1	1	1	1	0	0	1
Syrian Arab Republic		1		0	0	2	2	2	1	1
Taiwan	3	4	4	6	5	4	6	5	6	8
Tanzania		1	1	1	4	4	4	3	0	0
Thailand			1	1	1	2	1	1	1	0
Trinidad and Tobago	1	3	1	1	1	1	1	0	1	2
Turkey			2	3	7	6	5	3	0	2
Turks & Caicos Is.				0	0	0	1	1	0	0
Uganda				0	0	0	0	0	0	0
Ukraine	1	1	1	0	0	1	1	1	0	0
UN South Africa				0	0	0	0	1	0	0
United Arab Emirates	3	7	6	8	11	7	9	15	6	6
United Kingdom	4	7	9	7	12	7	9	11	18	10
United States	102	107	127	117	128	121	129	109	88	71
Venezuela				1	1	0	0	1	1	1
Vietnam				1	0	1	1	1	0	0
Virgin Islands				0	5	3	6	6	2	0
Yemen				0	0	1	0	0	0	0
Yugoslavia				0	0	0	2	0	1	1
Zambia		1	1	1	0	0	0	2	0	0
Zimbabwe				0	1	2	3	3	4	1

<b>International Total</b>	<b>482</b>	<b>517</b>	<b>579</b>	<b>705</b>	<b>802</b>	<b>733</b>	<b>751</b>	<b>618</b>	<b>479</b>	<b>338</b>
<b>All UG/GR PT/FT total</b>	3510	3256	3359	3764	4048	4081	4360			

	<b>Current Acadia Guidelines</b>	<b>Proposed Amendments</b>	<b>Dalhousie</b>	<b>St. Francis Xavier</b>	<b>Mount Allison University</b>	<b>Queens University</b>	<b>McGill</b>
<b>General Admission Guidelines</b>	<ul style="list-style-type: none"> <li>Grade 12 English</li> <li>At least 2 of Grade 12 Biology, Canadian Literature, Chemistry, French, Geology, German, Global History, Latin, Mathematics, Physics, or Spanish</li> <li>Two additional Grade 12 academic or advanced courses</li> <li>Minimum 70% average for all programs</li> </ul>	<ul style="list-style-type: none"> <li>Grade 12 English</li> <li>Four other university-preparatory grade 12 courses</li> <li>Minimum 70% overall average (Individual programs may have specific course requirements)</li> </ul>	<ul style="list-style-type: none"> <li>Completion of secondary school (i.e. Grade 12) with a minimum overall average of 70% in your final year</li> <li>A final grade of at least 70% in Grade 12 English</li> </ul>	<ul style="list-style-type: none"> <li>A combined average of 70 in Grade 11 and Grade 12 to include English each year</li> <li>Credit for five academic or advanced courses in each of Grade 11 and Grade 12</li> <li>No less than 65% in all course required for admission</li> </ul>	<ul style="list-style-type: none"> <li>Grade 12 English and four other university-preparatory courses with at least 65% in each course</li> </ul>	<ul style="list-style-type: none"> <li>Grade 12 English</li> <li>4 other grade 12 academic courses</li> <li>Minimum 80% average</li> <li>Personal Statement of Experience required</li> </ul>	<ul style="list-style-type: none"> <li>Grade 12</li> <li>Five Grade 12 academic or advanced courses including Grade 12 English</li> </ul>
<b>Applied Science</b>	<ul style="list-style-type: none"> <li>70% in English 12</li> <li>70% in Grade 11 and Grade 12 Advanced Math and Pre calculus 12</li> <li>Chemistry 12</li> <li>70% overall average</li> <li>Physics 12 (recommended)</li> </ul>	<ul style="list-style-type: none"> <li>Precalculus 12</li> <li>Chemistry 12 (applicants without Chemistry 12 will be considered on an individual basis)</li> <li>Physics 12 recommended</li> </ul>	<ul style="list-style-type: none"> <li>Overall average of at least 75%</li> <li>One of Pre-Calculus 12 or Calculus 12</li> <li>Three additional academic or advanced Grade 12 subjects</li> </ul>	<ul style="list-style-type: none"> <li>Pre-calculus math</li> <li>two of biology, chemistry or physics</li> <li>One other academic or advanced grade 12 course</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Calculus 12</li> <li>Two academic or advanced Grade 12 courses recommended</li> <li>One in either the Humanities or Social Sciences recommended</li> <li>All required courses must have a minimum 70% average</li> </ul>	<ul style="list-style-type: none"> <li>Minimum 84% average</li> <li>Five academic courses including: Eng12, Pre-Calculus 12</li> <li>Plus two of: Biology12, Chemistry 12, Physics 12</li> <li>One other academic Grad 12 Course</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Calculus 12</li> <li>Two of: Biology 12, Chemistry 12 or Physics 12</li> </ul>
<b>Biology</b>	<ul style="list-style-type: none"> <li>Grade 11 and Grade 12 academic or advanced math</li> <li>Chemistry 12</li> </ul>	<ul style="list-style-type: none"> <li>Grade 11 and 12 Academic or Advanced Mathematics</li> <li>Chemistry 12 (applicants without Chemistry 12 will be considered on an individual basis)</li> </ul>	<ul style="list-style-type: none"> <li>Overall average of at least 75%</li> <li>One of Pre-Calculus 12 or Calculus 12</li> <li>Three additional academic or advanced Grade 12 subjects</li> </ul>	<ul style="list-style-type: none"> <li>Pre-calculus math</li> <li>two of biology, chemistry or physics</li> <li>One other academic or advanced grade 12 course</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Calculus 12</li> <li>Two academic or advanced Grade 12 courses recommended</li> <li>One in either the Humanities or Social Sciences recommended</li> <li>All required courses must have a minimum 70% average</li> </ul>	<ul style="list-style-type: none"> <li>Minimum 84% admission average</li> <li>Five academic courses including: Eng12, Pre-Calculus 12</li> <li>Plus two of: Biology12, Chemistry 12, Physics 12</li> <li>One other academic Grad 12 Course</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Calculus 12</li> <li>Two of: Biology 12, Chemistry 12 or Physics 12</li> </ul>
<b>Business Administration</b>	<ul style="list-style-type: none"> <li>70% in English 12</li> <li>70% in Grade 11 and 12 Academic or Advanced Math</li> <li>70% overall average</li> </ul>	<ul style="list-style-type: none"> <li>70% in English 12</li> <li>Grade 11 and 12 Academic or Advanced Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>English12</li> <li>Three additional Academic or Advanced Grade 12 subjects</li> <li>An overall 75% average</li> <li>One of: Math 12, Advanced Math 12, Pre-calculus 12 or Calculus 12</li> </ul>	<ul style="list-style-type: none"> <li>English</li> <li>Academic or Advanced Math 12</li> <li>Three other academic or advanced grade 12 Courses</li> </ul>	<ul style="list-style-type: none"> <li>English 12</li> <li>Pre-Calculus Math</li> <li>University preparatory courses in Sciences, Humanities and Social Sciences recommended</li> </ul>	<ul style="list-style-type: none"> <li>Minimum 87% admission average</li> <li>Minimum 80% in Math and English</li> <li>Five academic courses including English 12 and Pre-Calculus 12</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Calculus 12</li> <li>English 12</li> </ul>
<b>Chemistry</b>	<ul style="list-style-type: none"> <li>Grade 11 and Grade 12 Advanced Math</li> <li>Pre-Calculus 12</li> <li>Chemistry 12</li> </ul>	<ul style="list-style-type: none"> <li>Precalculus 12</li> <li>Chemistry 12 (applicants without Chemistry 12 will be considered on an individual basis)</li> </ul>	<ul style="list-style-type: none"> <li>Overall average of at least 75%</li> <li>One of Pre-Calculus 12 or Calculus 12</li> <li>Three additional academic or advanced Grade 12 subjects</li> <li>Chemistry 12 and Physics 12 recommended</li> </ul>	<ul style="list-style-type: none"> <li>English 12</li> <li>Pre-Calculus Math</li> <li>Two of Biology 12, Chemistry 12 or Physics 12</li> <li>One other academic or advanced Grade 12 course</li> </ul>	<ul style="list-style-type: none"> <li>Adv. Math 12 or Academic Math 12or</li> <li>Pre-Calc Math 12</li> <li>Two of: Biology 12, Chemistry 12 or Physics 12</li> <li>One additional Grade 12 Academic course</li> <li>Minimum admission average 75%</li> <li>An average of the marks in Math12 or Pre Cal and the best two grades from 12 Biology, Chemistry, Geology and Physics must be at least 75%.</li> </ul>	<ul style="list-style-type: none"> <li>Calculus 12</li> <li>English 12</li> <li>Two of Biology 12, Chemistry 12, Physics 12</li> <li>One other grade 12 math course</li> <li>Combined minimum average of 70% is required for all pre-requisite courses in science and math</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Calculus 12</li> <li>Two of Biology 12, Chemistry 12 or Physics 12</li> <li>Grade 12 English</li> </ul>
<b>Computer Science</b>	<ul style="list-style-type: none"> <li>70% in English 12</li> <li>70% in Grade 11 and Grade 12 Advanced Math and Pre-Calculus 12</li> <li>70% overall average</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Calculus 12</li> </ul>	<ul style="list-style-type: none"> <li>English 12</li> <li>One of Pre-calculus 12 or Calculus 12</li> <li>Three additional academic or advanced Grade 12 courses</li> <li>Minimum overall average of 70%</li> </ul>	<ul style="list-style-type: none"> <li>English 12</li> <li>Pre-Calculus Math 12</li> <li>Two of Biology 12, Chemistry 12 or Physics 12</li> <li>One other Academic or Advanced Grade 12 course</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Calculus 12</li> <li>Two academic or advanced Grade 12 courses recommended</li> <li>One in either the Humanities or Social Sciences recommended</li> <li>All required courses must have a minimum 70% average</li> </ul>	<ul style="list-style-type: none"> <li>Minimum admission average 80%</li> <li>English 12</li> <li>Pre-Calculus Math 12</li> <li>Three other academic or advanced Grade 12 courses</li> <li>Personal Statement of Experience is required</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Calculus 12</li> <li>Two of Biology 12, Chemistry 12 or Physics 12</li> </ul>
<b>Economics</b>	<ul style="list-style-type: none"> <li>Grade 11 and 12 Academic or Advanced Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>Grade 11 and 12 Academic or Advanced math</li> </ul>	<ul style="list-style-type: none"> <li>English 12</li> <li>Pre-Calculus 12 or Calculus 12</li> <li>Three additional Academic or Advanced Grade 12 courses</li> <li>Minimum overall average 75%</li> </ul>	<ul style="list-style-type: none"> <li>English 12</li> <li>Four other academic or advanced Grade 12 courses</li> </ul>	<ul style="list-style-type: none"> <li>English 12</li> <li>Pre-Calculus 12</li> <li>3 Academic or Advanced Grade 12 courses in Sciences, Humanities or Social Sciences strongly recommended</li> </ul>	<ul style="list-style-type: none"> <li>Minimum 80% average</li> <li>Four academic or advanced Grade 12 courses</li> <li>English 12</li> </ul>	<ul style="list-style-type: none"> <li>Grade 12 English</li> </ul>

	•	•	•	•	•	•	
Environmental Geoscience	<ul style="list-style-type: none"> <li>Grade 11 and Grade 12 Academic or Advanced Mathematics</li> <li>Chemistry 12</li> <li>Physics 12 recommended</li> </ul>	<ul style="list-style-type: none"> <li>Grade 11 and 12 Academic or Advanced Mathematics</li> <li>Chemistry 12 (applicants without Chemistry 12 will be considered on an individual basis)</li> </ul>	<ul style="list-style-type: none"> <li>English 12</li> <li>Pre-Calculus or Calculus</li> <li>Three additional University preparatory courses</li> <li>Minimum average 75%</li> </ul>	<ul style="list-style-type: none"> <li>English12</li> <li>Pre-calculus math</li> <li>Two of Biology 12, Chemistry 12 or Physics 12</li> <li>One other academic or advanced Grade 12 course</li> </ul>	<ul style="list-style-type: none"> <li>English 12</li> <li>Pre-Calculus 12</li> <li>3 Academic or Advanced Grade 12 courses in Sciences, Humanities or Social Sciences strongly recommended</li> </ul>	<ul style="list-style-type: none"> <li>Calculus 12</li> <li>English 12</li> <li>A Combined minimum average of 70% for all required courses in science and math</li> <li>Two of Biology 12, Chemistry 12, Physics 12</li> <li>One other grade 12 math course</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Calculus 12</li> <li>Two of Biology 12, Chemistry 12 or Physics 12</li> <li>Grade 12 English</li> </ul>



	Current Acadia Guidelines	Proposed Amendments	Dalhousie	St. Francis Xavier	Mount Allison University	Queens University	McGill
Environmental Science	<ul style="list-style-type: none"> <li>70% in English 12</li> <li>70% Grade 11 and Grade 12 Academic or Advanced Math</li> <li>Chemistry 12</li> <li>70% overall average</li> </ul>	<ul style="list-style-type: none"> <li>Grade 11 and 12 Academic or Advanced Mathematics</li> <li>Chemistry 12 (applicants without Chemistry 12 will be considered on an individual basis)</li> </ul>	<ul style="list-style-type: none"> <li>Overall average of at least 75%</li> <li>One of Pre-Calculus 12 or Calculus 12</li> <li>Three additional academic or advanced Grade 12 subjects</li> </ul>	<ul style="list-style-type: none"> <li>English12</li> <li>Pre-calculus math</li> <li>Two of Biology 12, Chemistry 12 or Physics 12</li> <li>One other academic or advanced Grade 12 course</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Calculus 12</li> <li>Two academic or advanced Grade 12 courses recommended</li> <li>One in either the Humanities or Social Sciences recommended</li> <li>All required courses must have a minimum average of 70%</li> </ul>	<ul style="list-style-type: none"> <li>Minimum admission average of 84%</li> <li>English 12</li> <li>Pre-Calculus 12 and Math 12</li> <li>Two of Biology 12, Chemistry 12, Physics 12</li> <li>One additional academic or advanced Grade 12 course</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Calculus 12</li> <li>Two of Biology 12, Chemistry 12 or Physics 12</li> </ul>
Geology	<ul style="list-style-type: none"> <li>Grade 11 and Grade 12 Academic or Advanced Mathematics</li> <li>Chemistry 12</li> <li>Physics 12 recommended</li> </ul>	<ul style="list-style-type: none"> <li>Grade 11 and 12 Academic or Advanced Mathematics</li> <li>Chemistry 12 (applicants without Chemistry 12 will be considered on an individual basis)</li> </ul>	<ul style="list-style-type: none"> <li>English 12</li> <li>Pre-Calculus or Calculus</li> <li>Three additional University preparatory courses</li> <li>Minimum average 75%</li> </ul>	<ul style="list-style-type: none"> <li>English12</li> <li>Pre-calculus math</li> <li>Two of Biology 12, Chemistry 12 or Physics 12</li> <li>One other academic or advanced Grade 12 course</li> </ul>	<ul style="list-style-type: none"> <li>English 12</li> <li>Pre-Calculus 12</li> <li>3 Academic or Advanced Grade 12 courses in Sciences, Humanities or Social Sciences strongly recommended</li> </ul>	<ul style="list-style-type: none"> <li>Calculus 12</li> <li>English 12</li> <li>A Combined minimum average of 70% for all required courses in science and math</li> <li>Two of Biology 12, Chemistry 12, Physics 12</li> <li>One other grade 12 math course</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Calculus 12</li> <li>Two of Biology 12, Chemistry 12 or Physics 12</li> <li>Grade 12 English</li> </ul>
Kinesiology	<ul style="list-style-type: none"> <li>Grade 11 and 12 Academic or Advanced Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>Grade 11 and 12 Academic or Advanced Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>Minimum 75% overall average</li> <li>English 12</li> <li>One of Advanced Math 12, Advanced Math 12, Pre-Calculus 12 or Calculus 12</li> <li>Three additional academic or advanced Grade 12 courses</li> </ul>	<ul style="list-style-type: none"> <li>English 12</li> <li>Two of academic or advanced Math 12, Chemistry 12, Biology 12, or Physics 12</li> <li>Two other Grade 12 academic or advanced courses</li> </ul>		<ul style="list-style-type: none"> <li>Minimum 87% average</li> <li>English 12</li> <li>Biology 12</li> <li>Two of Chemistry 12, Pre-Calculus 12 or Physics 12</li> <li>One other academic or advanced Grade 12 course</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Calculus 12</li> <li>Grade 12 English</li> <li>Two of Biology 12, Chemistry 12 or Physics 12</li> </ul>
Mathematics	<ul style="list-style-type: none"> <li>Grade 11 and Grade 12 Advanced Math</li> <li>Pre Calculus 12</li> <li>70% in math</li> <li>Physics recommended</li> </ul>	<ul style="list-style-type: none"> <li>70% in Precalculus 12</li> </ul>	<ul style="list-style-type: none"> <li>English 12</li> <li>Pre-Calculus 12 or Calculus 12</li> <li>Three additional academic or advanced Grade 12 courses</li> </ul>	<ul style="list-style-type: none"> <li>English 12</li> <li>Pre-calculus 12</li> <li>Two of Biology 12, Chemistry 12 or Physics 12</li> <li>One other academic or advanced Grade 12 course</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Calculus 12</li> <li>Two academic or advanced Grade 12 courses recommended</li> <li>One in either the Humanities or Social Sciences recommended</li> <li>All required courses must have a minimum 70% average</li> </ul>	<ul style="list-style-type: none"> <li>Minimum 84% average</li> <li>Five academic courses including: Eng12, Pre-Calculus 12</li> <li>Plus two of: Biology12, Chemistry 12, Physics 12</li> <li>One other academic Grade 12 Course</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Calculus 12</li> <li>Grade 12 English</li> <li>Two of Biology 12, Chemistry 12 or Physics 12</li> </ul>
Nutrition	<ul style="list-style-type: none"> <li>Grade 11 and Grade 12 Academic or Advanced Math</li> <li>Chemistry 12</li> </ul>	<ul style="list-style-type: none"> <li>Grade 11 and 12 Academic or Advanced Mathematics</li> <li>Chemistry 12 (applicants without Chemistry 12 will be considered on an individual basis)</li> </ul>	<ul style="list-style-type: none"> <li>English 12</li> <li>One of Pre-Calculus or Calculus 12</li> <li>Three additional Grade 12 academic or advanced courses</li> <li>Admission average 75%</li> <li>Biology 12, Chemistry 12 and Physics 12 recommended</li> </ul>	<ul style="list-style-type: none"> <li>English 12</li> <li>Academic or Advanced Math 12</li> <li>Two of Biology 12, Chemistry 12 or Physics 12 (normally biology and chemistry)</li> <li>One other academic or advanced Grade 12 course</li> </ul>			<ul style="list-style-type: none"> <li>Pre-Calculus 12</li> <li>Two of Biology 12, Chemistry 12 or Physics 12</li> <li>Grade 12 English</li> </ul>
Physics	<ul style="list-style-type: none"> <li>Grade 11 and Grade 12 Advanced Math</li> <li>Pre Calculus 12</li> <li>Physics 12 recommended</li> </ul>	<ul style="list-style-type: none"> <li>Precalculus 12</li> <li>Physics 12 recommended</li> </ul>	<ul style="list-style-type: none"> <li>English 12</li> <li>Pre-Calculus 12 or Calculus 12</li> <li>Three additional Academic or Advanced Grade 12 courses</li> <li>Physics 12 recommended</li> <li>Minimum overall average 75%</li> </ul>	<ul style="list-style-type: none"> <li>English 12</li> <li>Pre-Calculus 12</li> <li>Two of Biology 12, Chemistry 12 or Physics 12</li> <li>One other academic or advanced Grade 12 course</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Calculus 12</li> <li>Two academic or advanced Grade 12 courses recommended</li> <li>One in either the Humanities or Social Sciences recommended</li> <li>All required courses must have a minimum 70% average</li> </ul>	<ul style="list-style-type: none"> <li>Minimum 84% average</li> <li>Five academic courses including: Eng12, Pre-Calculus 12</li> <li>Plus two of: Biology12, Chemistry 12, Physics 12</li> <li>One other academic Grade 12 Course</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Calculus 12</li> <li>Grade 12 English</li> <li>Two of Biology 12, Chemistry 12 or Physics 12</li> </ul>
Psychology	<ul style="list-style-type: none"> <li>Grade 11 and Grade 12 Academic or Advanced Math</li> </ul>	BA: <ul style="list-style-type: none"> <li>Grade 11 Academic or Advanced Mathematics</li> </ul> BSc: <ul style="list-style-type: none"> <li>Grade 11 and 12 Academic or Advanced Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>English 12</li> <li>Pre-Calculus 12 or Calculus 12</li> <li>Three additional academic or advanced Grade 12 courses</li> <li>Admission average 75%</li> </ul>	BA: <ul style="list-style-type: none"> <li>English</li> <li>Four other Academic or Advanced Grade 12 courses</li> </ul> BSc: <ul style="list-style-type: none"> <li>English 12</li> <li>Pre-Calculus Math</li> <li>Two of Biology 12, Chemistry 12 or Physics 12</li> <li>One other Grade 12 Academic or Advanced course</li> </ul>	BA: <ul style="list-style-type: none"> <li>English 12</li> <li>Academic or Advanced courses in Math, Humanities, Social Sciences or Sciences recommended</li> </ul> BSc: <ul style="list-style-type: none"> <li>Pre-Calculus 12</li> <li>Two academic or advanced Grade 12 courses recommended</li> <li>One in either the Humanities or Social Sciences recommended</li> <li>All required courses must have a minimum 70% average</li> </ul>	BA: <ul style="list-style-type: none"> <li>Minimum 80% admission average</li> <li>English 12</li> <li>Four additional Grade 12 Academic or Advanced courses</li> </ul> BSc: <ul style="list-style-type: none"> <li>Minimum 84% admission average</li> <li>English 12</li> <li>Pre-Calculus 12</li> <li>Two of Biology 12, Chemistry 12, Physics 12</li> <li>One additional academic Grade 12 course</li> </ul>	BA: <ul style="list-style-type: none"> <li>Grade 12 English</li> </ul> BSc: <ul style="list-style-type: none"> <li>Pre-Calculus 12</li> <li>Two of Biology 12, Chemistry 12 or Physics 12</li> <li>English 12</li> </ul>