

**\*TENTATIVE PLAN \*\***

			2019	2019	2019	2020	2020	2020	2021	2021	2021	2022	2022	2022	2023	2023	2023	2024	2024	2024
			Jan.-Apr.	May-Aug	Sept.-Dec.	Jan.-Apr.	May-Aug	Sept.-Dec.	Jan.-Apr.	May-Aug	Sept.-Dec.	Jan.-Apr.	May-Aug	Sept.-Dec.	Jan.-Apr.	May-Aug	Sept.-Dec.	Jan.-Apr.	May-Aug	Sept.-Dec.
<b>CORE</b>	<b>(38 Credits Required)</b>																			
ELEX 7010	Engineering Statistics	Core		X			X			X			X			X			X	
ELEX 7020	Multivariable Calculus ...	Core			X			X			X			X			X			X
ELEX 7021	Scientific Computing 1	Core			X			X			X			X			X			X
ELEX 7030	Thermodynamics	Core			X			X			X			X			X			X
ELEX 7040	Engineering Materials	Core	X			X			X			X			X			X		
ELEX 7110	Linear Physical Systems	Core			X			X			X			X			X			X
ELEX 7120	Linear Algebra & Vector	Core	X			X			X			X			X			X		
ELEX 7121	Scientific Computing 2	Core	X			X			X			X			X			X		
ELEX 7140	Semiconductor Theory ...	Core	X			X			X			X			X			X		
ELEX 7210	Signal Theory & Process..	Core	X			X			X			X			X			X		
ELEX 7220	Feedback Control	Core	X			X			X			X			X			X		
ELEX 7230	Electromagnetism	Core			X			X			X			X			X			X
ELEX 7240	Electric Machines	Core			X			X			X			X			X			X
ELEX 7250	Communication Theory ...	Core			X			X			X			X			X			X
<b>ELECTIVES</b>	<b>(9 Credits Required)</b>																			
ELEX 8010	Data Communication	Elective					X						X							
ELEX 8030	Real-Time Embedded Sys	Elective	X			X			X			X			X			X		
ELEX 8130	Computer Networks	Elective				X						X								
ELEX 8140	Mobile Communications	Elective		X						X						X			X	
ELEX 8170	Industrial Sys Electr Des	Elective			X			X			X			X			X			X
ELEX 8180	Discrete-Time Contr Sys	Elective								X					X				X	
ELEX 8270	Power System Analysis	Elective	X			X			X			X			X			X		
ELEX 8275	RF Design Engineering	Elective																		
ELEX 8285	Power System Protection	Elective		X			X			X			X			X			X	
<b>MANAGEMENT</b>	<b>(9 Credits Required)</b>																			
BUSA 7250	Management Skills & App	Req'd	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ELEX 8280	Engineering Law	Req'd	X			X			X			X			X			X		
FMGT 8295	Engineering Economics	Req'd		X			X			X			X			X			X	
<b>PROJECT</b>	<b>(5 Credits Required)</b>																			
ELEX 8300	Industry Project	Req'd	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>LIBERAL STUDIES</b>	<b>(12 Credits Required)</b>																			
LIBS 7001	Critical Writing	Req'd	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LIBS 7002	Applied Ethics	Req'd	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LIBS XXXX	Student's choice	Req'd	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LIBS XXXX	Student's choice	Req'd	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>TUTORIAL</b>	<b>Optional</b>																			
ELEX 0362	MATLAB and Simulink	Optional	X	X		X	X		X	X		X	X		X	X		X	X	

\* Latest details on bcit.ca

\*\* Subject to change