

**Btech (Electronics) Degree & P.Eng.**  
**\* Sample Plan for Working Candidates**  
**Starting in the January term**

	Sep. - Dec.	Jan. - Apr.	May - Aug.
Year 1		ELEX 7040 Engineering Materials LIBS 7001 Critical Writing	ELEX 7010 Engineering Statistics FMGT 8295 Engineering Economics
Year 2	ELEX 7020 Multivariable Calculus ... ELEX 7021 Scientific Computing 1 ELEX 7030 Thermodynamics	ELEX 7140 Semiconductor Theory & ... ELEX 7120 Linear Algebra & Vector Calc ELEX 7121 Scientific Computing 2	BUSA 7250 Management Skills & App LIBS 7002 Applied Ethics
Year 3	ELEX 7110 Linear Physical Sys ELEX 7230 Electromagnetism	ELEX 7210 Signal Theory & Process ELEX 7220 Feedback Control	LIBS XXXX Student's choice LIBS XXXX Student's choice
Year 4	ELEX 7240 Electric Machines ELEX 7250 Communication Th & App ELEX 8300 Industry Project (start)	ELEX 8280 Engineering Law ELEX XXXX Student's choice ELEX 8300 Industry Project (con't)	ELEX XXXX Student's choice ELEX XXXX Student's choice ELEX 8300 Industry Project (finish) <b>BTech(Electronics) degree</b>
	Prepare and write FE exams Earn Engineer-in-Training status Attend Iron Ring Ceremony		
Years 5,6 and 7	Work		
Year 8 or sooner	Professional Engineer		

**Btech (Electronics) Degree & P.Eng.**  
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**Starting in the May term**

	Sep. - Dec.	Jan. - Apr.	May - Aug.
Year 1			ELEX 7010 Engineering Statistics FMGT 8295 Engineering Economics
Year 2	ELEX 7020 Multivariable Calculus ... ELEX 7021 Scientific Computing 1 ELEX 7030 Thermodynamics	ELEX 7040 Engineering Materials ELEX 7120 Linear Algebra & Vector Calc ELEX 7121 Scientific Computing 2	BUSA 7250 Management Skills & App LIBS 7002 Applied Ethics
Year 3	ELEX 7110 Linear Physical Sys ELEX 7230 Electromagnetism	ELEX 7140 Semiconductor Theory & ... LIBS 7001 Critical Writing	LIBS XXXX Student's choice LIBS XXXX Student's choice
Year 4	ELEX 7240 Electric Machines ELEX 7250 Communication Th & App	ELEX 7210 Signal Theory & Process ELEX 7220 Feedback Control	ELEX XXXX Student's choice ELEX XXXX Student's choice ELEX 8300 Industry Project (start)
Year 5	ELEX XXXX Student's choice ELEX 8300 Industry Project (con't)	ELEX 8280 Engineering Law ELEX 8300 Industry Project (finish) <b>BTech(Electronics) degree</b>	Prepare and write FE exams
	Earn Engineer-in-Training status Attend Iron Ring Ceremony		
Years 6 and 7	Work		
Year 8 or sooner	Professional Engineer		

**Btech (Electronics) Degree & P.Eng.**  
**\* Sample Plan for Working Candidates**  
**Starting in the September term**

	Sep. - Dec.	Jan. - Apr.	May - Aug.
Year 1	ELEX 7020 Multivariable Calculus ... ELEX 7021 Scientific Computing 1 ELEX 7030 Thermodynamics	ELEX 7040 Engineering Materials ELEX 7120 Linear Algebra & Vector Calc ELEX 7121 Scientific Computing 2	ELEX 7010 Engineering Statistics FMGT 8295 Engineering Economics
Year 2	ELEX 7110 Linear Physical Sys ELEX 7230 Electromagnetism	ELEX 7140 Semiconductor Theory & ... LIBS 7001 Critical Writing	BUSA 7250 Management Skills & App LIBS 7002 Applied Ethics
Year 3	ELEX 7240 Electric Machines ELEX 7250 Communication Th & App	ELEX 7210 Signal Theory & Process ELEX 7220 Feedback Control	LIBS XXXX Student's choice LIBS XXXX Student's choice ELEX 8300 Industry Project (start)
Year 4	ELEX XXXX Student's choice ELEX XXXX Student's choice ELEX 8300 Industry Project (con't)	ELEX 8280 Engineering Law ELEX XXXX Student's choice ELEX 8300 Industry Project (finish) <b>BTech(Electronics) degree</b>	Prepare and write FE exams Earn Engineer-in-Training status Attend Iron Ring Ceremony
		Years 5, 6 and 7 work	
Year 8 or sooner	Professional Engineer		