

B. Sc. Electrical Engineering

Section: Theory EA----- Lab EA1+EA2			
Course Code	Course Title	No. of Sections	
EE1813	Linear Circuit Analysis	1	
EE1811	Linear Circuit Analysis Lab	2	
EEME1021	Engineering Drawing	1	
EEME1033	Basic Mechanical Engineering	1	
EEMT1023	Applied Mathematics II	1	
EECS1023	Fundamentals of Programing	1	
EECS1021	Fundamentals of Programing Lab	1	
ENG102	English II	1	

Section: Theory EA----- Lab EA1+EA2			
Course Code	Course Title	No. of Sections	
EE2313	Digital Logic Design	1	
EE2311	Digital Logic Design Lab	2	
EE2713	Signals and Systems	1	
EE2711	Signals and Systems Lab	2	
EE2833	Electrical Machines	1	
EE2831	Electrical Machines Lab	2	
EEMT2063	Multivariable Calculus	1	
EEHU2023	English II	1	

Section: Theory EA+EB ----- Lab EA1+EA2+EB			
Course Code	Course Title	No. of Sections	Specialization
EEMG3013	Engineering Economics	2	Common Courses
EEHU3033	English III	2	
EE3613	Linear Control Systems	2	
EE3611	Linear Control Systems Lab	3	
EE3253	Microcontroller Based Design	2	
EE3251	Microcontroller Based Design Lab	3	
PEN3213	Power Systems Analysis	1	Power
PEN3211	Power Systems Analysis Lab	2	

	ETN3223	Wave Propagation and Antenna Theory	1	Electronics
	ETN3221	Wave Propagation and Antenna Theory Lab	1	
	Section: Theory EA+EB ----- Lab EA1+EA2+EB			
Semester 8	Course Code	Course Title	No. of Sections	Specialization
	EEN4244	Senior Design Project – II	2	Common Courses
	HUN4213	Engineering Management	2	
	PEN4253	Power Systems Operation and Control	1	Power
	PEN4251	Power Systems Operation and Control Lab	2	
	PEN4243	Power Systems Protection	1	
	PEN4241	Power Systems Protection Lab	2	
	ETN4213	Machine Learning and Artificial Intelligence	1	Computing
	ETN4211	Machine Learning and Artificial Intelligence Lab	1	
	ETN4253	Digital System Design	1	
	ETN4251	Digital System Design Lab	1	