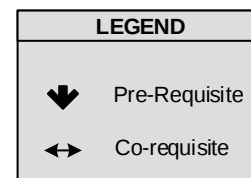
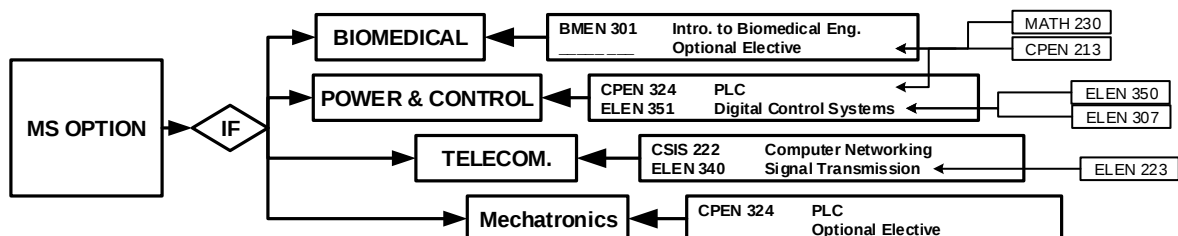


UOB		BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING (BSEE-109 cr)					FACULTY OF ENGINEERING		
Effective: Fall 2014		Name:					SID:		
FIRST YEAR (36)	MATH200 3 cr. Calculus I	MATH211 3 cr. Linear Algebra	MECH221 3 cr. Eng. Dynamics	MECH211 1 cr. Eng Drawing I	ELEN201 1 cr. Instrumentation Lab.	ENGL102 ENGL203 3 cr. Engl. Com. Skills III	CSIS206 3 cr. Progr. For Engineers	FALL (17)	
	MATH200 MATH202 3 cr. Calculus II	MATH200 MATH270 3 cr. Diff. Equations	MATH211 CSIS206 ELEN201 CPEN211 3 cr. Intro. Dig. Logic Des.	MATH200 MATH211 ELEN201 ELEN221 3 cr. Circuits Analysis I	ELEN201 1 cr. Electr. Sim. & Design	ENGL203 3 cr. English Elective	MECH232 3 cr. Thermodynamics	SPRING (19)	
SECOND YEAR (37)	MATH200 MATH211 MATH230 3 cr. Numerical Analysis	ELEN202 ELEN221 CPEN211 CPEN212 3 cr. Logic Circuits	MECH211 ELEN202 CPEN202 1 cr. Logic Circuits Lab	ELEN221 CPEN211 ELEN231 3 cr. Electronics I	MECH221 ELEN202 ELEN221 ELEN222 3 cr. Sig. & Syst. Theory	CSIS206 CPEN220 3 cr. Progr. for Engineering Solutions	ELEN221 MATH270 ELEN223 3 cr. Elec. & Electromag.	FALL (19)	
	MATH200 MATH246 3 cr. Probability for Eng.	ELEN231 CPEN202 CPEN212 CPEN213 3 cr. Microprocessors	ENGL203 CSPR201 3 cr. Humanities Elective	ELEN202 ELEN221 ELEN303 1 cr. Circuits Analysis Lab	ELEN231 ELEN202 ELEN304 1 cr. Electronics Lab	ELEN202 ELEN231 ELEN324 3 cr. Circ. Analysis II	ELEN231 ELEN202 ELEN332 3 cr. Electronics II	LISP200 1 cr. Library Use & Research Methods	SPRING (18)
THIRD YEAR (36)	3 cr. Option Elective I	CVSQ201 CSPR202 3 cr. Humanities Elective	ELEN332 ELEN324 ELEN223 MECH232 ELEN361 3 cr. Electric Machines	CPEN213 CPEN305 1 cr. Microcontrollers Lab	ELEN304 MATH246 ELEN341 3 cr. Telecommunications	ELEN202 ELEN222 ELEN350 3 cr. Control Systems	ELEN304 ELEN303 ELEN307 1 cr. Control Lab	LISP200 GENG290 1 cr. Intro. to Engineering Design Process	FALL (18)
	3 cr. Option Elective II	CSPR202 CSPR203 3 cr. Humanities Elective	ELEN341 ELEN306 1 cr. Telecom. Lab	ELEN361 ELEN308 1 cr. Elec. Machines Lab	ELEN332 ELEN324 ELEN325 3 cr. Elec. Installations	ELEN222 ELEN222 ELEN326 3 cr. Signal Processing	CPEN305 ELEN332 ELEN324 ELEN362 3 cr. Power Electronics	85 Credits GENG390 1 cr. UG Project	SPRING (18)



FIRST YEAR (36)

MATH 200 Calculus I 3 cr.	MATH 211 Linear Algebra 3 cr.	MECH 221 Eng. Dynamics 3 cr.	MECH 211 Eng. Drawing I 1 cr.	ELEN 201 Instrumentation Lab. 1 cr.	ENGL 203 Engl. Com. Skills III 3 cr.	CSIS 206 Progr. for Engineers 3 cr.
MATH202 MATH230 MATH246 MATH270 ELEN221	CPEN211 ELEN221 MATH230	ELEN222	CPEN202	CPEN211 ELEN202 ELEN221	CSPR201 ENGL	CPEN211 CPEN220

FALL (17)

MATH 202 Calculus II 3 cr.	MATH 270 Diff. Equations 3 cr.	CPEN 211 Intro. Dig. Logic Des. 3 cr.	ELEN 221 Circuits Analysis I 3 cr.	ELEN 202 Electr. Sim. & Design 1 cr.	ENGL English Elective 3 cr.	MECH 232 Thermodynamics 3 cr.
	ELEN223	CPEN212 ELEN231	CPEN212 ELEN222 ELEN223 ELEN231 ELEN303	CPEN202 CPEN212 ELEN222 ELEN303 ELEN324		ELEN361

SPRING (19)

SECOND YEAR (37)

MATH 230 Numerical Analysis 3 cr.	CPEN 212 Logic Circuits 3 cr.	CPEN 202 Logic Circuits Lab 1 cr.	ELEN 231 Electronics I 3 cr.	ELEN 222 Sig. & Syst. Theory 3 cr.	CPEN 220 Progr. for Engineering Solutions 3 cr.	ELEN 223 Elec. & Electromag. 3 cr.
	CPEN213	CPEN213	CPEN213 ELEN304 ELEN332	ELEN326 ELEN350		ELEN340 ELEN361

FALL (19)

MATH 246 Probability for Eng. 3 cr.	CPEN 213 Microprocessors 3 cr.	CSPR 201 Selection from List 3 cr.	ELEN 303 Circuits Analysis Lab 1 cr.	ELEN 304 Electronics Lab 1 cr.	ELEN 324 Circuits Anal. II 3 cr.	ELEN 332 Electronics II 3 cr.	LISP 200 Library Use & Research Methods 3 cr.
ELEN341	CPEN305 CPEN324	CVSQ202	ELEN307 ELEN341	ELEN307 ELEN341	ELEN325 ELEN361 ELEN362	ELEN325 ELEN361 ELEN362	GENG290

SPRING (18)

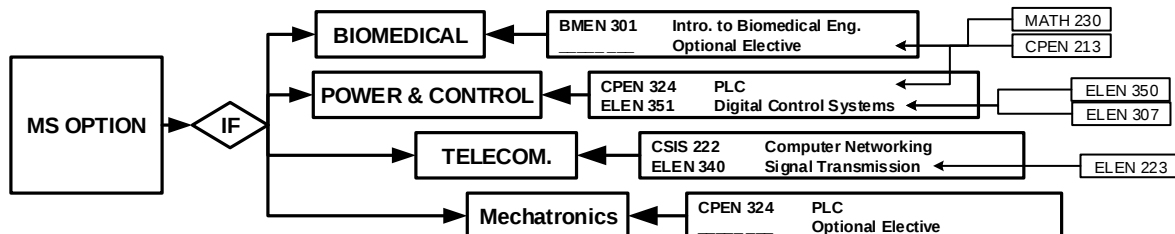
THIRD YEAR (36)

_____ Option Elective I 3 cr.	CSPR 202 Selection from List 3 cr.	ELEN 361 Electric Machines 3 cr.	CPEN 305 Microcontrollers Lab 1 cr.	ELEN 341 Telecom. 3 cr.	ELEN 350 Control Systems 3 cr.	ELEN 307 Control Lab 1 cr.	
MS Option	CVSQ203	ELEN308	ELEN362	ELEN306	ELEN351	ELEN351	GENG 290 Intro. to Engineering Design Process 1 cr.

FALL (18)

_____ Option Elective I 3 cr.	CSPR 203 Selection from List 3 cr.	ELEN 306 Telecom. Lab 1 cr.	ELEN 308 Elec. Machines Lab 1 cr.	ELEN 325 Elec. Installations 3 cr.	ELEN 326 Signal Processing 3 cr.	ELEN 362 Power Electronics 3 cr.	GENG 390 UG Project 1 cr.
MS Option							

SPRING (18)



LEGEND

- Leading to
- Co-requisite