

RECOMMENDED STUDY PLAN

2016-2018

NAME _____

DEGREE PROGRAM BEng

MAJOR Electrical Engineering (BEH-EEL)

MINOR Physics

First Year

Teaching period 1			Teaching period 2		
Subject Code	Prereq	Comment	Subject Code	Prereq	Comment
EG1000	None		EG1011	PH1005 or Physics & Maths C	
EG1002	None		EG1010	Maths B	
PH1005	Maths B		EG1012	Maths B	
MA1000	Maths B		MA1003	MA1000	

Second Year

Teaching period 1			Teaching period 2		
Subject Code	Prereq	Comment	Subject Code	Prereq	Comment
EE2201	EG1012		CC2511	EG1002 or CP1300 OR CP1404	
MA2000	MA1003		EE2300	EG1012	
CC2510	EG1002 or CP1300		EE3600	EG1012 and MA2000	
PH2002	MA1003 and PH1005 + EG1011 + EG1012		Choose 1 subject from List 1 for this minor		

Third Year

Teaching period 1			Teaching period 2		
Subject Code	Prereq	Comment	Subject Code	Prereq	Comment
PH2019	PH1005 or EG1012		CC3501	CC2511 and (CC2510 or CP1300 or CP1404)	
EE3001	EE2201		Choose 1 subject from List 1 for this minor		
EE3300	EE2300		EE3400	EE2201	
EE3700	EE2201		EG4013	(EG1000 + EG1002 + EG1010 + EG1011 + EG1012 + MA1000 + MA1003 + (PH1005 or EG1001)) or 36 CP	

Fourth Year

Teaching period 1			Teaching period 2		
Subject Code	Prereq	Comment	Subject Code	Prereq	Comment
EG4011	72 CP		EE4500	EE3600 and EE3300 AND EE3001 and CC3501	
EE4000	At least 48 credit pts		EE4600	EE3600	
Choose 1 subject from List 1 for this minor			EE4400	EE3400	
EG3000	EG1000 + EG1002 + EG1010 + EG1011 + EG1012 + MA1000 + MA1003 + (PH1005 Or EG1001) Or 36 Credit Points		EG4012	EG4011	

List of Subjects Available to this Minor: <u>List 1</u>			
SP1	Prereq	SP2	Prereq
PH2019 Intro to Electromagnetism Optics & Thermodynamics	PH1005 or EG1012	PH2240 Atomic & Nuclear Physics	PH2002 + MA1003
PH3008 Stats Mechanics & Transport	PH2019, PH2002 and MA2000	PH3002 Quantum Physics 2	MA2000 + PH2002 + PH2019
PH3019 Electromagnetic Phenomena	PH2019	PH3006 Oceanography & Meteorology	MA2000 + PH2019
		MA2201 Numerical Mathematics	MA1003
		MA3201 Numerical Mathematics	MA2000 + MA2201