

RECOMMENDED STUDY PLAN

2016-2018

NAME _____.

DEGREE PROGRAM BEng Mid-Year Entry MAJOR Mechanical Engineering (BEH-MEN)

MINOR Mathematics

First Year

SP7 Jun/Jul	Teaching period 2		
Subject Code	Subject Code	Prereq	Comment
MA1008	MA1009	MA1008	
	EG1010	Maths B	
	EG1012	Maths B	
	EG2010	None	

Second Year

SP3 Jan/Feb	Teaching period 1			Teaching period 2		
Subject Code	Subject Code	Prereq	Comment	Subject Code	Prereq	Comment
MA1003	EG1000	None		EG1011	PH1005 or Physics & Maths C	
	MA2000	MA1003		MA2100	MA1003 + MA2000	
	EG1002	None		EE3600	EG1012 and MA2000	
	PH1005	Maths B		MA2201	MA1003	

Third Year

Teaching period 1			Teaching period 2		
Subject Code	Prereq	Comment	Subject Code	Prereq	Comment
CS2001	EG1011		EG4013	(EG1000 + EG1002+ EG1010 + EG1011 + EG1012 + MA1000 + MA1003 + PH1005) or 36 CP	
ME2512	EG1011		ME2525	CS2001	
ME2521	EG1011		CS3008	MA2000 and ME2512	
EG3001	EG1002 + EG1011 + MA2000		ME3512	MA2000	

Fourth Year

Teaching period 1			Teaching period 2		
Subject Code	Prereq	Comment	Subject Code	Prereq	Comment
EG4011	72 CP		EG4012	EG4011	
ME3511	MA2000 + ME2521		ME4515	ME2525	
ME3515	EG2010 + ME2525	Even yrs *Note	ME4522	ME2512	
			ME3525	ME2525 + EG3001	

Fifth Year

Teaching period 1		
Subject Code	Prereq	Comment
Choose 1 subject from List 1 for this minor		
EG3000	EG1000 + EG1002 + EG1010 + EG1011 + EG1012 + MA1000 + MA1003 + PH1005 or 36 CP	*Note
ME4513	CS3008	

***Note ME3515 only offered in even years – will need to swap with EG3000 or elective depending on year.**

List of Subjects Available to this Minor: <u>List 1</u>			
SP1	Prereq	SP2	Prereq
MA2405 Adv Statistical Modelling	MA1401 or BZ2001 or MA2401 or MA2000	MA3201 Numerical Methods	MA2000 + MA2201
MA3109 Applied Complex Variable Theory	MA2000 + MA2100	MA2900 Mathematics Content Knowledge for Lower 2ndry	MA2000
MA3605 Operations Research and Modelling	MA2000 and (MA2100 or MA2201)		